



Head of the Laboratory of Soil- and Groundwater-
Management
Commission Head of Water- and Waste-
Management
Institute of Foundation Engineering, Water- and
Waste-Management
School of Architecture and Civil Engineering
University of Wuppertal
Pauluskirchstraße 7, 42285 Wuppertal, Germany
E-Mail: rinklebe@uni-wuppertal.de
Fon: ++49 202 439 4057
Fax: ++49 202 439 4196
Secretary: ++49 202 439-4195
Website: <http://www.boden.uni-wuppertal.de/en/home.html>

Jörg Rinklebe, Ph.D., Professor

Dr. Jörg Rinklebe is a Professor for Soil- and Groundwater-Management at the University of Wuppertal, Germany. His academic background covers environmental science, bioavailability of emerging contaminants, and remediation of contaminated soils using value-added products including biochar. He works at various scales, ecosystems, and spheres including pedosphere, hydrosphere lithosphere, biosphere, and atmosphere and has a certain experience in fundamental soil science. His main research is on soils, sediments, waters, plants, and their pollutions (trace elements and nutrients) and linked biogeochemical issues with a special focus in redox chemistry. He also has a certain expertise in soil microbiology. Professor Rinklebe is internationally recognized particularly for his research in the areas of biogeochemistry of trace elements in wetland soils. He published plenty of scientific papers in leading international and national journals. According to SCOPUS (26.03.2021), Professor Rinklebe published over 284 research papers, 21 were nominated in the ISI web of Science as "Highly Cited Papers" and 3 were nominated as "Hot Paper". These papers have been cited 8736 time in Scopus with h -index = 51. Based on these citations, Prof Rinklebe has been selected as ISI Web of Science Globally Highly Cited Researcher in 2019 and 2020. Also, he published three books entitled "*Trace Elements in Waterlogged Soils and Sediments*" (2016), "*Nickel in Soils and Plants*" (2018), and "*Soil and Groundwater Remediation Technologies*" (2020), as well as numerous book chapters. He is serving as Chief Editor for Special Issues of "Environmental Pollution" and "Journal of Hazardous Materials"; Co-Editor in Chief of the international journal *Critical Reviews in Environmental Science and Technology (CREST)* and as guest editor of the international journals *Environment International*, *Chemical Engineering Journal*, *Science of the Total Environment*, *Chemosphere*, *Journal of Environmental Management*, *Applied Geochemistry*, and *Environmental Geochemistry and Health*. Also, he is member on several editorial boards (*Ecotoxicology*, *Geoderma*, *Water, Air, & Soil Pollution*, *Archive of Agronomy and Soil Science*) and reviewer for many leading international journals. He organized many special symposia at various international conferences such as "Biogeochemistry of Trace Elements" (ICOBTE) and "International Conference on Heavy Metals in the Environment" (ICHMET). He was an invited speaker (plenary and keynote) at many international conferences. In 2016 he got an appointment as Honorable Ambassador for Gangwon Province, South-Korea which was renewed in June-2018. Also, he got an appointment as Visiting Professor at the Department of Environment, Energy and Geoinformatics at Sejong University, Seoul, South Korea and Guest Professor at the Department of Environmental Engineering, China Jiliang University, Hangzhou, Zhejiang, China. Recently, Professor Rinklebe was elected as Vice President of the International Society of Trace Element Biogeochemistry (ISTEB).

Appointments & Elections

Vice-President of the International Society of Trace Element Biogeochemistry (ISTEB)

Adjunct Professor at the University of Southern Queensland, **Australia**

Visiting Professor at the Department of Environment, Energy and Geoinformatics at Sejong University, Seoul, **South Korea**

Guest Professor at the Department of Environmental Engineering, China Jiliang University, Hangzhou, Zhejiang, **China**

Honorable Ambassador for Gangwon Province, Korea

Professional Experience

Full Professor (10/2010 – lifetime), Soil- and Groundwater-Management at the University of Wuppertal, Germany

Associate Professor (10/2006 – 10/2010) Soil- and Groundwater-Management at the University of Wuppertal, Germany

Senior scientist & Project leader (06/2005 – 09/2006) Senior Scientist in the Department of Soil Chemistry of the UFZ Centre for Environmental Research Leipzig-Halle GmbH

Scientist & Project leader (10/2001 – 09/2005) Scientist in the Department Soil Science of the UFZ Centre for Environmental Research Leipzig-Halle GmbH

Research Associate (12/1997-08/2000) Department of Soil Science of the UFZ Centre for Environmental Research Leipzig-Halle GmbH

Scientist and Project manager (10-12/1997) Institute of Soil Science and Site Research in Tharandt of the Technical University of Dresden

Researcher (11/1997) Institute of Soil Science and Plant Nutrition of the Agricultural Faculty of the Martin-Luther-University of Halle-Wittenberg

Researcher (5-08/1997) Institute of Soil Science and Site Research, Tharandt, Technical University of Dresden

Editorial activities

Co-Editor in Chief

- Critical Reviews in Environmental Science and Technology (CREST)

Chief Editor for Special Issues & Associate Editor

- “Environmental Pollution”
- “Journal of Hazardous Materials”

Associate Editor

- “Biochar”

Coordinating Editor

- “Environmental Geochemistry and Health”

Leading Guest Editor

- “Environment International”
- “Science of the Total Environment”
- “Chemosphere”
- “Journal of Environmental Management”
- “Applied Geochemistry”
- “Environmental Geochemistry and Health”

Guest Editor

- “Journal of Hazardous Materials”
“Clays and Clay Minerals for Pollution Abatement”
<https://www.journals.elsevier.com/journal-of-hazardous-materials/call-for-papers/call-for-papers-virtual-special-issue-clays-and-clay-mineral>
- “Chemical Engineering Journal”
“Thermochemical Conversion of Biowaste on Energy and Resource Recovery and Pollution Abatement”
<https://www.journals.elsevier.com/chemical-engineering-journal/call-for-papers/call-for-papers-thematic-special-issue-thermochemical-conver>

- “Science of the Total Environment” related to the 14th International Conference on the Biogeochemistry of Trace Elements (ICOBTE) 2017 in Zurich, Switzerland
„Interactions between biochars and trace elements in the environment”
<https://www.journals.elsevier.com/science-of-the-total-environment/>
- “Chemosphere” for the Special Issue related to [18th International Conference on Heavy Metals in the Environment](#) (ICHMET 2016) in Ghent, Belgium.
- “Environmental Geochemistry and Health” related to [Asia Pacific Biochar Conference 2016](#) in Korea
- “Geoderma” for the Special Issue "Properties, processes, and ecological functions of wetland, paddy and floodplain soils", EUROSOIL 2012
- “Archive of Agronomy and Soil Science" Special Issue des 10th International Symposium of Wetland Biogeochemistry 2007: Annapolis, U.S.A.

Editorial Board Member

- “Geoderma”
- "Ecotoxicology"
- "Water, Air, & Soil Pollution"
- “Archive of Agronomy and Soil Science"

Reviewer for many international journals:

- "Nature Geoscience"
- "Environmental Science and Technology"
- "Chemosphere"
- "Soil Biology and Biochemistry"
- "Soil Science Society of America Journal"
- "Climatic Change"
- "Journal of Soils and Sediments"
- "Journal of Environmental Quality"
- "Environmental Pollution"
- "Science of the Total Environment"
- "Water, Air, and Soil Pollution"
- "Ecological Engineering"
- "Agriculture, Ecosystems and Environment"
- "Journal of Estuarine, Coastal and Shelf Science"
- "Journal of Hazardous Material"
- "Journal of Plant Nutrition and Soil Science"
- "Journal of Soil and Sediment Contamination – An International Journal"
- "Journal Environmental Monitoring and Assessment"
- "Ecotoxicology"
- "Journal of Freshwater Ecology"
- "Chemical Geology"
- "International Journal of Environmental Analytical Chemistry"
- "Environmental Science and Pollution Research"
- "CLEAN - Soil, Air, Water"
- "Atmospheric Environment"
- "Archives of Agronomy and Soil Science"
- "Environmental Toxicology and Chemistry"
- "Environmental Monitoring and Assessment"
- "CATENA"
- "WETLANDS"
- "Journal of Geochemical Exploration"
- "Ecotoxicology and Environmental Safety"

Member of a number of International Scientific Committees

Organization of special sessions (selection)

- 2018: Three special sessions on the International Conference „Heavy Metals in the Environment (ICHMET 2018)“, Athens, Georgia, U.S.A.
- 2017: “Interactions between biochars and trace elements (TEs) in the environment” 14th International Conference on the Biogeochemistry of Trace Elements (ICOBTE) 2017 in Zurich, Switzerland
- 2017: “Management of trace element fluxes in the environment: from regulation to remediation”. 14th International Conference on the Biogeochemistry of Trace Elements (ICOBTE) 2017 in Zurich, Switzerland
- 2016: „Heavy metals and biochar interactions“ on the International Conference „Heavy Metals in the Environment (ICHMET 2016)“
- 2016: “Heavy Metals in Sediments: Biogeochemistry and Remediation” on the international Conference „Heavy Metals in the Environment (ICHMET 2016)“
- 2015: „Fate and transport of metals in contaminated sediments – new approaches in remediation” International Conference of Biogeochemistry of Trace Elements (ICOBTE) 2015 in Fukuoka, Japan
- 2014: Organization of the special session: “Heavy Metals in Sediments and Remediation Technologies” on the “17th International Conference on Heavy Metals in the Environment” (ICHMET) 2014 in Guiyang, China
- 2013: „Management and Remediation of Contaminated Fresh Water and Marine Sediments” International Conference of Biogeochemistry of Trace Elements (ICOBTE) 2013 in Athens, U.S.A.
- 2012: 4th International Congress –European Congress of Soil Science- EUROSOIL 2012 Soil Science for the Benefit for the Mankind and Environment
- Organization of the special session: “Wetland, floodplain, riparian soils: properties, processes and ecological functions” in Bari, Italy
- 2012: Organization of the special session: “Heavy Metals in Sediments - Interactions, Remediation, and Management” on the “16th International Conference on Heavy Metals in the Environment” (ICHMET) 2012 in Rome, Italy
- 2011: Organization of the special symposium 3: “Bioavailability of contaminants in freshwater and coastal/marine sediments: implications for remedial technologies” auf der International Conference of Biogeochemistry of Trace Elements (ICOBTE) 2011 in FLORENCE, Italy
- 2010: Organization of the special session: “Heavy Metals in Sediments and Remediation Technologies” auf der “15th International Conference on Heavy Metals in the Environment” (ICHMET) 2010 in Gdańsk, Poland

Plenary, Keynote and Invited Speech (Selection)

- Plenary talk: 2018: „Metals in Wetlands“ on the International Conference „Heavy Metals in the Environment (ICHMET 2018)“ Athens, Georgia, U.S.A.
- BEEM 2018
- Rumania 2018
- Geotrop Shenzhen, 2018, Nanjing, and Guiyang China
- 2017 “14th International Conference on the Biogeochemistry of Trace Elements (ICOBTE) 2017 in Zurich, Switzerland
- 2017: Hong Kong
- 45th EUROPEAN SOCIETY FOR NEW METHODS IN AGRICULTURAL RESEARCH (ESNA). Belgrade, Serbia. 6th to September the 8th, 2016; Plenary lecture “Mercury in the Agricultural Environment”.
- Joint International Conference on Environment, Health, GIS and Agriculture, ISEH 2016, ISEG 2016 & Geoinformatics 2016, Galway, Ireland, August 14 - 20, 2016, <http://www.nuigalway.ie/iseh2016/speakers.html>
- [18th International Conference on Heavy Metals in the Environment](#) (ICHMET 2016) in Ghent, Belgien.
- 3rd Asia Pacific Biochar Conference, Korea. <http://errlab.kangwon.ac.kr/index2.asp>
- International Conference of Biogeochemistry of Trace Elements (ICOBTE) 2015 in Fukuoka, Japan
- 17th International Conference on Heavy Metals in the Environment” (ICHMET) 2014 in Guiyang, China
- International Conference of Biogeochemistry of Trace Elements (ICOBTE) 2013 in Athens, U.S.A.
- 4th International Congress –European Congress of Soil Science- EUROSOIL 2012 Soil Science for the Benefit for the Mankind and Environment. “Wetland, floodplain, riparian soils: properties, processes and ecological functions” in Bari, Italy
- 16th International Conference on Heavy Metals in the Environment” (ICHMET) 2012 in Rome, Italy
- International Conference of Biogeochemistry of Trace Elements (ICOBTE) 2011 in FLORENCE, Italy
- 15th International Conference on Heavy Metals in the Environment” (ICHMET) 2010 in Gdańsk, Poland
- Congress of the Polish Soil Science Society (2013)
- Congress of the Egyptian Soil Science Society (2012)
- International Congress `BIOGEOMON 2009` Helsinki, Finland, 2009
- European Congress of Soil Science (EUROSOIL) Wien, 2008
- And plenty of others...

Education

12/1997-08/2000 - Ph.D. student in the Department of Soil Science of the UFZ Centre for Environmental Research Leipzig-Halle GmbH and Scientist within the interdisciplinary project “Development of a Generalized Robust Indication System for Ecological Changes in Riverine Wetlands” (RIVA)

10-12/1997 - Scientist and Project manager: „Root morphology of seedlings and clones of larch in soils of the Elbe River” Institute of Soil Science and Site Research in Tharandt of the Technical University of Dresden.

11/1997 - Researcher in the Institute of Soil Science and Plant Nutrition of the Agricultural Faculty of the Martin-Luther-University of Halle-Wittenberg

5-08/1997 - Researcher in the Institute of Soil Science and Site Research in Tharandt of the Technical University of Dresden

1995 Researcher in the company of Soil Ecology, Soil Mapping & Soil Protection

09/1993 bis 08/1997 - Student at the Faculty of Agriculture at the Martin-Luther-University of Halle-Wittenberg specialized in Soil Science and Land Use

Major subjects: Soil Science and Soil protection
 Plant Nutrition and Fertilization
 Landscape Planning and Land Use

Obligate subjects: Forestry
 Ecological Agriculture
 Waste Management

Additional subject: Botany

Student at the Institute of Ecology, Faculty of Science and Engineering at the University of Edinburgh (Scotland, U.K.)

Courses: Ecological Systems
 Ecophysiology
 Forest Tree Species

Major Academic Qualifications

Ph.D. 4/2004, Ph.D. Thesis in Soil Science: ”Differentiation of floodplain soils of the Central Elbe River and quantification of the impact of their soil properties on the soil microbial biomass and the soil enzyme activities of β -glucosidase, protease, and alkaline phosphatase” Grade: „Summa cum Laude“

Diploma-Thesis (1997) Topic of the Diploma-Thesis: “The impact of arable and forest land use on soil and vegetation.” 1992-1993. Institute of Soil Science and Plant Nutrition of the Agricultural Faculty of the Martin-Luther-University of Halle-Wittenberg, Germany.

ISI-Web of Science listed Journals

No.	Journal	Publisher	2019 Impact Factor	Number of Papers	Total Impact Factor
1	ACS Sustainable Chemistry and Engineering		7.632	1	7632
2	Advances in Agronomy	Elsevier	5.279	1	5279
3	Advances in Colloid and Interface Sciences	Elsevier	9.922	2	19844
4	Algal Research	Elsevier	3.723	1	3723
5	Analytical Letters	Taylor & Francis	1.467	1	1467
6	Applied Biological Chemistry	Springer	1.838	1	1838
7	Applied Geochemistry	Elsevier	2.903	3	8709
8	Archives of Agronomy and Soil Science	Taylor & Francis	2.135	3	6405
9	Biodegradation	Springer	2.805	1	2805
10	Biogeosciences	Copernicus Gesellschaft	3.480	1	3480
11	Bioresource Technology	Elsevier	7.539	4	30156
12	Bodenkultur	-	-	1	-
13	Bulletin of Environmental contamination and Toxicology	Springer	1.657	1	1657
14	Carbon	Elsevier	8.821	1	8821
15	Catena	Elsevier	4.333	3	12999
16	Chemical Engineering Journal	Elsevier	10.652	6	63912
17	Chemosphere	Elsevier	5.778	30	173340
18	Communications In Soil Science and Plant Analysis	Taylor & Francis	767	1	767
19	Critical Reviews in Environmental Science and Technology	Taylor & Francis	8.302	11	91322
20	Comprehensive Analytical Chemistry	Elsevier	-	1	-
21	Current Science	Indian Acad Sciences	725	1	725
22	E3 S Web Conferences	-	-	2	-
23	Earth-Science Reviews	Elsevier	9.724	1	9724
24	Ecological Engineering	Elsevier	3.512	6	21072
25	Ecotoxicology and Environmental Safety	Elsevier	4.872	4	19488
26	Environment International	Elsevier	7.577	18	136386
27	Environmental Geochemistry and Health	Springer	3.472	22	76384
28	Environmental Pollution	Elsevier	6.792	15	101880
29	Environmental Research	Elsevier	6.096	3	18288
30	Environmental Science and Pollution Research	Springer	3.056	2	6112
31	Environmental Science and Technology	American Chemical Society	7.149	3	21447

32	Eurasian Soil Science	Springer	1.016	1	1016
33	Forstwissenschaftliches Centralblatt	-	-	1	-
34	Geoderma	Elsevier	4.848	15	72720
35	GWF Wasser Abwasser	-	-	1	-
36	International Journal of Environmental Science & Technology	Springer	2.540	1	2540
37	International Materials Reviews	Taylor & Francis	14.429	1	14429
38	Journal of Alloys and Compounds	Elsevier	4.650	1	4650
39	Journal of Cleaner Production	Elsevier	7.246	1	7246
40	Journal of Environmental Management	Elsevier	5.647	13	73411
41	Journal of Environmental Monitoring	Royal Society of Chemistry	2.461	1	2461
42	Journal of Geochemical Exploration	Elsevier	3.352	1	3352
43	Journal of Hazardous Materials	Elsevier	9.038	17	153646
44	Journal of Industrial and Engineering Chemistry	Elsevier	5.278	1	5278
45	Journal of Plant Nutrition and Soil Science	Wiley-VCH Verlag	2.083	4	8332
46	Journal of Soils and Sediments	Springer	2.763	5	13815
47	Pedosphere	Science Press	3.736	2	7472
48	Planta Medica	Georg Thieme Verlag	2.687	1	2687
49	Process Safety and Environmental Protection	Elsevier	4.966	1	4966
50	Science of the Total Environment	Elsevier	6.551	22	144122
51	Soil and Sediment Contamination	Taylor & Francis	1.250	3	3750
52	Soil Biology and Biochemistry	Elsevier	5.795	2	11590
53	Soil Science	Lippincott Williams & Wilkins	1.122	1	1122
54	Soil Science Society of America Journal	Soil Science Society of America	2.311	2	4622
55	Talanta	Elsevier	5.339	1	5339
56	Water, Air & Soil Pollution	Springer	1.900	7	13300
57	Wetlands	Springer	1.783	1	1783
58	Soil Use and Management	-	1.690	1	1690
59	Environmental Science-Progresses and Impacts	-	3.238	1	3238
60	Nature Reviews Earth and Environment	-	-	1	0
61	International Journal of Phytoremediation	-	2.528	1	2528
62	Environmental Monitoring and Assessment	-	1.903	1	1903
Total				270	1428670

Papers Published in ISI-Web of Science Listed Journals (Ordered according to the publication date)

No.	Authors	Title	Journal/ Quartile in Category	Volume/Pages	Year	2019-Impact Factor	Number of Citations
1	Adeel, M., Shakoor, N., Hussain, T., Azeem, I., Zhou, P., Zhang, P., Hao, Y., Rinklebe, J. , Rui, Y.	Bio-interaction of nano and bulk lanthanum and ytterbium oxides in soil system: Biochemical, genetic, and histopathological effects on <i>Eisenia fetida</i>	Journal of Hazardous Materials (Q1)	13	2021	9.038	0
2	Wang, L., Rinklebe, J. , Tack, F. M. G., Hou, D.	A review of green remediation strategies for heavy metal contaminated soil	Soil Use Manage	28	2021	1.690	0
3	Liu, Y.-H., Shaheen, S. M., Rinklebe, J. , Hseua Z.-Y.	Pedogeochemical distribution of gallium, indium and thallium, their potential availability and associated risk in highly-weathered soil profiles of Taiwan	Environmental Research (Q2)	10	2021	6.096	0
4	Xiao, J., Wang, L., Chaid, N., Liu, T., Jin, Z., Rinklebe, J.	Groundwater hydrochemistry, source identification and pollution assessment in intensive industrial areas, eastern Chinese loess plateau	Environmental Pollution	12	2021	6.792	0
5	Moogia, S., Lee, J., Jae, J., Sonne, C., Rinklebe, J. , Kim, D. H., Lam, S. S., Show, P. L., Park, Y.-K.	Valorization of rice husk to aromatics via thermocatalytic conversion in the presence of decomposed methane	Chemical Engineering Journal	7	2021	10.652	0
6	Azeem, N., Ali, A., Jeyasundar, P. G. S. A., Li, Y., Abdelrahman, H., Latif, A., Li, R., Basta, N., Li, G., Shaheen, S. M., Rinklebe, J. , Zhang, Z.	Bone-derived biochar improved soil quality and reduced Cd and Zn phytoavailability in a multi-metal contaminated mining soil	Environmental Pollution	13	2021	6.792	0
7	Jeyasundar, P. G. S. A., Ali, A., Azeem, M., Li, Y., Guo, D., Sikdar, A., Abdelrahman, H., Kwon, E., Antoniadis, V., Mani, V. M., Shaheen, S. M., Rinklebe, J. , Zhang, Z.	Green remediation of toxic metals contaminated mining soil using bacterial consortium and Brassica juncea	Environmental Pollution	12	2021	6.792	0

8	Rennert, T., Antić-Mladenović, S., Barančiková, G., Borůvka, L., Bosak, V., Cacovean, H., Čechmánková, J., Graf-Rosenfellner, M., Kobza, J., Mayer, S., Michalski, A., Pavlů, L., Rinklebe, J. , Savin, I., Rubinić, V.	Does soil organic matter in mollic horizons of central/east European floodplain soils have common chemical features?	Catena	200/10	2021	4.333	0
9	Abbas, Q., Yousaf, B., Munir, M. A. M., Cheema, A- I., Hussain, I., Rinklebe, J.	Biochar-mediated transformation of titanium dioxide nanoparticles concerning TiO ₂ NPs-biochar interactions, plant traits and tissue accumulation to cell translocation	Environmental Pollution	270/11	2021	6.792	0
10	Hussain, M. M., Wang, J., Bibi, I., Shahid, M., Niaz, N. K. Iqbal, Mian, I. A., Shaheen, S. M., Bashir, S., Shah, N. S., Hina, K. Rinklebe, J.	Arsenic speciation and biotransformation pathways in the aquatic ecosystem: The significance of algae.	Journal of Hazardous Materials (Q1)		2021	9.038	1
11	Wang, Q., Shaheen, S.M., Jiang, Y., Li, R., Slaný, M., Abdelrahman, H., Kwon, E., Bolan, N., Rinklebe, J. , Zhang, Z.	Fe/Mn- and P-modified drinking water treatment residuals reduced Cu and Pb phytoavailability and uptake in a mining soil.	Journal of Hazardous Materials (Q1)	403	2021	9.038	0
12	Natasha, Bibi, I., Shahid, M., Niazi, N. K., Younas, F., Naqvid, S. R., Shaheen, S. M., Imrana, M., Wang, H., Hussaini, K. M., Zhang, H., Rinklebe, J.	Hydrogeochemical and health risk evaluation of arsenic in shallow and deep aquifers along the different floodplains of Punjab, Pakistan. Journal of Hazardous Materials	Journal of Hazardous Materials (Q1)	402	2021	9.038	0
13	Bolan, N., Sarkar, B., Yan, Y., Li, Q, Wijesekara, H., Kannan, K., Tsang, D.C.W., Schauerte, M., Bosch, J., Noll, H., Ok, Y. S., Scheckel, K., Kumpiene, J., Gobindlal, K., Kah, M., Sperry, J., Kirkham, M.B., Wang, H., Tsang, Y. F., Hou, D., Rinklebe, J.	Remediation of poly- and perfluoroalkyl substances (PFAS) contaminated soils – To mobilize or to immobilize or to degrade?	Journal of Hazardous Materials (Q1)	401	2021	9.038	0

14	Yue, X., Ma, N. L., Sonne, C., Guan, R., Lam, S. S., Le, Q. V., Chen, X., Yang, Y., Gu, H., Rinklebe, J. , Peng, W.	Mitigation of indoor air pollution: A review of recent advances in adsorption materials and catalytic oxidation	Journal of Hazardous Materials (Q1)	405/13	2020	9.038	0
15	Kumar, m., Mazumder, P., Mohapatra, S., Thakur, A. K., Dhangar, K., Taki, K., Mukherjee, S., Patel, A. K., Bhattacharya, P., Mohapatra, P., Rinklebe, J. , Kitajima, M., Hai, F. I., Khursheed, A., Furumai, H., Sonne, C., Kuroda, K.	A chronicle of SARS-CoV-2: Seasonality, environmental fate, transport, inactivation, and antiviral drug resistance	Journal of Hazardous Materials (Q1)	405/17	2020	9.038	0
16	Ali, A., Guo, D., Li, Y., Shaheen, S. M., Wahid, F., Antoniadis, V., Abdelrahman, H., Al-Solaimani, S. G., Li, R., Tsang, D. C. W., Rinklebe, J. , Zhang, Z.	Streptomyces pactum addition to contaminated mining soils improved soil quality and enhanced metals phytoextraction by wheat in a green remediation trial	Chemosphere (Q1)	273/10	2020	5.778	0
17	Arumugham, T. Rambabu, K. Hasan, S. W., Show, P. L., Rinklebe, J. , Banat, F.	Supercritical carbon dioxide extraction of plant phytochemicals for biological and environmental applications e A review	Chemosphere (Q1)	271/19	2020	5.778	0
18	Shen, R., Lan, Z., Rinklebe, J., Nie, M., Hu, Q., Yan, Z., Fang, C., Jin, B., Chen, J.	Flooding variations affect soil bacterial communities at the spatial and inter-annual scales	Science of the Total Environment	759/12	2020	6.551	0
19	Kim, J.-H. Jung, S., Lin, K.-Y., Rinklebe, J. , Kwon, E. E.	Comparative study on carbon dioxide-cofed catalytic pyrolysis of grass and woody biomass	Bioresource Technology	323/9	2020	7.539	0
20	Nie, T., Yang, X., Chen, H., Müller, K., Shaheen, S. M., Rinklebe, J. , Song, H., Xu, S., Wu, F., Wang H.	Effect of biochar aging and co-existence of diethyl phthalate on the mono-sorption of cadmium and zinc to biochar-treated soils	Journal of Hazardous Materials (Q1)	408/-9	2020	9.038	0
21	Pan, H., Yang, X., Chen, H., Sarkar, B., Bolan, N., Shaheen, S. M., Wu, F., Che, L. Ma, Y., Rinklebe, J. , Wang, H.	Pristine and iron-engineered animal- and plant-derived biochars enhanced bacterial abundance and immobilized arsenic and lead in a contaminated soil	Science of the Total Environment	763/9	2020	6.551	0

22	Chen, H., Qin, P., Yang, X., Bhatnagar, A., Shaheen, S. M., Rinklebe, J. , Wu, F., Xu, S., Che, L., Wang, H.	Sorption of diethyl phthalate and cadmium by pig carcass and green waste-derived biochars under single and binary systems	Environmental Research	193/11	2020	5.715	
23	Tran, H. N., Le, G. T., Nguyen, D. T., Ruy-Shin Juang, R.-S., Rinklebe, J. , Bhatnagar, A., Lima, E. C., Iqbal, H. M. N., Sarmah, A. K., Chao, H.-P.	SARS-CoV-2 coronavirus in water and wastewater: A critical review about presence and concern	Environmental Research (Q2)	12	2020	6.096	0
24	Antoniadis, V., Shaheen, S. M., Stärk, H.-J., Wennrich, R., Levizou, E., Merbach, I., Rinklebe, J.	Phytoremediation potential of twelve wild plant species for toxic elements in a contaminated soil	Environment International	146 (2021) 106233	2020	7.577	0
25	Xiao, J., Han, X., Sun, S., Wang, L., Rinklebe, J.	Heavy metals in different moss species in alpine ecosystems of Mountain Gongga, China: Geochemical characteristics and controlling factors	Environmental Pollution (Q1)	10	2020	6.792	0
26	El Rasafi, T., Oukarroum, A., Haddioui, A., Song, H., Kwon, E. E., Bolan, N., Tack, F. M. G., Sebastian, A., Prasad, M., N. V., Rinklebe, J.	Cadmium stress in plants: A critical review of the effects, mechanisms, and tolerance strategies	Critical Reviews in Environmental Science and Technology	10.1080/10643389.2020.1835435	2020	8.302	0
27	Wang, L., O'Connor, D., Rinklebe, J. , Ok, Y. S., Tsang, D. C.W., Shen, Z., Hou, D.	Biochar Aging: Mechanisms, Physicochemical Changes, Assessment, and Implications for Field Applications	Environmental Science and Technology	doi.org/10.1021/acs.est.0c04033	2020	7.149	0
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31	Kim, M., Jung, S., Lee, D.-J., Lin, K.-Y. A., Jeon, Y. J., Rinklebe, J. , Klinghoffer, N. B., Kwona, E.E.	Biodiesel synthesis from swine manure	Bioresource Technology	317(2020)124032	2020	7.539	0
32	Kumar, M., Thakur, A. K., Mazumder, P., Kuroda, K., Mohapatra, S., Rinklebe, J. , Ramanathan, A., Cetecioglu, Z., Jain, S., Tyagi, V. K., Gikas, P., Chakraborty, S., Islam, M. T., Ahmad, A., Shah, A. V., Patel, A. K., Watanabe, T., Vithanage, M., Bibby, K., Kitajima, M., Bhattacharya, P.	Frontier review on the propensity and repercussion of SARS-CoV-2 migration to aquatic environment	Journal of Hazardous Materials	1. 100001	2020	9.038	0
33	Sun, T., Beiyuan, J., Gielen, G., Mao, X., Song, Z., Xu, S., Ok, Y. S., Rinklebe, J., Liu, D., Hou, D., Wong, J. W. C., Wang, H	Optimizing extraction procedures for better removal of potentially toxic elements during EDTA-assisted soil washing	Journal of Soils and Sediments	20:3417–3426.	2020	2.763	0
34	Wang, L., Ok, Y. S., Tsang, D. C. W., Alessi, D. S., Rinklebe, J. , Wang, H., Mašek, O., Hou, R., O'Connor, D., Hou, D.	New trends in biochar pyrolysis and modification strategies: feedstock, pyrolysis conditions, sustainability concerns and implications for soil amendment	Soil Use and Management	10.1111/sum.12592.	2020	1.690	0
35	Wang, L.W., Hou, D.Y., Cao, Y.N., Ok, Y.S., Tack, F.M.G., Rinklebe, J., O'Connor, D.	Remediation of mercury contaminated soil, water, and air: A review of emerging materials and innovative technologies	Environment International	134. 105281.	2020	7.577	0
36	Zhong, Y., Igalavithana, A. D., Zhang, M., Li, X., Rinklebe, J. , Hou, D., Tack, F. M. G. Alessi, D. S., Tsang, D. C. W., Ok, Y.	Effects of aging and weathering on immobilization of trace metals/metalloids in soils amended with bochar	Environmental Science	22. 1790–1808	2020	3.056	0

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39	Kumar, M., Kuroda, K., Dhangar, K., Mazumder, P., Sonne, C., Rinklebe, J. , Kitajima, M.	Potential Emergence of Antiviral-Resistant Pandemic Viruses via Environmental Drug Exposure of Animal Reservoirs.	Environmental Science and Technology		2020	7.149	0
40	Wan, Z., Sun, Y., Tsang, D.C.W., Khan, E., Yip, A.C.K, Ng, Y.H., Rinklebe, J. , Ok, Y.S.	Customised fabrication of nitrogen-doped biochar for environmental and energy applications.	Chemical Engineering Journal (Q1)	401: 126136	2020	10.652	0
41	Xia, Y., Zhang, M., Tsang, D.C.W., Geng, H., Lu, D., Zhu, L., Igalavithana, A.D., Dissanayake, P.D., Rinklebe, J. , Yang, X., Ok, Y.S	Recent advances in control technologies for non-point source pollution with nitrogen and phosphorous from agricultural runoff: current practices and future prospects	Applied Biological Chemistry (Q3)	63(1): 8	2020	1.838	0
42	Amen, R., Bashir, H., Bibi, I., Shaheen, S. M., Niazi, N.K., Shahid, M., Hussain, M. M., Antoniadis, V., Shakoor, M. B., Al-Solaimani, S. G., Wang, H., Bundschuh, J., Rinklebe, J.	A critical review on arsenic removal from water using biochar-based sorbents: The significance of modification and redox reactions	Chemical Engineering Journal	396: 125195	2020	10.652	0
43	Zhao, B., O'Connor, D., Shen, Z., Tsang, D. C. W., Rinklebe, J. , Hou, D.	Sulfur-modified biochar as a soil amendment to stabilize mercury pollution: An accelerated simulation of long-term aging effects	Environmental Pollution (Q1)	264: 114687	2020	6.792	0

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45	Shaheen, S. M., Antoniadis V., Kwon, E., Song, H., Wang, S.-L., Hseu, Z.-Y., Rinklebe J.	Soil contamination by potentially toxic elements and the associated human health risk in geo- and anthropogenic contaminated soils: A case study from the temperate region (Germany) and the arid region (Egypt)	Environmental Pollution (Q1)	262: 114312.	2020	6.792	2
46	Wang, H., Cao, X., Rinklebe, J.	Biochar effects on environmental qualities in multiple directions	Chemosphere (Q1)	250: 126306	2020	5.778	0
47	Fang Z., Gao, Y., Bolan, N., Shaheen, S. M., Xu, S., Wu, X., Xu, X., Hu H., Lin, J., Zhang, F., Li, J., Rinklebe, J. , Wang H.	Conversion of biological solid waste to graphene-containing biochar for water remediation: A critical review	Chemical Engineering Journal (Q1)	390: 124611	2020	10.652	0
48	Ali, A., Shaheen, S. M., Guo, D., Li, Y., Xiao, R., Wahid, F., Azeem, M., Sohail, K., Zhang, T., Rinklebe, J. , Li, R., Zhang, Z.	Apricot shell- and apple tree-derived biochar affect the fractionation and bioavailability of Zn and Cd as well as the microbial activity in smelter contaminated soil	Environmental Pollution	264: 114773	2020	6.792	0
49	Baumann, K., Shaheen, S. M., Hu, Y., Gros, P., Heilmann, E., Morshedizad, M., Wang, J., Wang, S.-L., Rinklebe, J. , Leinweber, P.	Speciation and sorption of phosphorus in agricultural soil profiles of redoximorphic character	Environmental Geochemistry and Health		2020	3.472	0
50	Wang, J., Shaheen, S.M., Anderson, C.W.N., Xing, Y., Liu, S., Xia, J., Feng, X., Rinklebe, J.	Nanoactivated Carbon Reduces Mercury Mobility and Uptake by Oryza sativa L: Mechanistic Investigation Using Spectroscopic and Microscopic Techniques	Environmental Science and Technology (Q1)	54.2698-2706	2020	7.149	0
51	Mensah, A.K., Marschner, B., Shaheen, S.M., Wang, S.-L., Rinklebe, J.	Arsenic contamination in abandoned and active gold mine spoils in Ghana: Geochemical fractionation, speciation, and assessment of the potential human health risk.	Environmental Pollution (Q1)	261: 114116	2020	6.792	1
52	Sonne, C., Lam, S.S., Kim, K.-H., Rinklebe, J. , Ok, Y.S.	Be cautious applying carbon-fluorine bonds in drug delivery	Chemosphere (Q1)	248: 125971	2020	5.778	0

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54	Abbas, Q., Yousaf, B., Amina, Ali, M.U., Munir M.A.M., El-Naggar, A., Rinklebe, J. , Naushad, M.	Transformation pathways and fate of engineered nanoparticles (ENPs) in distinct interactive environmental compartments: A review	Environment International (Q1)	138: 105646	2020	7.577	0
55	Chen, H., Yang, X., Wang, H., Sarkar, B., Shaheen, S.M., Gielen, G., Bolan, N., Guo, J., Che, L., Sun, H., Rinklebe, J.	Animal carcass- and wood-derived biochars improved nutrient bioavailability, enzyme activity, and plant growth in metal-phthalic acid ester co-contaminated soils: A trial for reclamation and improvement of degraded soils	Journal of Environmental Management (Q1)	261: 110246	2020	5.647	1
56	Wang, Z., Xiao, J., Wang, L., Liang, T., Guo, Q., Guan, Y., Rinklebe, J.	Elucidating the differentiation of soil heavy metals under different land uses with geographically weighted regression and self-organizing map	Environmental Pollution (Q1)	260: 114065	2020	6.792	0
57	Azeem, M., Sun, D., Crowley, D., Hayat, R., Hussain, Q., Ali, A., Tahir, M.I., Jeyasundar, P.G.S.A., Rinklebe, J. , Zhang, Z.	Crop types have stronger effects on soil microbial communities and functionalities than biochar or fertilizer during two cycles of legume-cereal rotations of dry land	Science of the Total Environment (Q1)	715: 136958	2020	6.551	0
58	Sonne, C., Ok, Y.S., Lam, S.S., Rinklebe, J. , Alstrup, A., Kim, K.-H.	First predatory journals, now conferences: The need to establish lists of fake conferences.	Science of the Total Environment (Q1)	715: 136990	2020	6.551	0
59	Xing, Y., Wang, J., Shaheen, S.M., Feng, X., Chen, Z., Zhang, H., Rinklebe, J.	Mitigation of mercury accumulation in rice using rice hull-derived biochar as soil amendment: A field investigation	Journal of Hazardous Materials (Q1)	388: 121747	2020	9.038	4
60	Fang, Z., Gao, Y., Wu, X., Xu, X., Sarmah, A.K., Bolan, N., Gao, B., Shaheen, S.M., Rinklebe, J. , Ok, Y.S., Xu, S., Wang, H.	A critical review on remediation of bisphenol S (BPS) contaminated water: Efficacy and mechanisms	Critical Reviews in Environmental Science and Technology (Q1)	50(5): 476-522	2020	8.302	0

61	Wu, C.-Y., Asano, M., Hashimoto, Y., Rinklebe, J. , Shaheen, S.M., Wang, S.-L., Hseu, Z.-Y.	Evaluating vanadium bioavailability to cabbage in rural soils using geochemical and micro-spectroscopic techniques	Environmental Pollution (Q1)	258: 113699.	2020	6.792	0
62	Li, R., Zhang, Y., Deng, H., Zhang, Z., Wang, J.J., Shaheend, S.M., Xiao, R., Rinklebe, J. , Xi, B., He, X., Du, J.	Removing tetracycline and Hg(II) with ball-milled magnetic nanobiochar and its potential on polluted irrigation water reclamation.	Journal of Hazardous Materials (Q1)	384: 121095.	2020	9.038	6
63	Sun, Y., Chen, S.S., Lau, A.Y.T., Tsang, D.C.W., Mohanty, S.K., Bhatnagar, A., Rinklebe, J. , Lin, K-Y., Ok, Y.S	Waste-derived compost and biochar amendments for stormwater treatment in bioretention column: co-transport of metals and colloids	Journal of Hazardous Materials (Q1)	383: 121243	2020	9.038	3
64	Beiyuan, J.Z., Awad, Y.M., Beckers, F., Wang, J.X., Tsang, D.C.W., Ok, Y.S., Wang, S.L., Wang, H.L., Rinklebe, J.	(Im)mobilization and speciation of lead under dynamic redox conditions in a contaminated soil amended with pine sawdust biochar	Environment International (Q1)	135: 105376	2020	7.577	0
65	Shaheen, S.M., El-Naggar, A., Antoniadis, V., Moghanm, F.S., Zhang, Z., Tsang, D.C.W., Ok, Y.S., Rinklebe, J.	Release of toxic elements in fishpond sediments under dynamic redox conditions: Assessing the potential environmental risk for a safe management of fisheries systems and degraded waterlogged sediments	Journal of Environmental Management (Q1)	255: 109778	2020	5.647	0
66	Vikrant, K., Kim, K., Szulejko, J., Boukhvalov, D., Shang, J., Rinklebe, J.	Evidence of inter-species swing adsorption between aromatic hydrocarbons	Environmental Research (Q2)	181: 108814	2020	6.096	1
67	Herath, I., Kumarathilaka, P., Bundschuh, J., Marchuk, A., Rinklebe, J.	A fast analytical protocol for simultaneous speciation of arsenic by Ultra-High Performance Liquid Chromatography hyphenated to Inductively Coupled Plasma Mass Spectrometry as a modern advancement in liquid chromatography approaches	Talanta (Q2)	208: 120457	2020	5.339	0

68	Matin, N.H., Jalali, M., Antoniadis, V., Shaheen, S.M., Wang, J., Zhang, T., Wang, H., Rinklebe, J.	Almond and walnut shell-derived biochars affect sorption-desorption fractionation, and release of phosphorus in two different soils	Chemosphere (Q1)	241: 124888	2020	5.778	4
69	Shakoor, M.B., Ali, S., Rizwan, M., Abbas, F., Bibi, I., Riaz, M., Khalil, U., Niazi, N.K., Rinklebe, J.	A review of biochar-based sorbents for separation of heavy metals from water	International Journal of Phytoremediation(Q2)	22(2). 111-126	2020	2.528	0
70	Palansooriya, K.N., Shaheen, S.M., Chen, S.S., Tsang, D.C.W., Hashimoto, Y., Hou, D.Y., Bolan, N.S., Rinklebe, J. , Ok, Y.S.	Soil amendments for immobilization of potentially toxic elements in contaminated soils: A critical review.	Environment International (Q1)	134: 105046	2020	7.577	16
71	El-Naggar, A., Lee, M.H., Hr, J., Lee, Y. H., Igalavithana, A.D., Shaheen, S.M., Ryu, C., Rinklebe, J. , Tang, D.C.W., Ok, Y.S.	Biochar-induced metal immobilization and soil biogeochemical process: an integrated mechanistic approach	Science of the Total Environment (Q1)	698: 134112	2020	6.551	7
72	Zhang, T., Wu, X., Shaheen, S.M., Zhao, Q., Liu, X., Rinklebe, J. , Ren, H.	Ammonium nitrogen recovery from digestate by hydrothermal pretreatment followed by activated hydrochar sorption	Chemical Engineering Journal (Q1)	379. 122254	2020	10.652	0
73	Tran, H.N., Nguyen, H.C., Woo, S.H., Nguyen, T.V., Vigneswaran, S., Hosseini-Bandegharai, A., Rinklebe, J. , Sarmah, A., Ivanets, A., Dotto, G.L., Bui, T.T., Juang, R.S., Chao, H.	Removal of various contaminants from water by renewable lignocellulose-derived biosorbents: a comprehensive and critical review	Critical reviews in Environmental Science and Technology (Q1)	49: 2155-2219	2019	8.302	7
74	Irshad, S., Liu, G., Yousaf, B., Ullah, H., Ali, M.U., Rinklebe, J.	Estimating the pollution characteristics and health risks of potentially toxic metal(loid)s in urban-industrial soils in the Indus basin, Pakistan.	Environmental Monitoring and Assessment (Q2)	191: 1-15.	2019	1.903	2

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76	Luo, J., He, W., Rinklebe, J. , Igalavithana, A.D., Tack, F.M.G., Ok, Y.S.	Distribution characteristics of Cd in different types of leaves of Festuca arundinacea intercropped with Cicer arietinum L.: A new strategy to remove pollutants by harvesting senescent and dead leaves	Environmental Research	179 Part A. 1088801	2019	6.096	1
77	Sun, H., Dan, A., Feng, Y., Vithanage, M., Mandal, S., Shaheen, S.M., Rinklebe, J. , Shi, W., Wang, H.	Floating duckweed mitigated ammonia volatilization and increased grain yield and nitrogen use efficiency of rice in biochar amended paddy soils	Chemosphere (Q1)	237. 124532	2019	5.778	3
78	Feizi, M., Jalali, M., Antoniadis, V., Shaheen, S.M., Ok, Y.S., Rinklebe, J.	Geo- and nano-materials affect the mono-metal and competitive sorption of Cd, Cu, Ni, and Zn in a sewage sludge-treated alkaline soil	Materials (Q1)	379. 120567	2019	7.650	1
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80	Vinthanage, M., Kumarathilaka, P., Oze, C., Karunatikake, S., Seneviratne, M., Hseu, Z.-Y., Gunarathne, V., Dassanayake, M., Ok, X., Rinklebe, J.	Occurrence and cycling of trace elements in ultramafic soils and their impacts on human health: A critical review	Environment International (Q1)	131: 104974	2019	7.577	2
81	Geng, N., Wu, Y., Zhang, M., Tsang, D.C.W., Rinklebe, J. , Xia, Y., Lu, D., Zhu, L., Palansooriya, K.N., Kim, K.-H., Ok, Y.S.	Bioaccumulation of potentially toxic elements by submerged plants and biofilms: A critical review	Environment International (Q1)	131: 105015	2019	7.577	1

82	Xiong, X., Liu, X., Yu, I., Wang, L., Zhou, J., Sun, X., Rinklebe, J. , Shaheen, S.M., Ok, Y.S., Lin, Z., Tsang, D.	Potentially toxic elements in solid waste streams: fate and management approaches	Environmental Pollution (Q1)	253: 680-707	2019	6.792	8
83	Palansooriya, K., Yang, Y., Tsang, Y., Sarkar, B., Hou, D., Cao, X., Meers, E., Rinklebe, J. , Kim, K., Ok, Y.S.	Occurrence of contaminants in drinking water sources and the potential of biochar for water quality improvement: A review	Critical Reviews in Environmental Science and Technology (Q1)	50(6): 549-611	2019	8.302	2
84	Bradney, L., Wijesekara, H., Palansooriya, K.N., Obadamudalige, N., Bolan, N.S., Ok, Y.S., Rinklebe, J. , Kim, K.-H., Kirkham, M.B.	Particulate plastics as a vector for toxic trace-element uptake by aquatic and terrestrial organisms and human health risk	Environment International (Q1)	131: 104937	2019	7.577	8
85	Ullah, H., Abbas, Q., Ali, M.U., Amina, A.I.C., Yousaf, B., Rinklebe, J.	Synergistic effects of low-/medium-vacuum carbonization on physicochemical properties and stability characteristics of biochars	Chemical Engineering Journal (Q1)	373: 44-57	2019	8.335	5
86	Li, J., Wang, S.-L., Zhen, L., Chen, D., Wu, Z., Xie, Y., Wu, W., Niazi, N.K., Ok, Y.S., Rinklebe, J. , Wang, H.	Sorption of lead in soil amended with coconut fiber biochar: geochemical and spectroscopic investigations	Geoderma (Q1)	350: 52-60	2019	4.848	8
87	Chen, H., Yang, X., Gielen, G., Mandal, S., Xu, S., Guo, J., Shaheen, S.M., Rinklebe, J. , Che, L., Wang, H.	Effect of biochars on the bioavailability of cadmium and di-(2-ethylhexyl) phthalate to Brassica chinensis L. in contaminated soils	Science of the Total Environment (Q1)	678: 43-52	2019	6.551	9
88	Awad, Y.M., Vithanage, M., Niazi, N.K., Rizwan, M., Rinklebe, J. , Yang, J.E., Ok, Y.S., Lee, S.S.	Correction to: Potential toxicity of trace elements and nanomaterials to Chinese cabbage in arsenic- and lead- contaminated soil amended with biochars	Environmental Geochemistry and Health (Q1/Q2)	41(4): 1805-1806	2019	3.472	0
89	Liu, J., Wang, J., Ning, Y., Yang, S., Wang, P., Shaheen, S.M., Feng, X., Rinklebe, J.	Methylmercury production in a paddy soil and its uptake by rice plants as affected by different geochemical mercury pools	Environment International (Q1)	129: 461-469	2019	7.577	10

90	Awad, Y.M., Vithanage, M., Niazi, N.K., Rizwan, M., Rinklebe, J. , Yang, J.E., Ok, Y.S., Lee, S.S.	Potential toxicity of trace elements and nanomaterials to Chinese cabbage in arsenic- and lead- contaminated soil amended with biochars	Environmental Geochemistry and Health (Q1/Q2)	41: 1777-1791	2019	3.472	9
91	Lahori, A.H., Zhang, Z., Shaheen, S.M., Rinklebe, J. , Guo, Z., Li, R., Mahar, A., Wang, Z., Ren, C., Mi, S., Liu, T., Jing, R.	Mono-and co-applications of Ca-bentonite with zeolite, Ca-hydroxide, and tobacco biochar affect phytoavailability and uptake of copper and lead in a gold mine-polluted soil	Journal of Hazardous Materials (Q1)	374: 401-411	2019	9.038	2
92	El-Naggar, A., El-Naggar, A.H., Shaheen, S.M., Sarkar, B., Chang, S.X., Tsang, D., Rinklebe, J., Ok, Y.S.	Biochar composition-dependent impacts on soil nutrient release, carbon mineralization, and potential environmental risk: A review	Journal of Environmental Management (Q1)	241: 458-467	2019	5.647	20
93	Beckers, F., Mothes, S., Abrigata, J., Zhao, J., Gao, Y., Rinklebe, J.	Mobilization of mercury species under dynamic laboratory redox conditions in a contaminated floodplain soil as affected by biochar and sugar beet factory lime	Science of the Total Environment (Q1)	672: 604-617	2019	6.551	4
94	Li, J., Zheng, L., Wang, S.L., Su, Z., Wu, Z., Niazi, N.K., Shaheen, S.M., Rinklebe, J. , Bolan, N., Ok, Y.S., Wang, H.	Sorption mechanisms of lead on Si-rich biochar in aqueous solution: Spectroscopic investigation	Science of the Total Environment (Q1)	672: 572-582	2019	6.551	13
95	Van, H.T., Nguyen, L.H., Nguyen, V.D., Nguyen, X.H., Nguyen, T.V., Vigneswaran, S., Rinklebe, J. , Tran, H.N.	Characteristics and mechanisms of cadmium adsorption onto biogenic aragonite shells-derived biosorbent: Batch and column studies	Journal of Environmental Management (Q1)	241: 535-548	2019	5.647	13
96	Bank, M.S., Rinklebe, J. , Feng, X., Xu, X., Lin, D-J.	Mercury cycling and bioaccumulation in a changing environment	Science of the Total Environment (Q1)	670: 345	2019	6.551	0
97	Xia, S., Song, Z., Jeyakumar, P., Shaheen S.M., Rinklebe, J. , Ok, Y-S., Bolan, N., Wang, H.	A critical review on bioremediation technologies for Cr(VI)-contaminated soils and wastewater	Critical Reviews in Environmental Science and Technology (Q1)	49(12): 1027-1078	2019	8.302	34

98	Wang, J., Shaheen, S.M., Swertz, A.-C., Rennert, T., Feng, X., Rinklebe, J.	Sulfur-modified organoclay promotes plant uptake and affects geochemical fractionation of mercury in a polluted floodplain soil	Journal of Hazardous Materials (Q1)	371: 687-693	2019	9.038	10
99	Beckers, F., Awad, Y.M., Beiyuan, J., Abridgata, J., Mothes, S., Tsang, D.C.W., Ok, Y.S., Rinklebe, J.	Impact of biochar on mobilization, methylation, and ethylation of mercury under dynamic redox conditions in a contaminated floodplain soil	Environment International (Q1)	127: 276-290	2019	7.577	16
100	Igalavithana, A.D., Kwon, E.E., Vithanage, M., Rinklebe, J. , Moon, D.H., Meers, E., Tsang, D., Ok, Y.S.	Soil lead immobilization by biochars in short-term laboratory incubation studies	Environment International (Q1)	127: 190-198	2019	7.577	10
101	Antoniadis, V., Shaheen, S.M., Levizou, E., Shahid, M., Niazi, N.K., Vithanage, M., Ok, Y.S., Bolan, N., Rinklebe, J.	A critical prospective analysis of the potential toxicity of trace element regulation limits in soils worldwide: Are they protective concerning health risk assessment? – A review	Environment International (Q1)	127: 819-847	2019	7.577	28
102	Hussain, A., Ali, S., Rizwan, M., Rehman, M.Z.U., Qayyum, M.F., Wang, H., Rinklebe, J.	Responses of wheat (<i>Triticum aestivum</i>) plants grown in a Cd contaminated soil to the application of iron oxide nanoparticles	Ecotoxicology and Environmental Safety (Q1)	173, 156-164	2019	4.872	7
103	Shaheen, S.M., Niazi, N.K., Hassan, N.E.E., Bibi, I., Wang, H., Tsang, D.C., Ok, Y.S., Rinklebe, J.	Wood-based biochar for removal of potentially toxic elements in water and wastewater: A critical review	International Materials Reviews (Q1)	64(4), 216-247	2019	14.429	54
104	Zhong, H., Li, P., Shi, J., Rinklebe, J. , Feng, X.	Recent progress in mercury research by young Chinese scholars	Bulletin of Environmental Contamination and Toxicology (Q3)	102(5), 595-596	2019	1.657	0
105	Shaheen, S.M., Wang, J., Swertz, A., Bolan, N., Feng, X., Rinklebe, J.	Enhancing phytoextraction of potentially toxic elements in a polluted floodplain soil using sulfur-impregnated organoclay	Environmental Pollution (Q1)	248, 1059-1066	2019	6.792	4

106	O'Connor, D., Hou, D., Ok, Y.S., Mulder, J., Duan, L., Wu, Q., Wang, S., Tack, F.M.G., Rinklebe, J.	Mercury speciation, transformation, and transportation in soils, atmospheric flux, and implications for risk management: a critical review	Environment International (Q1)	126, 747-461	2019	7.577	31
107	Melo, T.M., Bottlinger, M., Schulz, E., Leandro, W.M., de Oliveira, S.B., de Aguiar Filho, A.M., El-Nagar, A., Bolan, N., Wang, H., Ok, Y.S., Rinklebe, J.	Management of biosolids-derived hydrochar (Sewchar): Effect on plant germination, and farmers' acceptance	Journal of Environmental Management (Q1)	237, 200-214	2019	5.647	10
108	Melo, T.M., Bottlinger, M., Schulz, E., Leandro, W.M., de Aguiar Filho, A.M., Ok, Y.S., Rinklebe, J.	Corrigendum to "Plant and soil responses to hydrothermally converted sewage sludge (sewchar)	Chemosphere (Q1)	206, 338-348	2019	5.778	0
109	Rinklebe, J. , Antoniadis, V., Shaheen, S.M., Rosche, O., Altermann, M.	Health risk assessment of potentially toxic elements in soils along the Central Elbe River, Germany	Environment International (Q1)	126, 76-88	2019	7.577	22
110	Salam, A., Shaheen, S.M., Bashir, S., Khan, I., Wang, J., Rinklebe, J. , Rehman, U.F., Hu, H.	Rice straw- and rapeseed residue-derived biochars affect the geochemical fractions and phytoavailability of Cu and Pb to maize in a contaminated soil under different moisture content	Journal of Environmental Management	237, 5-14	2019	5.647	10
111	El-Naggar, A., Shaheen, S.M., Hseu, Z., Wang, S-L., Ok, Y.S., Rinklebe, J.	Release dynamics of As, Co, and Mo in a biochar treated soil under pre-definite redox conditions	Science of the Total Environment (Q1)	657: 686-695	2019	6.551	13
112	Shaheen, SM., Balbaa, A.A., Khatab, A.M., Antoniadis, V., Wang, J., Rinklebe, J.	Biowastes alone and combined with sulfur affect the phytoavailability of Cu and Zn to barnyard grass and sorghum in a fluvial alkaline soil under dry and wet conditions	Journal of Environmental Management (Q1)	234: 440-447	2019	5.647	4
113	Mihajlovic, J., Bauriegel, A., Stärk, H.-J., Roßkopf, N., Zeitz, J., Milbert, G., Rinklebe, J.	Rare earth elements in soil profiles of various ecosystems across Germany	Applied Geochemistry (Q2)	102: 197-217	2019	2.903	1

114	Shaheen S.M., Alessi, D.S., Tack, F.M.G., Ok, Y.S., Kim, K.-H., Gustafsson, J.P., Sparks, D.L., Rinklebe, J.	Redox chemistry of vanadium in soils and sediments: interactions with colloidal materials, mobilization, speciation, and relevant environmental implication s- A review	Advances in Colloid and Interface Sciences (Q1)	265: 1-13	2019	9.922	10
115	Antoniadis, V., Golia, E.E., Liu, Y., Wang, S., Shaheen, S.M., Rinklebe, J.	Soil and maize contamination by trace elements and associated health risk assessment in the industrial area of Volos, Greece	Environment International (Q1)	124: 78-88	2019	7.577	15
116	El-Naggar, A., Lee, S.S., Rinklebe, J. , Farooq, M., Song, H., Sarmah, A.K., Zimmerman, A.R., Ahmad, M., Shaheen, S.M., Ok, Y.-S.	Biochar application to low fertility soils: A review of current status, and future prospects	Geoderma (Q1)	337: 536-554	2019	4.848	64
117	Tao, H.-C., Xu, Z.-H., Rinklebe, J. , Huo, X.	Environmental and health impacts of geochemical cycles of persistent toxic substances in food productions systems: Editorial to the special issue for the 8 th International Conference on Geochemistry in the Tropics and Sub-tropics (GeoTrop 2017)	Environmental Geochemistry and Health (Q1/Q2)	41(1): 1-4	2019	3.472	0
118	Bakshi, M., Ghosh, S., Ram, S., Sudarshan, M., Chakraborty, A., Biswas, J.K., Shaheen, S.M., Niazi, N.K., Rinklebe, J. , Chaudhuri, P.	Sediment quality, elemental bioaccumulation and antimicrobial properties of mangroves of Indian Sundarban	Environmental Geochemistry and Health (Q1/Q2)	41(1): 275-296	2019	3.472	2
119	Antić-Mladenović, S., Kresović, M., Čakmak, D., Perović, V., Rinklebe, J.	Impact of a severe flood on large-scale contamination of arable soils by potentially toxic elements (Serbia)	Environmental Geochemistry and Health (Q1/Q2)	41(1): 249-266	2019	3.472	1
120	Ghosh, S., Bakshi, M., Bhattacharyya, S., Biswas, J.K., Kumar, A., Ramanathan, A. L., Chaudhuri, P., Shaheen, S.M., Rinklebe, J.	Assessing the potential ecological risk of Co, Cr, Cu, Fe and Zn in the sediments of Hooghly-Matla estuarine system	Environmental Geochemistry and Health (Q1/Q2)	41(1): 53-70	2019	3.472	9

121	Shakoor, M.B., Niazi, N.K., Bibi, I., Shahid, M., Saqib, Z.A., Muhammad, M.F., Shaheen, S.M., Wang, H., Tsang, D., Bundschuh, J., Ok, Y., Rinklebe, J.	Exploring the arsenic removal potential of various biosorbents from water	Environment International (Q1)	123: 567-579	2019	7.577	15
122	Shaheen, S.M., Abdelrazik, M., Elthoth, M., Elhabashy, N., Hamzah, A., Mohamed, R., Moghanm, F.S., Wang, J., Rinklebe, J.	Potentially toxic elements in saltmarsh sediments and common reed (<i>Phragmites australis</i>) of Burullus coastal lagoon at North Nile Delta, Egypt: A survey and risk assessment	Science of the Total Environment (Q1)	649: 1237-1249	2019	6.551	10
123	Tack, F.M.G., Rinklebe, J. , Ok, Y.S.	Interactions between biochar and trace elements in the environment	Science of the Total Environment (Q1)	649. Page 792	2019	6.551	4
124	Abbas, Q., Yousaf, B., Ullah, H., Ali, M.U., Ok Y.S., Rinklebe J.	Environmental transformation and nano-toxicity of engineered nanoparticles (ENPs) in aquatic and terrestrial organisms.	Critical Reviews Environmental Science and Technology (Q1)	doi:10.1080/10643389.2019.1705721	2019	8.302	1
125	Abbas, Q., Ullah, H., Ali, M., Rehmand, A., Rizwan, M., Rinklebe, J.	Biochar-induced immobilization and transformation of silver-nanoparticles affect growth, intracellular-radicles generation and nutrients assimilation by reducing oxidative stress in maize	Journal of Hazardous Materials (Q1)	doi.org/10.1016/j.jhazmat.2019.12.1976	2019	9.038	1
126	Wang, L., Hou, D., Shen, Z. Zhu, J., Jia, X., Ok, Y.S., Tack, F.M.G., Rinklebe, J.	Field trials of phytomining and phytoremediation: A critical review of influencing factors and effects of additives	Critical Reviews in Environmental Science and Technology (Q1)	doi.10.1080/10643389.2019.1705724	2019	8.302	1
127	Shahid, M., Niazi, N.K., Rinklebe, J. , Bundschuh, J., Dumat, C., Pinelli, E.	Trace elements-induced phytohomeosis: A critical review and mechanistic interpretation	Critical Reviews in Environmental Science and Technology (Q1)	doi.10.1080/10643389.2019.1689061	2019	8.302	1
128	Hussain, M.M., Bibi, I., Shahid, M., Shaheen, S.M., Shakoor, M., Bashir, S., Younas, F., Rinklebe, J. , Niazi, N.	Biogeochemical cycling, speciation and transformation pathways of arsenic in aquatic environments with the emphasis on algae	Comprehensive Analytical Chemistry	85: 15-51	2019	-	1

129	Ramesh, T., Bolan, N., Kirkham, M.B., Wijesekara, H., Kanchikerimath, M., Rao, C., Sandeep, S., Rinklebe, J. , Ok, Y.S., Choudhury, B., Wang, H., Tang, C., Wang, X., Song, Z., Freeman, O.W.	Soil organic carbon dynamics: Impact of land use changes and management practices: A review.	Advances in Agronomy	156: 1-107	2019	5.279	10
130	Niazi, N.K., Bibi, I., Shahid, M., Ok, Y.S., Shahee, S.M., Rinklebe, J. , Wang, H., Murtaza, B., Islam, E., Nawaz, M.F., Lüttge, A.	Arsenic removal by natural and chemically modified water melon rind in aqueous solutions and groundwater	Science of the Total Environment (Q1)	645: 1444-1455	2018	6.551	21
131	El-Naggara, A., Lee, S.S., Awad, Y.M., Yang, X., Ryu, C., Rizwang, M., Rinklebe, J. , Tsang, D.C.W., Ok, Y.S.	Influence of soil properties and feedstocks on biochar potential for carbon mineralization and improvement of infertile soils	Geoderma (Q1)	332: 100-108	2018	4.848	49
132	Rinklebe, J. , Tack, F.M.G., Knox, A.S.	Trace elements in the cycle of soils, sediments, waters, and plants: Editorial to the special issue	Chemosphere (Q1)	213: 610	2018	5.778	0
133	Wang, J., Anderson, C. W.N., Xing, Y., Fan, Y., Xia, J., Shaheen, S.M., Rinklebe, J. , Feng, X.	Thiosulphate-induced phytoextraction of Hg in <i>Brassica juncea</i> : spectroscopic investigations to define a mechanism for Hg translocation	Environmental Pollution (Q1)	242: 986-993	2018	6.792	9
134	Melo, T.M., Bottlinger, M., Schulz, E., Leandro, W.M., Filho, A.M.A., Wang, H., Ok, Y.S., Rinklebe, J.	Plant and soil responses to hydrothermally converted sewage sludge (sewchar)	Chemosphere (Q1)	206: 338-348	2018	5.778	16
135	Luo, J., Li, X., Ge, C., Müller, K., Yu, H., Huang, P., Li, J., Tsang, D.C.W., Bolan, N.S., Rinklebe, J. , Wang, H.	Sorption of norfloxacin, sulfamerazine and oxytetracycline by KOH-modified biochar under single and ternary systems	Bioresource Technology (Q1)	263: 385-392	2018	7.539	35

136	Song, C., Shan, S., Müller, K., Wu, S., Niazi, N.K., Xu, S., Shen, Y., Rinklebe, J. , Liu, D., Wang, H.	Characterization of pig manure-derived hydrochars for their potential application as fertilizer	Environmental Science and Pollution Research (Q2)	25(26): 25772-25779	2018	3.056	14
137	Elbana, T.A., Selim, H.M., Akramai, N., Newman, A., Sabry, M.S., Rinklebe, J.	Freundlich Sorption Parameters for Cadmium, Copper, Nickel, Lead, and Zinc for Different Soils: Influence of Kinetics	Geoderma (Q1)	324: 80-88	2018	4.848	14
138	Biswas, J.K., Banerjee, A., Rai, M.K., Rinklebe, J. , Shaheen, S.M., Sarkar, S.K., Dash, M.C., Kaviraj, A., langer, U., Song, H., Vithanage, M., Mondal, M., Niazi, N.K.	Exploring potential applications of a novel extracellular polymeric substance synthesizing bacterium (<i>Bacillus licheniformis</i>) isolated from gut contents of earthworm (<i>Metaphire posthuma</i>) in environmental remediation	Biodegradation (Q2)	29(4): 323-337	2018	2.805	5
139	Shaheen, S.M., Ali, R.A., Abowaly, M.E., Rabie, A.E.-M., Abbasy, N.E.E., Rinklebe, J.	Assessing the mobilization of As, Cr, Mo, and Se in Egyptian lacustrine and calcareous soils using sequential extraction and biogeochemical microcosm techniques	Journal of Geochemical Exploration (Q2)	191: 28-42	2018	3.352	11
140	Mihajlovic, J., Rinklebe, J.	Rare earth elements in German soils - A review	Chemosphere (Q1)	205: 514-523	2018	5.778	7
141	Beiyuan, J., Tsang, D.C.W., Valix, M., Baek, K., Ok, Y.S., Zhang, W., Bolan, N.S., Rinklebe, J. , Li, X.-D.	Combined application of EDDS and EDTA for removal of potentially toxic elements under multiple soil washing schemes	Chemosphere (Q1)	205: 178-187	2018	5.778	19
142	Rizwan, M., Ali, S., Zia ur Rehman, M., Rinklebe, J. , Tsang, D., Bashir, A., Maqbool, A., Tack, F., Ok, Y.S.	Cadmium phytoremediation potential of Brassica crop species: A review	Science of the Total Environment (Q1)	631-332: 1175-1191	2018	6.551	62
143	Li, W., Wu, M., Liu, M., Jiang, C., Kuzyakov, Y., Rinklebe, J. , Li, Z.	Erratum: Responses of soil enzyme activities and microbial community composition to moisture regimes in paddy soils under long-term fertilization practices	Pedosphere (Q2)	28(3): 520	2018	3.736	0

144	Koetsem, F.V., Woldetsadik, G.S., Folens, K., Rinklebe, J. , Du Laing, G.	Partitioning of Ag and CeO ₂ nanoparticles versus Ag and Ce ions in soil suspensions and effect of natural organic matter on CeO ₂ nanoparticles stability	Chemosphere (Q1)	200: 471-480	2018	5.778	7
145	Nie, C., Yang, X., Niazi, N., Xu, X., Wen, Y., Rinklebe, J. , Ok, Y.S., Xu, S., Wang, H.	Impact of sugarcane bagasse-derived biochar on heavy metal availability and microbial activity: A field study	Chemosphere (Q1)	200: 274-282	2018	5.778	49
146	He, L., Fan, S., Müller, K., Wang, H., Che, L., Xu, S., Yuan, G., Rinklebe, J. , Tsang, D., Ok, Y.S., Bolan, N.S.	Comparative analysis biochar and compost-induced degradation of di-(2-ethylhexyl) phthalate in soils	Science of the Total Environment (Q1)	625: 987-993	2018	6.551	25
147	Kumarathilaka, P., Ahmad, M., Herath, I., Mahatantila, K., Athapattu, B.C.L., Rinklebe, J. , Ok, Y.S., Usman, A., Al-Wabel, M.I., Abduljabbar, A., Vithanage, M.	Influence of bioenergy waste biochar on proton- and ligand-promoted release of Pb and Cu in a shooting range soil	Science of the Total Environment (Q1)	625: 547-554	2018	6.551	9
148	Awad, Y.M., Ok, Y.S., Abriqata, J., Beiyuan, J., Beckers, F., Tsang, D.C.W, Rinklebe, J.	Pine sawdust biomass and biochars at different pyrolysis temperatures change soil redox processes	Science of the Total Environment (Q1)	625: 147-154	2018	6.551	14
149	El-Naggar, A., Shaheen, S.M., Ok, Y.S., Rinklebe, J.	Biochar affects the dissolved and colloidal concentrations of Cd, Cu, Ni, and Zn and their phytoavailability and potential mobility in a mining soil under dynamic redox-conditions	Science of the Total Environment (Q1)	624: 1059-1071	2018	6.551	54

150	Wijesekara, H., Bolan, N.S., Bradney, L., Obadamudalige, N., Seshadri, B., Kunhikrishnan, A., Dharmarajan, R., Ok, Y.S., Rinklebe, J. , Kirkham, M.B., Vithanage, M.	Trace element dynamics of biosolids-derived microbeads	Chemosphere (Q1)	199: 331-339	2018	5.778	8
151	Qin, P., Wang, H., Yang, X., He, L., Müller, K., Shaheen, S.M., Xu, S., Rinklebe, J. , Tsang, D., Ok, Y.S., Bolan, N., Zhaoliang, S., Che, L., Xu, X.	Bamboo- and pig derived biochars reduce leaching losses of dibutyl phthalate, cadmium, and lead from co-contaminated soils	Chemosphere (Q1)	198: 450-459	2018	5.778	40
152	Niazi, N.K., Bibi, I., Shahid, M., Ok, Y.S., Shaheen, S.M., Rinklebe, J. , Wang, H., Murtaza, B., Islam, E., Nawaz, M.F., Lüttge., A.	Arsenic removal by Japanese oak wood biochar in aqueous solutions and well water: Investigating arsenic fate using integrated spectroscopic and microscopic techniques	Science of the Total Environment (Q1)	621: 1642-1651	2018	6.551	50
153	Li, W., Wu, M., Liu, M., Jiang, C., Chen, X., Kuzyakov, Y., Rinklebe, J. , LI, Z.	Responses of soil enzyme activities and microbial community composition to moisture regimes in paddy soils under long-term fertilization practices	Pedosphere (Q2)	28(2): 323-331	2018	3.736	7
154	Shaheen, S.M., Tsadilas, C.D., Niazi, N.K., Hseu, Z-Y., Ok, Y.S., Selim, M., Rinklebe, J.	Impact of biosolid application rates on competitive sorption and distribution coefficients of Cd, Cu, Ni, Pb, and Zn in an Alfisol and an Entisol	Process Safety and Environmental Protection (Q1/Q2)	115: 38-48	2018	4.966	5
155	Antoniadis, V., Zanni, A.A., Levizou, E., Shaheen, S.M., Dimirkou, A., Bolan, N., Rinklebe, J.	Modulation of hexavalent chromium toxicity on <i>Origanum vulgare</i> in an acidic soil amended with peat, lime, and zeolite	Chemosphere (Q1)	195: 291-300	2018	5.778	12

156	Melo, T.M., Bottlinger, M., Schulz, E., Leandro, W.M., de Aguiar Filho, A.M., Ok, Y.S., Rinklebe, J.	Correction to: Effect of biosolid hydrochar on toxicity to earthworms and brine shrimp	Environmental Geochemistry and Health (Q1/Q2)	40(1): 557-558	2018	3.472	0
157	Shaheen, S.M., Antoniadis, V., Biswas, J.K., Wang, H., Ok, Y.S., Rinklebe, J.	Correction to: Biosolids application affects the competitive sorption and lability of cadmium, copper, nickel, lead, and zinc in fluvial and calcareous soils	Environmental Geochemistry and Health (Q1/Q2)	40 (1): 561–562	2018	3.472	0
158	Sarkar, S.K.; Mondal, P., Biswas, J.K., Kwon, E.E., Ok, Y.S., Rinklebe, J.	Correction to: Trace elements in surface sediments of the Hooghly (Ganges) estuary: distribution and contamination risk assessment	Environmental Geochemistry and Health (Q1/Q2)	40(1): 567	2018	3.472	0
159	Rennert, T., Georgiadis, A., Ghong, N.P., Rinklebe, J.	Compositional variety of soil organic matter in mollic floodplain-soil profiles- Also an indicator of pedogenesis	Geoderma (Q1)	311: 15-24	2018	4.848	4
160	Niazi, N.K., Bibi, I., Shahid, M., Ok, Y.S., Burton, E.D., Wang, H., Shaheen, S.M., Rinklebe, J. , Lütte, A.	Arsenic removal by perilla leaf biochar in aqueous solutions and groundwater: An integrated spectroscopic and microscopic examination	Environmental Pollution (Q1)	232: 31-41	2018	6.792	81
161	Antoniadis, V., Shaheen, S.M., Tsadilas, C.D., Selim, M.H., Rinklebe, J.	Zinc sorption by different soils as affected by selective removal of carbonates and hydrous oxides	Applied Geochemistry (Q2)	88: 49-58	2018	2.903	10
162	Shaheen, S.M., Rinklebe, J.	Vanadium in thirteen different soil profiles originating from Germany and Egypt: geochemical fractionation and potential mobilization	Applied Geochemistry (Q2)	88: 288-301	2018	2.903	18
163	Rinklebe, J. , Shaheen, S.M.	Geochemical distribution of Co, Cu, Ni, and Zn in soil profiles of Fluvisols, Luvisols, Gleysols, and Calcisols originating from Germany and Egypt	Geoderma (Q1)	307: 122-138	2017	4.848	26
164	Yoon, K., Cho, D.W., Tsanq, D.C.W., Bolan, N., Rinklebe, J. , Sonq, H.	Fabrication of engineered biochar from paper mill sludge and its application into removal of arsenic and cadmium in acidic water	Bioresource Technology (Q1)	246: 69-75	2017	7.539	33

165	Melo, T.M., Bottlinger, M., Schulz, E., Leandro, W.M., de Aguiar, Ok, Y.S., Rinklebe, J.	Effect of biosolid hydrochar on toxicity to earthworms and brine shrimp	Environmental Geochemistry and Health (Q1/Q2)	40(1): 57-558	2017	3.472	4
166	Rennert, T., Rinklebe, J.	Modelling the potential mobility of Cd, Cu, Ni, Pb and Zn in Mollic Fluvisols	Environmental Geochemistry and Health (Q1/Q2)	39(6): 1291-1304	2017	3.472	6
167	Shaheen, S.M., Balbaa, A.A., Khatab, A.M., Rinklebe, J.	Compost and sulfur affect the mobilization and phytoavailability of Cd and Ni to sorghum and barnyard grass in a spiked fluvial soil	Environmental Geochemistry and Health (Q1/Q2)	39: 1305-1324	2017	3.472	6
168	Sarkar, S.K., Mondal, P., Biswas, J.K., Ok, Y.S., Rinklebe, J.	Trace elements in surface sediments of the Hooghly (Ganges) estuary: distribution and contamination risk assessment	Environmental Geochemistry and Health (Q1/Q2)	39(6): 1245-1258	2017	3.472	150
169	Biswas, J.K., Mondal, M., Rinklebe, J. , Sarkar, S.K., Chaudhuri, P., Rai, M., Shaheen, S.M., Song, H., Rizwan, M.	Multi-metal resistance and plant growth promotion potential of a wastewater bacterium <i>Pseudomonas aeruginosa</i> and its synergistic benefits	Environmental Geochemistry and Health (Q1/Q2)	39: 1583-1893	2017	3.472	11
170	Biswas, J.K., Shaheen, S.M., Rinklebe, J. , Sarkar, S.K.	Impact of raking and bioturbation-mediated ecological manipulation on sediment-water phosphorus diagenesis: A mesocosm study supported with radioactive signature	Environmental Geochemistry and Health (Q1/Q2)	39: 1563-1581	2017	3.472	1
171	Rana, S., Biswas, J.K., Rinklebe, J. , Meers, E., Bolan, N.	Harnessing fertilizer potential of human urine in a mesocosm system: a novel test case for linking the loop between sanitation and aquaculture	Environmental Geochemistry and Health (Q1/Q2)	39(6): 1545-1561	2017	3.472	1
172	Shaheen, S.M., Antoniadis, V., Biswas, J.K., Wang, H., Ok, Y.S., Rinklebe, J.	Biosolids application affects the competitive sorption and lability of cadmium, copper, nickel, lead, and zinc in fluvial and calcareous soils	Environmental Geochemistry and Health (Q1/Q2)	39: 1365-1379	2017	3.472	10
173	Lee, T., Lee, J., Ok, Y.S., Oh, J.-I., Lee, S.-R., Rinklebe, J. , Kwon, E.E.	Utilizing CO ₂ to suppress the generation of harmful chemicals from thermal degradation of polyvinyl chloride	Journal of Cleaner Production (Q1)	162: 1465-1471	2017	7.246	6

174	Hasan, Z., Rinklebe, J. , Ok, Y.S., Cho, D.-W., Song, H.	Metal organic framework (MOF) derived Cu-carbon composite: an efficient non-noble metal catalyst for reduction of hexavalent chromium and pendimethalin	Journal of Industrial and Engineering Chemistry (Q1)	25: 331-337	2017	5.278	11
175	Antoniadis, V., Levizou, E., Shaheen, S.M., Ok, Y.S., Sebastian, A., Baum, C., Prasad, M.N.V., Wenzel, W.W., Rinklebe, J.	Trace elements in the soil-plant interface: Phytoavailability, translocation, and phytoremediation—A Review	Earth-Science Reviews (Q1)	171: 621-645	2017	9.724	119
176	Shaheen, S.M., Shams, M.S., Khalifa, M.R., El-Dali, M.A., Rinklebe, J.	Various soil amendments and wastes affect the (im)mobilization and phytoavailability of potentially toxic elements in a sewage effluent irrigated sandy soil	Ecotoxicology and Environmental Safety (Q1)	142: 375-387	2017	3.252	21
177	LeMonte, J.J., Stuckey, J.W., Tappero, R., Rinklebe, J. , Sparks, D.L.	Sea level rise induced arsenic release from historically contaminated coastal soils	Environmental Science & Technology (Q3)	51(11). 5913-5922.	2017	4.872	30
178	Georgiadis, A., Rinklebe, J. , Straubinger, M., Rennert, T.	Silicon fractionation in Mollic Fluvisols along the Central Elbe River, Germany	Catena (Q1)	153: 100-105	2017	4.333	4
179	Choi, D., Lee, J., Tsang, Y.F., Kim, K.-H., Rinklebe, J. , Kwon, E.E.	Modification of hydrothermal liquefaction products from <i>Arthrospira platensis</i> by using carbon dioxide	Algal Research	24(A). 148-153	2017	3.723	6
180	Abbas, T., Rizwan, M., Ali, S., Zia-Ur-Rehman, M., Qayyum, F.M., Abbas, F., Hannan, F., Rinklebe, J. , Ok, Y.S.	Effect of biochar on cadmium bioavailability and uptake in wheat (<i>Triticum aestivum L.</i>) grown in a soil with aged contamination	Ecotoxicology and Environmental Safety (Q1)	140: 37-47	2017	4.872	95
181	Awad, Y.M., Vithanage, M., Niazi, N.K., Rizwan, M., Rinklebe, J. , Yang, J.E., Ok, Y.S., Lee, S.S.	Potential toxicity of trace elements and nanomaterials to Chinese cabbage in arsenic- and lead contaminated soil amended with biochars	Environmental Geochemistry and Health (Q1/Q2)	Jan 15	2017	3.472	9

182	Beckers, F., Rinklebe, J.	Cycling of mercury in the environment: sources, fate and human health implications: a review	Critical Reviews in Environmental Science and Technology (Q1)	47(9). 693-794	2017	8.302	66
183	Rennert, T., Rabus, W., Rinklebe, J.	Modelling the concentrations of dissolved contaminants (Cd, Cu, Ni, Pb, Zn) in floodplain soils	Environmental Geochemistry Health (Q1/Q2)	39: 331-344	2017	3.472	10
184	Antoniadis, V., Golia, E.E., Shaheen, S.M., Rinklebe, J.	Bioavailability and health risk assessment of potentially toxic elements in Thriassio Plain, near Athens, Greece	Environmental Geochemistry and Health (Q1/Q2)	39: 319-330	2017	3.472	20
185	Vithanage, M., Herath, I., Joseph, S., Bundschuh, J., Bolan, N., Ok, Y.S., Kirkham, M.B., Rinklebe, J.	Interaction of arsenic with biochar in soil and water: a critical review	Carbon (Q1)	113: 219-230	2017	8.821	66
186	Rennert, T., Ghong, N.P., Rinklebe, J.	Permanganate-oxidizable soil organic matter in floodplain soils	Catena (Q1)	149: 381-384	2017	3.851	6
187	Antić-Mladenović, S., Frohne, T., Kresović, M., Stärk, H.-J., Tomić, Z., Ličina, V., Rinklebe, J.	Biogeochemistry of Ni and Pb in a periodically flooded arable soil: Fractionation and Redox-induced (im)mobilization.	Journal of Environmental Management (Q1)	186: 141-150	2017	5.647	18
188	Antić-Mladenović, S., Frohne, T., Kresović, M., Stärk, H.-J., Tomić, Z., Ličina, V., Rinklebe, J.	Biogeochemistry of Ni and Pb in a periodically flooded arable soil: Fractionation and Redox-induced (im)mobilization	Journal of Environmental Management (Q1)	186: 141-150	2017	5.647	16
189	Rinklebe, J. , Kumpiene, J., Laing, G.D., Ok, Y.S.	Biogeochemistry of trace elements in the environment	Journal of Environmental Management (Q1)	186: 127-320	2017	5.647	18
190	Seneviratne, M., Weerasundara, L., Ok, Y.S., Rinklebe, J. , Vithanage, M.	Phytotoxicity attenuation in <i>Vigna radiata</i> under trace metal stress at the presence of biochar and N fixing bacteria	Journal of Environmental Management (Q1)	186: 293-300	2017	5.647	21
191	Van Koetsem, F., Verstraete, S., Wallaert, E., Verbeken, K., Van der Meeren, P., Rinklebe, J. , Du Laing, G.	Use of filtration techniques to study environmental fate of engineered metallic nanoparticles: Factors affecting filter performance	Journal of Hazardous Materials (Q1)	322: 105-117	2017	9.038	14

192	Shaheen, S.M., Frohne, T., White, J., DeLaune, R., Rinklebe, J.	Redox-induced mobilization of copper, selenium, and zinc in deltaic soils originating from Mississippi (U.S.A.) and Nile (Egypt) River Deltas: A better understanding of biogeochemical processes for safe environmental management	Journal of Environmental Management (Q1)	186: 131-140	2017	5.647	28
193	Antoniadis, V., Shaheen, S.M., Boersch, J., Frohne, T., Du Laing, G., Rinklebe, J.	Bioavailability and risk assessment of potentially toxic elements in garden edible vegetables and soils around a highly contaminated former mining area in Germany	Journal of Environmental Management (Q1)	186: 192-200	2017	5.647	66
194	Jeong, Y., Cho, K., Kwon, E.E., Tsang, Y.F., Rinklebe, J. , Park, C.	Evaluating the feasibility of pyrophyllite-based ceramic membranes for treating domestic wastewater in anaerobic ceramic membrane bioreactors	Chemical Engineering Journal (Q1)	328: 567-573	2017	10.652	17
195	Seo, K.W., Choi, Y.S., Gu, M.B., Kwon, E.E., Tsang, Y.F., Rinklebe, J. , Park, C.	Pilot-scale investigation of sludge reduction in aerobic digestion system with endospore-forming bacteria	Chemosphere (Q1)	186: 202-208	2017	5.778	4
196	Tack, F.M.G., Rinklebe, J. , Ok, Y.S., Tsang, D.C.W.	International Conference on Heavy metals in the Environment (CHMET)	Chemosphere (Q1)	185: 94-95	2017	5.778	0
197	Rizwan, M., Ali, S., Adrees, M., Ibrahim, M., Tsang, D.C.W., Zia-ur-Rehman, M., Zahir, Z.A., Rinklebe, J. , Tack, F.M.G., Ok, S.Y.	A critical review on effects, tolerance mechanisms and management of cadmium in vegetables	Chemosphere (Q1)	182: 90-105	2017	5.778	89
198	Mihajlovic, J., Stärk, H.J., Rinklebe, J.	Rare earth elements and their release dynamics under pre-definite redox conditions in a floodplain soil	Chemosphere (Q1)	181: 313-319	2017	5.778	8
199	Shaheen, S.M., Kwon, E.E., Biswas, J.K., Tack, F.M.G., Ok, Y.S., Rinklebe, J.	Arsenic, chromium, molybdenum, and selenium: geochemical fractions and potential mobilization in riverine soil profiles originating from Germany and Egypt	Chemosphere (Q1)	180: 553-564	2017	5.778	37
200	Rinklebe, J. , Shaheen, S.M.	Redox chemistry of nickel in soils and sediments: A Review	Chemosphere (Q1)	179: 265-278.	2017	5.778	19

201	Antić-Mladenović, S., Frohne, T., Kresović, M., Stärk, H.J., Savić, D., Ličina, V., Rinklebe, J.	Redox-controlled release dynamics of thallium in periodically flooded arable soil	Chemosphere (Q1)	178: 268-276	2017	5.778	12
202	Beiyuan, J., Awad, Y.M., Beckers, F., Tsang, D.C., Ok, Y.S., Rinklebe, J.	Mobility and phytoavailability of As and Pb in a contaminated soil using pine sawdust biochar under systematic change of redox conditions	Chemosphere (Q1)	178: 110-118	2017	5.778	69
203	Hasan, Z., Ok, Y.S., Rinklebe, J. , Tsang, Y.F., Cho, D.-W., Song, H.	N doped cobalt-carbon composite for reduction of p-nitrophenol and pendimethaline	Journal of Alloys and Compounds (Q1)	703: 118-124	2017	4.650	24
204	Qayyum, M.F., Rehman, M.Z.U., Ali, S., Rizwan, M., Naeem, A., Maqsood, M.A., Khalid, H., Rinklebe, J. , Ok, Y.S.	Residual effects of monoammonium phosphate, gypsum and elemental sulfur on cadmium phytoavailability and translocation from soil to wheat in a effluent irrigated field	Chemosphere (Q1)	174: 515-523	2017	5.778	46
205	Igalavithana, A.D., Lee, S. E., Lee, Y.H., Tsang, D.C.W., Rinklebe, J. , Kwon, E.E., Ok, Y.S.	Heavy metal immobilization and microbial community abundance by vegetable waste and pine cone biochar of agricultural soils	Chemosphere (Q1)	174: 593-603	2017	5.778	88
206	Rizwan, M., Ali, S., Rizvi, H., Rinklebe, J. , Tsang, D.C.W., Meers, E., Ok, Y.S., Ishaque, W.	Phytomanagement of heavy metals in contaminated soils using sunflower: A review	Critical Reviews in Environmental Science and Technology (Q1)	46(18): 1498-1528	2016	8.302	42
207	DeLaune, R.D., Rinklebe, J. , Roberts, H.H., White, J.R.	Trace Metal Concentrations in Marsh Profiles Under the Influence of an Emerging Delta (Atchafalaya River and Wax Lake Delta) Overlying a Several Thousand Year Old (Former) Mississippi River Delta Lobe	Soil and Sediment Contamination (Q4)	25: 552-562	2016	1.250	5
208	Rinklebe, J. , Shaheen, S.M., Yu, K.	Release of As, Ba, Cd, Cu, Pb, and Sr under pre-definite redox conditions in different rice paddy soils originating from the U.S.A. and Asia	Geoderma (Q1)	270: 21-32	2016	4.848	74
209	Shaheen, S.M., Rinklebe, J. , Frohne, T., White, J., DeLaune, R.	Redox effects on release kinetics of arsenic, cadmium, cobalt, and vanadium in Wax Lake Deltaic freshwater marsh soils	Chemosphere (Q1)	150: 740-748	2016	5.778	65

210	Rinklebe, J. , Shaheen, S.M., Schroeter, F., Rennert, T.	Exploiting biogeochemical and spectroscopic techniques to assess the geochemical distribution and release dynamics of chromium and lead in a contaminated floodplain soil	Chemosphere (Q1)	150: 390-397	2016	5.778	43
211	Rinklebe, J. , Antic-Mladenovic, S., Frohne, T., Stärk, H.-J., Tomić, Z., Licina, V.	Nickel in a serpentine-enriched Fluvisol: Redox affected dynamics and binding forms	Geoderma (Q1)	263: 203-214	2016	4.848	30
212	Rinklebe, J. , Shaheen, S.M., Frohne, T.	Amendment of biochar reduces the release of toxic elements under dynamic redox conditions in a contaminated floodplain soil	Chemosphere (Q1)	142: 41-47	2016	5.778	99
213	Shaheen, S.M., Rinklebe, J. , Tsadilas, C.D.	Fractionation and Mobilization of Toxic Elements in Floodplain Soils from Egypt, Germany, and Greece: A Comparison Study	Eurasian Soil Science (Q4)	48: 1317-1328.	2015	1.016	15
214	Shaheen, S.M., Rinklebe, J.	Phytoextraction of potentially toxic elements by Indian mustard, rapeseed, and sunflower from a contaminated riparian soil	Environmental Geochemistry and Health (Q1/Q2)	37: 953-967	2015	3.472	42
215	Moche, M., Gutknecht, J., Schulz, E., Langer, U., Rinklebe, J.	Monthly dynamics of microbial community structure and their controlling factors in three floodplain soils	Soil Biology and Biochemistry (Q1)	90: 169-178	2015	5.795	37
216	Schulz-Zunkel, C., Rinklebe, J. , Bork, H.R.	Trace element release patterns from three floodplain soils under simulated oxidized-reduced cycles	Ecological Engineering (Q2)	83: 485-495	2015	3.512	22
217	Shaheen, S.M., Rinklebe, J. , Selim, M.	Impact of various amendments on immobilization and phytoavailability of nickel and zinc in a contaminated floodplain soil	International Journal of Environmental Science and Technology (Q3)	12: 2765-2776	2015	2.540	39
218	Rinklebe, J. , Shaheen, S.M.	Miscellaneous additives can enhance plant uptake and affect geochemical fractions of copper in a heavily polluted riparian grassland soil	Ecotoxicology and Environmental Safety (Q1)	119: 58-65	2015	4.872	29
219	Rinklebe, J.	Construction site, biogeochemistry, wetlands and changes in soil condition [Baustelle, Biogeochemie, Auen und Bodenzustandveränderungen]	GWF, Wasser - Abwasser	156(12): 1221 - 1222	2015	-	0

220	Mihajlovic, J., Stärk, H.J., Du Laing, G., Wennrich, R., Rinklebe, J.	Rare earth elements in two Luvisols developed from loess under arable and forest land use in Bavaria, Germany: concentrations, stocks, and potential mobilities	Soil Science (Q3)	180: 107-123.	2015	1.122	6
221	Shaheen, S.M., Tsadilas, C.D., Rupp, H., Rinklebe, J. , Meissner, R.	Distribution coefficients of cadmium and zinc in different soils in mono-metal and competitive sorption systems	Journal of Plant Nutrition and Soil Science	178: 671-681	2015	2.083	15
222	Frohne, T., Diaz-Bone, R.A., Du Laing, G., Rinklebe, J.	Impact of systematic change of redox potential on the leaching of Ba, Cr, Sr, and V from a riverine soil into water	Journal of Soils and Sediments (Q2)	15: 623-633	2015	2.763	40
223	Shaheen, S.M., Tsadilas; C.D., Rinklebe, J.	Immobilization of soil copper using organic and inorganic amendments	Journal of Plant Nutrition and Soil Science (Q1/Q2)	178: 112-117	2015	2.083	22
224	Shaheen, S.M., Rinklebe, J.	Impact of emerging and low cost alternative amendments on the (im)mobilization and phytoavailability of Cd and Pb in a contaminated floodplain soil	Ecological Engineering (Q2)	74: 319- 326	2015	3.512	100
225	Rinklebe, J. , Shaheen, S.M.	Assessing the mobilization of cadmium, lead, and nickel using a seven-step sequential extraction technique in contaminated floodplain soil profiles along the Central Elbe River, Germany	Water, Air, & Soil Pollution (Q3)	225(8): 2039	2014	1.900	67
226	Mihajlovic, J., Giani, L., Stärk, H.J., Rinklebe, J.	Concentrations and geochemical fractions of rare earth elements in two different marsh soil profiles at the North Sea, Germany	Journal of Soils and Sediments (Q2)	14: 1417-1433	2014	2.763	14

227	Körschens, M., Albert, E., Baumecker, M., Ellmer, F., Grunert, M., Hoffmann, S., Kismanyoky, T., Kubat, J., Kunzova, E., Marx, M., Rogasik, J., Rinklebe, J. , Rühlmann, J., Schilli, C., Schröter, H., Schoetter, S., Schweizer, K., Toth, Z., Zimmer, J. Zorn, W.	Humus and climate change – Ergebnisse aus 15 langjährigen Dauerfeldversuchen	Archives of Agronomy and Soil Science (Q2)	60(11): 1485-1517	2014	2.135	14
228	Shaheen, S.M., Rinklebe, J. , Rupp, H., Meissner, R	Temporal dynamics of pore water concentrations of Cd, Co, Cu, Ni, and Zn and their controlling factors in a contaminated floodplain soil assessed by undisturbed groundwater lysimeters	Environmental Pollution (Q1)	191: 223-231	2014	6.792	60
229	Shaheen, S.M., Rinklebe, J. , Rupp, H., Meissner, R.	Lysimeter trials to assess the impact of different flood-dry-cycles on the dynamics of pore water concentrations of As, Cr, Mo and V in a contaminated floodplain soil	Geoderma (Q1)	228-229: 5-13	2014	4.848	69
230	Shaheen, S.M., Rinklebe, J. , Frohne, T., White, J., DeLaune, R.	Biogeochemical factors governing Co, Ni, Se, and V dynamics in periodically flooded egyptian north Nile delta rice soils	Soil Science Society of America Journal (Q3)	78: 1065-1078	2014	2.311	55
231	Mihajlovic, J., Stärk, H.,-J. Rinklebe, J.	Geochemical fractions of rare earth elements in two floodplain soil profiles at the Wupper River, Germany	Geoderma (Q1)	228-229: 160-172	2014	4.848	32
232	Luster, J., Kalbitz, K., Lennartz, B., Rinklebe, J.	Properties, processes and ecological functions of floodplain, peatland, and paddy soils	Geoderma (Q1)	228-229: 1-4	2014	4.848	5
233	Shaheen, S.M., Rinklebe, J.	Geochemical fractions of chromium, copper, and zinc and their vertical distribution in floodplain soil profiles along the Central Elbe River, Germany	Geoderma (Q1)	228-229: 142-159	2014	4.848	83
234	Stock, B., Rinklebe, J. , Skowronek, A.	Soil protection during civil engineering: current state and need for actions	Bodenkultur	65: 53-61	2014	-	0

235	Frohne, T., Rinklebe, J. , Diaz-Bone, R.A.	Contamination of floodplain soils along the Wupper River, Germany, with As, Co, Cu, Ni, Sb, and Zn and the impact of pre-definite redox variations on the mobility of these elements	Soil and Sediment Contamination (Q4)	23: 779-799	2014	1.250	72
236	Frohne, T., Rinklebe, J.	Biogeochemical fractions of mercury in soil profiles of two different floodplain ecosystems in Germany	Water, Air, & Soil Pollution (Q3)	224: 1591	2013	1.900	28
237	Srikanth, Lavu R.V., Prasad, M.N., Pratti, V.L., Meißner, R., Rinklebe, J. , Van De Wiele, T., Tack, F., Du Laing, G.	Trace Metals Accumulation in Bacopa monnieri and Their Bioaccessibility	Planta Medica (Q1/Q2)	79(12): 1081-1083	2013	2.687	4
238	Shaheen, S.M., Rinklebe, J. , Tsadilas, C.	Fractionation of Cd, Cu, Ni, Pb, and Zn in floodplain soils from Egypt, Germany and Greece	E3S Web Conferences	1: 33003	2013	-	7
239	Rinklebe, J. , Wennrich, R., Du Laing, G., Stärk, H.-J., Mothes, S.	Mercury emissions from flooded soils and sediments in Germany are an underestimated problem: challenges for reliable risk assessments and managements strategies	E3S Web Conferences	1: 02004	2013	-	0
240	Shaheen, S.M., Tsadilas; C.D., Rinklebe, J.	A review of the distribution coefficient of trace elements in soils: Influence of sorption system, element characteristics, and soil colloidal properties	Advances in Colloid and Interface Science (Q1)	201-202: 43-56	2013	9.922	127
241	Frohne, T., Rinklebe, J. , Langer, U., Du Laing, G., Mothes, S., Wennrich, R.	Biogeochemical factors affecting mercury methylation rate in two contaminated floodplain soils	Biogeosciences (Q1)	9(1): 493-507	2012	3.480	70
242	Yu, K., Rinklebe, J.	Advancement in soil microcosm apparatus for biogeochemical research	Ecological Engineering (Q2)	37: 2071-2075	2011	3.512	26
243	Rinklebe, J. , Wennrich, R., Mothes, S.	Letter to the editor in chief concerning the article: 'A simple and accurate method to measure total gaseous mercury concentrations in unsaturated soils'	Water, Air, & Soil Pollution (Q3)	218: 13-14	2011	1.900	0

244	Rochayati, S., Du Laing, G., Rinklebe, J. , Meissner, R., Verloo, M.	Use of reactive phosphate rocks as fertilizer on acid upland soils in Indonesia: accumulation of cadmium and zinc in soils and shoots of maize plants	Journal of Plant Nutrition and Soil Science (Q1/Q2)	174: 186-194	2011	2.083	15
245	Antic-Mladenovic, S., Rinklebe, J. , Frohne, T., Stärk, H.-J., Wennrich, R., Tomić, Z., Licina, V.	Impact of controlled redox conditions on Nickel in a serpentine soil	Journal of Soils and Sediments (Q2)	11: 406-415	2011	2.763	49
246	Langer, U., Rinklebe, J.	Priming effect after glucose amendment in two different soils evaluated by SIR- and PLFA-technique	Ecological Engineering (Q2)	37: 465-473	2011	3.512	11
247	Frohne, T., Rinklebe, J. , Diaz-Bone, R., Du Laing, G.	Controlled variation of redox conditions in a floodplain soil: impact on metal mobilization and biomethylation of arsenic and antimony	Geoderma (Q1)	160: 414-424	2011	4.848	189
248	Rupp, H., Rinklebe, J. , Bolze, S., Meissner, R.	A scale-depended approach to study pollution control processes in wetland soils using three different techniques	Ecological Engineering (Q2)	36: 1439-1447	2010	3.512	30
249	Meißner, R., Prasad, M.N.V., Du Laing G., Rinklebe, J.	Lysimeters application for measuring the water and solute fluxes with high precision	Current Science (Q3)	99: 5. 601-607	2010	725	17
250	Schilli, C., Lischeid, G., Rinklebe, J.	Which processes prevail? Analyzing long-term soil-solution monitoring data using nonlinear statistics	Geoderma (Q1)	158: 412-420	2010	4.848	12
251	Rennert, T., Meißner, S., Rinklebe, J. , Totsche, K.U.	Dissolved inorganic contaminants in a floodplain soil: Comparison of in-situ soil solutions and laboratory methods	Water, Air and Soil Pollution (Q3)	209: 489-500	2010	1.900	28
252	Rennert, T., Rinklebe, J.	Erratum: Release of Ni and Zn from contaminated floodplain soils under saturated flow conditions	Water, Air and Soil Pollution (Q3)	206(1-4): 395-396	2010	1.900	1
253	Licina, V., Antic-Mladenovic, S., Kresovic, M., Rinklebe, J.	Effect of high Nickel and Chromium background levels in serpentine soil on their accumulation in organs of a perennial plant	Communications in Soil Science and Plant Analysis (Q4)	41: 482-496	2010	767	14
254	Rennert, T., Rinklebe, J.	Release of Ni and Zn from Contaminated Floodplain Soils under Saturated Flow Conditions	Water, Air and Soil Pollution (Q3)	205: 93-105	2010	1.900	20

255	Rinklebe, J. , During, A., Overesch, M., Du Laing, G., Wennrich, R., Stärk, H.-J., Mothes, S.	Dynamics of mercury fluxes and their controlling factors in large Hg-polluted floodplain areas	Environmental Pollution (Q1)	158: 308-318	2010	6.792	56
256	Rinklebe, J. , Langer, U.	Relationship between soil microbial biomass determined by SIR and PLFA analysis in floodplain soils	Journal of Soils and Sediments (Q1)	10(1). 4-8	2010	2.763	14
257	Du Laing, G., Meers, E., Dewispelaere, M., Rinklebe, J. , Vandecasteele, B., Verloo, M.G., Tack, F.M.G.	Effect of water table level on metal mobility at different depths in wetland soils of the Scheldt estuary (Belgium)	Water, Air and Soil Pollution (Q3)	202: 353–367	2009	1.900	32
258	During, A., Rinklebe, J. , Böhme, F., Wennrich, R., Stärk, H.J., Mothes, S., Du Laing, G., Schulz, E., Neue, H.-U.	Mercury volatilization from three floodplain soils at the central Elbe River (Germany)	Soil and Sediment Contamination (Q4)	18: 429-444	2009	1.250	32
259	Du Laing, G., Rinklebe, J. , Vandecasteele, B., Meers, E., Tack, F.M.G.	Trace metal behaviour in estuarine and riverine floodplain soils and sediments: A review	Science of the Total Environment (Q1)	407: 3972-3985	2009	6.551	573
260	Du Laing, G., Chapagain, S.K., Dewispelaere, M., Meers, E., Kazama, F., Tack, F.M.G., Rinklebe, J. , Verloo, M.G.	Presence and mobility of arsenic in estuarine wetland soils of the Scheldt estuary (Belgium)	Journal of Environmental Monitoring (Q2)	11: 873-881	2009	2.461	19
261	Du Laing, G., Meers, E., Dewispelaere, M., Vandecasteele, B., Rinklebe, J. , Tack, F.M.G., Verloo, M.G.	Heavy metal mobility in intertidal sediments of the Scheldt estuary: Field monitoring	Science of the Total Environment (Q1)	407: 2919-2930	2009	6.551	53
262	Langer, U., Rinklebe, J.	Lipid biomarkers for assessment of microbial communities in floodplain soils of the Elbe River (Germany)	Wetlands (Q3)	29: 353-362	2009	1.783	40
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265	Wälder, K., Wälder, O., Rinklebe, J. , Menz, J.	Estimation of Soil Properties with Geostatistical Methods in Floodplains	Archives of Agronomy and Soil Science (Q2)	54: 275-295	2008	2.135	23
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267	Yu, K., Böhme, F., Rinklebe, J. , Neue, H.-U., DeLaune, R.D.	Major Biogeochemical Processes in Rice Soils – A Microcosm Incubation from Reducing to Oxidizing Conditions	Soil Science Society of America Journal (Q2)	71: 1406-1417	2007	2.311	105
268	Overesch, M., Rinklebe, J. , Broll, G., Neue, H.-U.	Metals and arsenic in soils and corresponding vegetation at Central Elbe river floodplains (Germany)	Environmental Pollution (Q1)	145: 800-812	2007	6.792	113
269	Rinklebe, J. , Langer, U.	Microbial diversity in three floodplain soils at the Elbe River (Germany)	Soil Biology and Biochemistry (Q1)	38(8): 2144-2151	2006	5.795	78
270	Altermann, M., Rinklebe, J. , Merbach, I., Körschens, M., Langer, U., Hofmann, B.	Chernozem - Soil of the Year 2005	Journal of Plant Nutrition and Soil Science (Q1/Q2)	168(6): 725-740	2005	2.083	96
271	Böhme, F., Rinklebe, J. , Staerk, H.-J., Wennrich, R., Mothes, S., Neue, H.-U.	A simple field method to determine mercury volatilisation from soils	Environmental Science and Pollution Research (Q2)	12: 133-135	2005	3.056	20
272	Devai, I., Patrick, W. H., Jr., Neue, H.U., DeLaune, R.D., Kongchum, M., Rinklebe, J.	Methyl Mercury and Heavy Metal Content in Soils of Rivers Saale and Elbe (Germany)	Analytical Letters (Q4)	38: 1037-1048	2005	1.467	40
273	Rinklebe, J. , Makeschin, F.	Der Einfluss von Acker- und Waldnutzung auf Boden und Vegetation - ein Zeitvergleich nach 27 Jahren	Forstwissenschaftliche Centralblatt (Q3)	122: 2. 81-98	2003	0.7	11

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Professor Jörg Rinklebe
Jan-25-2021