

Eric D Van Hullebusch

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

288
papers

10,462
citations

53
h-index

88
g-index

303
ext. papers

12,531
ext. citations

6.8
avg, IF

6.81
L-index

#	Paper	IF	Citations
288	Effect of Different Enriched Vermicomposts, Humic Acid Extract and Indole-3-Acetic Acid Amendments on the Growth of .. <i>Plants</i> , 2022 , 11,	4.5	1
287	Biochar Produced from Organic Waste Digestate and Its Potential Utilization for Soil Remediation: An Overview. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , 2022 , 263-292	0.5	0
286	Bioaugmentation of thermophilic lignocellulose degrading bacteria accelerate the composting process of lignocellulosic materials. <i>Biomass Conversion and Biorefinery</i> , 2022 , 1	2.3	3
285	Models performance in predicting least limiting water range in northwest of Iran under semiarid and semi-humid climates. <i>International Journal of Environmental Science and Technology</i> , 2022 , 1	3.3	
284	Effects of biochar dose on cadmium accumulation in spinach and its fractionation in a calcareous soil. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1	1.8	3
283	Preparation and applications of chitosan and cellulose composite materials. <i>Journal of Environmental Management</i> , 2022 , 301, 113850	7.9	12
282	Surface volatilization modeling of (semi-)volatile hydrophobic organic compounds: The role of reference compounds. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127300	12.8	
281	Established technologies for metal recovery from industrial wastewater streams 2022 , 295-317		0
280	Nano-biochar: A novel solution for sustainable agriculture and environmental remediation.. <i>Environmental Research</i> , 2022 , 210, 112891	7.9	2
279	Potential Use of as a Biostimulant for Improving the Growth Performance of (Jacq.) Marechal. <i>Plants</i> , 2021 , 10,	4.5	1
278	Nature-Based Units as Building Blocks for Resource Recovery Systems in Cities. <i>Water (Switzerland)</i> , 2021 , 13, 3153	3	4
277	Phytoremediation of Polycyclic Aromatic Hydrocarbons-Contaminated Soils. <i>Soil Biology</i> , 2021 , 419-445	1	0
276	Mechanisms and adsorption capacities of biochar for the removal of organic and inorganic pollutants from industrial wastewater. <i>International Journal of Environmental Science and Technology</i> , 2021 , 18, 3273-3294	3.3	64
275	Proteomic insights into <i>Lysinibacillus</i> sp.-mediated biosolubilization of manganese. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 40249-40263	5.1	6
274	Effect of cadmium on sorghum root colonization by glomerular fungi and its impact on total and easily extractable glomalin production. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 34570-34583	5.1	3
273	A general framework to model the fate of trace elements in anaerobic digestion environments. <i>Scientific Reports</i> , 2021 , 11, 7476	4.9	3
272	Electrocatalytic removal of fluoroquinolones from simulated pharmaceutical effluent: Chemometric analysis, chemical blueprint of electrodes and generated sludge. <i>Environmental Research</i> , 2021 , 195, 110844	7.9	1

271	Supramolecular aggregation of colloidal natural organic matter masks priority pollutants released in water from peat soil. <i>Environmental Research</i> , 2021 , 195, 110761	7.9	4
270	The anaerobic biodegradation of emerging organic contaminants by horizontal subsurface flow constructed wetlands. <i>Water Science and Technology</i> , 2021 , 83, 2809-2828	2.2	1
269	Low concentration of zeolite to enhance microalgal growth and ammonium removal efficiency in a membrane photobioreactor. <i>Environmental Technology (United Kingdom)</i> , 2021 , 42, 3863-3876	2.6	
268	Remediation of soils contaminated by hydrophobic organic compounds: How to recover extracting agents from soil washing solutions?. <i>Journal of Hazardous Materials</i> , 2021 , 404, 124137	12.8	20
267	Prediction of the removal efficiency of emerging organic contaminants based on design and operational parameters of constructed wetlands. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104592	6.8	7
266	Functional potential of sewage sludge digestate microbes to degrade aliphatic hydrocarbons during bioremediation of a petroleum hydrocarbons contaminated soil. <i>Journal of Environmental Management</i> , 2021 , 280, 111648	7.9	10
265	A decision tree framework to support design, operation, and performance assessment of constructed wetlands for the removal of emerging organic contaminants. <i>Science of the Total Environment</i> , 2021 , 760, 143334	10.2	4
264	Chromium mobility in ultramafic areas affected by mining activities in Barro Alto massif, Brazil: An isotopic study. <i>Chemical Geology</i> , 2021 , 561, 120000	4.2	5
263	Comparison of thermal and chemical enhanced recovery of DNAPL in saturated porous media: 2D tank pumping experiments and two-phase flow modelling. <i>Science of the Total Environment</i> , 2021 , 760, 143958	10.2	6
262	Cadmium Selenide Formation Influences the Production and Characteristics of Extracellular Polymeric Substances of Anaerobic Granular Sludge. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 965-980	3.2	1
261	Role of lignin and thermophilic lignocellulolytic bacteria in the evolution of humification indices and enzymatic activities during compost production. <i>Waste Management</i> , 2021 , 119, 122-134	8.6	16
260	Photocatalytic Nanomaterials for Bacterial Disinfection. <i>Environmental Chemistry for A Sustainable World</i> , 2021 , 215-245	0.8	
259	Phosphorus Removal from Wastewater: The Potential Use of Biochar and the Key Controlling Factors. <i>Water (Switzerland)</i> , 2021 , 13, 517	3	13
258	Microbial Processing of Waste Shredded PCBs for Copper Extraction Cum Separation Comparing the Efficacy of Bacterial and Fungal Leaching Kinetics and Yields. <i>Metals</i> , 2021 , 11, 317	2.3	6
257	Aqueous alteration and bioalteration of a synthetic enstatite chondrite. <i>Meteoritics and Planetary Science</i> , 2021 , 56, 601-618	2.8	
256	Beneficial role of biochar addition on the anaerobic digestion of food waste: A systematic and critical review of the operational parameters and mechanisms. <i>Journal of Environmental Management</i> , 2021 , 290, 112537	7.9	18
255	Emerging technologies for biofuel production: A critical review on recent progress, challenges and perspectives. <i>Journal of Environmental Management</i> , 2021 , 290, 112627	7.9	27
254	Permittivity and electrical resistivity measurements and estimations during the recovery of DNAPL in saturated porous media: 2D tank experiments. <i>Journal of Applied Geophysics</i> , 2021 , 191, 104359	1.7	2

253	Removal of antimonate (Sb(V)) from aqueous solutions and its immobilization in soils with a novel Fe(III)-modified montmorillonite sorbent. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
252	Towards a Cross-Sectoral View of Nature-Based Solutions for Enabling Circular Cities. <i>Water (Switzerland)</i> , 2021 , 13, 2352	3	3
251	Effects of Silicon and Silicon-Based Nanoparticles on Rhizosphere Microbiome, Plant Stress and Growth. <i>Biology</i> , 2021 , 10,	4.9	26
250	Prediction of the removal efficiency of emerging organic contaminants in constructed wetlands based on their physicochemical properties. <i>Journal of Environmental Management</i> , 2021 , 294, 112916	7.9	2
249	Seasonal and spatial variations in atmospheric PM2.5-bound PAHs in Karaj city, Iran: Sources, distributions, and health risks. <i>Sustainable Cities and Society</i> , 2021 , 72, 103020	10.1	6
248	Performance Comparison of Different Constructed Wetlands Designs for the Removal of Personal Care Products. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	14
247	The Influence of Design and Operational Factors on the Removal of Personal Care Products by Constructed Wetlands. <i>Water (Switzerland)</i> , 2020 , 12, 1367	3	8
246	Recovery of phosphorus from municipal wastewater treatment sludge through bioleaching using <i>Acidithiobacillus thiooxidans</i> . <i>Journal of Environmental Management</i> , 2020 , 270, 110818	7.9	10
245	The growth of open access publishing in geochemistry. <i>Results in Geochemistry</i> , 2020 , 1, 100001	2	3
244	Open Access publishing practice in geochemistry: overview of current state and look to the future. <i>Heliyon</i> , 2020 , 6, e03551	3.6	5
243	Performance comparison of different types of constructed wetlands for the removal of pharmaceuticals and their transformation products: a review. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 14342-14364	5.1	24
242	Processing of Waste Copper Converter Slag Using Organic Acids for Extraction of Copper, Nickel, and Cobalt. <i>Minerals (Basel, Switzerland)</i> , 2020 , 10, 290	2.4	7
241	Evaluation of Fe(II)-driven autotrophic denitrification in packed-bed reactors at different nitrate loading rates. <i>Chemical Engineering Research and Design</i> , 2020 , 142, 317-324	5.5	7
240	A review on the occurrence, fate and removal of steroidal hormones during treatment with different types of constructed wetlands. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103793	6.8	18
239	A review of nature-based solutions for urban water management in European circular cities: a critical assessment based on case studies and literature. <i>Blue-Green Systems</i> , 2020 , 2, 112-136	5.2	83
238	Potential Use of Waste-to-Bioenergy By-Products in Bioremediation of Total Petroleum Hydrocarbons (TPH)-Contaminated Soils. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , 2020 , 239-282	0.5	2
237	Electro-Fenton treatment of a complex pharmaceutical mixture: Mineralization efficiency and biodegradability enhancement. <i>Chemosphere</i> , 2020 , 253, 126659	8.4	48
236	Free Product Recovery of Non-aqueous Phase Liquids in Contaminated Sites: Theory and Case Studies. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , 2020 , 61-148	0.5	

235	In Situ Thermal Treatments and Enhancements: Theory and Case Study. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , 2020 , 149-209	0.5	0
234	Thermal and chemical enhanced recovery of heavy chlorinated organic compounds in saturated porous media: 1D cell drainage-imbibition experiments. <i>Science of the Total Environment</i> , 2020 , 706, 135758	10.2	10
233	Biodeterioration Affecting Efficiency and Lifetime of Plastic-Based Photovoltaics. <i>Joule</i> , 2020 , 4, 2088-2100	10.3	3
232	Use of factorial experimental design to study the effects of iron and sulfur on growth of <i>Scenedesmus acuminatus</i> with different nitrogen sources. <i>Journal of Applied Phycology</i> , 2020 , 32, 221-231	3.2	3
231	Biochar from various lignocellulosic biomass wastes as an additive in biogas production from food waste 2020 , 199-217		0
230	Pharmaceuticals' removal by constructed wetlands: a critical evaluation and meta-analysis on performance, risk reduction, and role of physicochemical properties on removal mechanisms. <i>Journal of Water and Health</i> , 2020 , 18, 253-291	2.2	23
229	Anaerobic Digestion of Fruit Waste Mixed With Sewage Sludge Digestate Biochar: Influence on Biomethane Production. <i>Frontiers in Energy Research</i> , 2020 , 8,	3.8	15
228	Data of OECD soil and leachate resulting from irrigation with aqueous solution containing trace metals at increasing sodium concentration. <i>Data in Brief</i> , 2019 , 25, 104276	1.2	
227	Mineral characterization of the biogenic Fe(III)(hydr)oxides produced during Fe(II)-driven denitrification with Cu, Ni and Zn. <i>Science of the Total Environment</i> , 2019 , 687, 401-412	10.2	12
226	Bacterial seeding potential of digestate in bioremediation of diesel contaminated soil. <i>International Biodeterioration and Biodegradation</i> , 2019 , 143, 104715	4.8	17
225	A simultaneous assessment of organic matter and trace elements bio-accessibility in substrate and digestate from an anaerobic digestion plant. <i>Bioresource Technology</i> , 2019 , 288, 121587	11	10
224	Effect of sodium concentration on mobilization and fate of trace metals in standard OECD soil. <i>Environmental Pollution</i> , 2019 , 250, 839-848	9.3	7
223	Distribution trend of trace elements in digestate exposed to air: Laboratory-scale investigations using DGT-based fractionation. <i>Journal of Environmental Management</i> , 2019 , 238, 159-165	7.9	
222	Effect of digestate application on microbial respiration and bacterial communities' diversity during bioremediation of weathered petroleum hydrocarbons contaminated soils. <i>Science of the Total Environment</i> , 2019 , 670, 271-281	10.2	35
221	Role of Biochar in Anaerobic Digestion Based Biorefinery for Food Waste. <i>Frontiers in Energy Research</i> , 2019 , 7,	3.8	20
220	The Fate of Copper Added to Surface Water: Field, Laboratory, and Modeling Studies. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 1386-1399	3.8	12
219	Bioleaching kinetics of trace metals from coal ash using <i>Pseudomonas</i> spp.. <i>MATEC Web of Conferences</i> , 2019 , 268, 01010	0.3	3
218	Biotechnological strategies for the recovery of valuable and critical raw materials from waste electrical and electronic equipment (WEEE) - A review. <i>Journal of Hazardous Materials</i> , 2019 , 362, 467-481	12.8	135

217	Leaching and Selective Recovery of Cu from Printed Circuit Boards. <i>Metals</i> , 2019 , 9, 1034	2.3	14
216	Bioprocesses for the Treatment of Volatile Organic Compounds 2019 , 207-224		
215	Role of Extracellular Polymeric Substances (EPS) in Cell Surface Hydrophobicity 2019 , 128-153		
214	Role of Design and Operational Factors in the Removal of Pharmaceuticals by Constructed Wetlands. <i>Water (Switzerland)</i> , 2019 , 11, 2356	3	20
213	Assessment of the DGT technique in digestate to fraction twelve trace elements. <i>Talanta</i> , 2019 , 192, 204-211	6.2	2
212	Assessing arsenic redox state evolution in solution and solid phase during As(III) sorption onto chemically-treated sewage sludge digestate biochars. <i>Bioresource Technology</i> , 2019 , 275, 232-238	11	21
211	Performance of a compost and biochar packed biofilter for gas-phase hydrogen sulfide removal. <i>Bioresource Technology</i> , 2019 , 273, 581-591	11	32
210	ADM1 based mathematical model of trace element complexation in anaerobic digestion processes. <i>Bioresource Technology</i> , 2019 , 276, 253-259	11	20
209	Recent advances on hydrometallurgical recovery of critical and precious elements from end of life electronic wastes - a review. <i>Critical Reviews in Environmental Science and Technology</i> , 2019 , 49, 212-275	11.1	127
208	Simultaneous removal of sulfate and selenate from wastewater by process integration of an ion exchange column and upflow anaerobic sludge blanket bioreactor. <i>Separation Science and Technology</i> , 2019 , 54, 1387-1399	2.5	9
207	Assessing chromium mobility in natural surface waters: Colloidal contribution to the isotopically exchangeable pool of chromium (EwCr value). <i>Applied Geochemistry</i> , 2018 , 92, 19-29	3.5	3
206	Effect of Cu, Ni and Zn on Fe(II)-driven autotrophic denitrification. <i>Journal of Environmental Management</i> , 2018 , 218, 209-219	7.9	13
205	Electrochemical mineralization of sulfamethoxazole over wide pH range using FeII/FeIII LDH modified carbon felt cathode: Degradation pathway, toxicity and reusability of the modified cathode. <i>Chemical Engineering Journal</i> , 2018 , 350, 844-855	14.7	97
204	Biotechnology in the management and resource recovery from metal bearing solid wastes: Recent advances. <i>Journal of Environmental Management</i> , 2018 , 211, 138-153	7.9	52
203	Selenate removal in biofilm systems: effect of nitrate and sulfate on selenium removal efficiency, biofilm structure and microbial community. <i>Journal of Chemical Technology and Biotechnology</i> , 2018 , 93, 2380-2389	3.5	14
202	Decolourization of Real Textile Wastewater by the Combination of Photocatalytic and Biological Oxidation Processes. <i>Advances in Science, Technology and Innovation</i> , 2018 , 115-117	0.3	5
201	Remediation of Selenium Contaminated Wastewater. <i>Advances in Science, Technology and Innovation</i> , 2018 , 23-24	0.3	
200	Zn isotopes fractionation during slags' weathering: One source of contamination, multiple isotopic signatures. <i>Chemosphere</i> , 2018 , 195, 483-490	8.4	9

199	Perspectives regarding the use of metallurgical slags as secondary metal resources - A review of bioleaching approaches. <i>Journal of Environmental Management</i> , 2018 , 219, 138-152	7.9	72
198	Comparative performance of anaerobic attached biofilm and granular sludge reactors for the treatment of model mine drainage wastewater containing selenate, sulfate and nickel. <i>Chemical Engineering Journal</i> , 2018 , 345, 545-555	14.7	29
197	Alteration of the characteristics of extracellular polymeric substances (EPS) extracted from the fungus <i>Phanerochaete chrysosporium</i> when exposed to sub-toxic concentrations of nickel (II). <i>International Biodeterioration and Biodegradation</i> , 2018 , 129, 179-188	4.8	19
196	Bioelectro-Fenton: evaluation of a combined biological-advanced oxidation treatment for pharmaceutical wastewater. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 20283-20292	5.1	41
195	Electronic waste as a secondary source of critical metals: Management and recovery technologies. <i>Resources, Conservation and Recycling</i> , 2018 , 135, 296-312	11.9	133
194	(Bio)leaching Behavior of Chromite Tailings. <i>Minerals (Basel, Switzerland)</i> , 2018 , 8, 261	2.4	7
193	Biological treatment of selenium-laden wastewater containing nitrate and sulfate in an upflow anaerobic sludge bed reactor at pH 5.0. <i>Chemosphere</i> , 2018 , 211, 684-693	8.4	19
192	Lead sorption by biochar produced from digestates: Consequences of chemical modification and washing. <i>Journal of Environmental Management</i> , 2018 , 219, 277-284	7.9	43
191	Amberlite IRA-900 Ion Exchange Resin for the Sorption of Selenate and Sulfate: Equilibrium, Kinetic, and Regeneration Studies. <i>Journal of Environmental Engineering, ASCE</i> , 2018 , 144, 04018110	2	9
190	Gas-liquid oxygen transfer in aerated and agitated slurry systems with high solid volume fractions. <i>Chemical Engineering Journal</i> , 2018 , 350, 1073-1083	14.7	12
189	WEEE management in a circular economy perspective: an overview. <i>Global Nest Journal</i> , 2018 , 20, 743-750	4	18
188	Effect of elevated nitrate and sulfate concentrations on selenate removal by mesophilic anaerobic granular sludge bed reactors. <i>Environmental Science: Water Research and Technology</i> , 2018 , 4, 303-314	4.2	11
187	Fast and complete removal of the 5-fluorouracil drug from water by electro-Fenton oxidation. <i>Environmental Chemistry Letters</i> , 2018 , 16, 281-286	13.3	52
186	Nitrate removal from groundwater: a review of natural and engineered processes 2018 , 67, 885-902		43
185	Bioleaching of trace metals from coal ash using local isolate from coal ash ponds. <i>MATEC Web of Conferences</i> , 2018 , 156, 03031	0.3	1
184	Changes of sewage sludge digestate-derived biochar properties after chemical treatments and influence on As(III and V) and Cd(II) sorption. <i>International Biodeterioration and Biodegradation</i> , 2018 , 135, 96-102	4.8	26
183	Weathering of historical copper slags in dynamic experimental system with rhizosphere-like organic acids. <i>Journal of Environmental Management</i> , 2018 , 222, 325-337	7.9	8
182	ADM1 based mathematical model of trace element precipitation/dissolution in anaerobic digestion processes. <i>Bioresource Technology</i> , 2018 , 267, 666-676	11	24

181	Leaching and selective zinc recovery from acidic leachates of zinc metallurgical leach residues. <i>Journal of Hazardous Materials</i> , 2017 , 324, 71-82	12.8	53
180	Bioleaching and selective biorecovery of zinc from zinc metallurgical leach residues from the Tr ^g Marias zinc plant (Minas Gerais, Brazil). <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 512-521	3.5	15
179	Influence of activated sewage sludge amendment on PAH removal efficiency from a naturally contaminated soil: application of the landfarming treatment. <i>Environmental Technology (United Kingdom)</i> , 2017 , 38, 2988-2998	2.6	8
178	Biological removal of selenate and ammonium by activated sludge in a sequencing batch reactor. <i>Bioresource Technology</i> , 2017 , 229, 11-19	11	33
177	Comparison of the mesophilic and thermophilic anaerobic digestion of spent cow bedding in leach-bed reactors. <i>Bioresource Technology</i> , 2017 , 234, 466-471	11	19
176	Leachate flush strategies for managing volatile fatty acids accumulation in leach-bed reactors. <i>Bioresource Technology</i> , 2017 , 232, 93-102	11	18
175	Biosynthesis of CdSe nanoparticles by anaerobic granular sludge. <i>Environmental Science: Nano</i> , 2017 , 4, 824-833	7.1	18
174	Hydrophobic molecular features of EPS extracted from anaerobic granular sludge treating wastewater from a paper recycling plant. <i>Process Biochemistry</i> , 2017 , 58, 266-275	4.8	7
173	Effects of different nickel species on autotrophic denitrification driven by thiosulfate in batch tests and a fluidized-bed reactor. <i>Bioresource Technology</i> , 2017 , 238, 534-541	11	25
172	A review on the efficiency of landfarming integrated with composting as a soil remediation treatment. <i>Environmental Technology Reviews</i> , 2017 , 6, 94-116	7.7	19
171	Influence of the binder on the behaviour of mortars exposed to H ₂ S in sewer networks: a long-term durability study. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017 , 50, 1	3.4	18
170	Biomining of tellurium and selenium-tellurium nanoparticles by the white-rot fungus <i>Phanerochaete chrysosporium</i> . <i>International Biodeterioration and Biodegradation</i> , 2017 , 124, 258-266	4.8	26
169	Use of Sub-stoichiometric Titanium Oxide as a Ceramic Electrode in Anodic Oxidation and Electro-Fenton Degradation of the Beta-blocker Propranolol: Degradation Kinetics and Mineralization Pathway. <i>Electrochimica Acta</i> , 2017 , 242, 344-354	6.7	69
168	Removal mechanisms in aerobic slurry bioreactors for remediation of soils and sediments polluted with hydrophobic organic compounds: An overview. <i>Journal of Hazardous Materials</i> , 2017 , 339, 427-449	12.8	36
167	Anodic oxidation of surfactants and organic compounds entrapped in micelles - Selective degradation mechanisms and soil washing solution reuse. <i>Water Research</i> , 2017 , 118, 1-11	12.5	64
166	Metal mobilization from metallurgical wastes by soil organic acids. <i>Chemosphere</i> , 2017 , 178, 197-211	8.4	28
165	Enrichment of Anammox Biomass from Different Seeding Sludge: Process Strategy and Microbial Diversity. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	10
164	A comparison of fate and toxicity of selenite, biogenically, and chemically synthesized selenium nanoparticles to zebrafish (<i>Danio rerio</i>) embryogenesis. <i>Nanotoxicology</i> , 2017 , 11, 87-97	5.3	45

163	Hydrophobic features of EPS extracted from anaerobic granular sludge: an investigation based on DAX-8 resin fractionation and size exclusion chromatography. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 3427-3438	5.7	10
162	Continuous removal and recovery of tellurium in an upflow anaerobic granular sludge bed reactor. <i>Journal of Hazardous Materials</i> , 2017 , 327, 79-88	12.8	36
161	Characteristics of PAH tar oil contaminated soils-Black particles, resins and implications for treatment strategies. <i>Journal of Hazardous Materials</i> , 2017 , 327, 206-215	12.8	20
160	A hierarchical CoFe-layered double hydroxide modified carbon-felt cathode for heterogeneous electro-Fenton process. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 3655-3666	13	168
159	Industrial Selenium Pollution: Sources and Biological Treatment Technologies 2017 , 75-101		8
158	Biorecovery of Metals from Electronic Waste. <i>Environmental Chemistry for A Sustainable World</i> , 2017 , 241-278	0.8	5
157	Quantitative and qualitative characterization of extracellular polymeric substances from Anammox enrichment. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017 , 80, 738-746	5.3	7
156	Leaching and Recovery of Metals. <i>Environmental Chemistry for A Sustainable World</i> , 2017 , 161-206	0.8	8
155	Two-Step Leaching of Valuable Metals from Discarded Printed Circuit Boards, and Process Optimization Using Response Surface Methodology. <i>Advances in Recycling & Waste Management</i> , 2017 , 02,		5
154	Immobilization of Metal Ions from Acid Mine Drainage by Coal Bottom Ash. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	6
153	Understanding Selenium Biogeochemistry in Engineered Ecosystems: Transformation and Analytical Methods 2017 , 33-56		3
152	Influence of pH, EDTA/Fe(II) ratio, and microbial culture on Fe(II)-mediated autotrophic denitrification. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 21323-21333	5.1	28
151	Investigation of different ethylenediamine-N,N'-disuccinic acid-enhanced washing configurations for remediation of a Cu-contaminated soil: process kinetics and efficiency comparison between single-stage and multi-stage configurations. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 21960-21972	5.1	18
150	Modified Sample Preparation Approach for the Determination of the Phenolic and Humic-Like Substances in Natural Organic Materials By the Folin Ciocalteu Method. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 10666-10672	5.7	11
149	Mesophilic anaerobic digestion of several types of spent livestock bedding in a batch leach-bed reactor: substrate characterization and process performance. <i>Waste Management</i> , 2017 , 59, 129-139	8.6	46
148	Fe(II)-mediated autotrophic denitrification: A new bioprocess for iron bioprecipitation/biorecovery and simultaneous treatment of nitrate-containing wastewaters. <i>International Biodeterioration and Biodegradation</i> , 2017 , 119, 631-648	4.8	86
147	Industrial Selenium Pollution: Wastewaters and Physical/Chemical Treatment Technologies 2017 , 103-130		3
146	Lead and Zinc Metallurgical Slags Mineralogy and Weathering. <i>Environmental Chemistry for A Sustainable World</i> , 2017 , 133-160	0.8	1

145	Leaching and Recovery of Molybdenum from Spent Catalysts. <i>Environmental Chemistry for A Sustainable World</i> , 2017 , 207-239	0.8	1
144	Reduction of selenite to elemental selenium nanoparticles by activated sludge. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 1193-202	5.1	28
143	Characterization and pH-dependent leaching behaviour of historical and modern copper slags. <i>Journal of Geochemical Exploration</i> , 2016 , 160, 1-15	3.8	40
142	Preferential adsorption of Cu in a multi-metal mixture onto biogenic elemental selenium nanoparticles. <i>Chemical Engineering Journal</i> , 2016 , 284, 917-925	14.7	47
141	Fungal pelleted reactors in wastewater treatment: Applications and perspectives. <i>Chemical Engineering Journal</i> , 2016 , 283, 553-571	14.7	138
140	A complete phenol oxidation pathway obtained during electro-Fenton treatment and validated by a kinetic model study. <i>Applied Catalysis B: Environmental</i> , 2016 , 180, 189-198	21.8	121
139	Assessment of trace heavy metals dynamics during the interaction of aqueous solutions with the artificial OECD soil: Evaluation of the effect of soil organic matter content and colloidal mobilization. <i>Chemosphere</i> , 2016 , 163, 382-391	8.4	25
138	Methodological approaches for fractionation and speciation to estimate trace element bioavailability in engineered anaerobic digestion ecosystems: An overview. <i>Critical Reviews in Environmental Science and Technology</i> , 2016 , 46, 1324-1366	11.1	34
137	Evaluation of PAH removal efficiency in an artificial soil amended with different types of organic wastes. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2016 , 1, 1	1.7	12
136	Impact of electrochemical treatment of soil washing solution on PAH degradation efficiency and soil respirometry. <i>Environmental Pollution</i> , 2016 , 211, 354-62	9.3	47
135	Removal of hydrophobic organic pollutants from soil washing/flushing solutions: A critical review. <i>Journal of Hazardous Materials</i> , 2016 , 306, 149-174	12.8	289
134	Recovery of molybdenum, nickel and cobalt by precipitation from the acidic leachate of a mineral sludge. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 2231-42	2.6	14
133	Calibration and Validation of a Two-Step Kinetic Mathematical Model for Predicting Cu Extraction Efficiency in an EDDS-Enhanced Soil Washing. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	16
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