

Eric Lichtfouse

List of Publications by Year in descending order

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Version: 2024-02-01

188
papers

10,195
citations

47006

47
h-index

40979

93
g-index

194
all docs

194
docs citations

194
times ranked

9014
citing authors

#	ARTICLE	IF	CITATIONS
1	Advantages and disadvantages of techniques used for wastewater treatment. <i>Environmental Chemistry Letters</i> , 2019, 17, 145-155.	16.2	1,575
2	Conventional and non-conventional adsorbents for wastewater treatment. <i>Environmental Chemistry Letters</i> , 2019, 17, 195-213.	16.2	611
3	Applications of chitosan in food, pharmaceuticals, medicine, cosmetics, agriculture, textiles, pulp and paper, biotechnology, and environmental chemistry. <i>Environmental Chemistry Letters</i> , 2019, 17, 1667-1692.	16.2	401
4	Removal of microplastics from the environment. A review. <i>Environmental Chemistry Letters</i> , 2020, 18, 807-828.	16.2	341
5	Clay mineral adsorbents for heavy metal removal from wastewater: a review. <i>Environmental Chemistry Letters</i> , 2019, 17, 629-654.	16.2	314
6	Advanced activation of persulfate by polymeric g-C ₃ N ₄ based photocatalysts for environmental remediation: A review. <i>Journal of Hazardous Materials</i> , 2021, 413, 125324.	12.4	293
7	Phytoremediation of polyaromatic hydrocarbons, anilines and phenols. <i>Environmental Science and Pollution Research</i> , 2002, 9, 29-47.	5.3	265
8	Treatment of organic pollutants by homogeneous and heterogeneous Fenton reaction processes. <i>Environmental Chemistry Letters</i> , 2018, 16, 947-967.	16.2	254
9	Applications of hemp in textiles, paper industry, insulation and building materials, horticulture, animal nutrition, food and beverages, nutraceuticals, cosmetics and hygiene, medicine, agrochemistry, energy production and environment: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 1451-1476.	16.2	184
10	Agronomy for sustainable agriculture. A review. <i>Agronomy for Sustainable Development</i> , 2009, 29, 1-6.	5.3	175
11	An isotopic biogeochemical study of the Green River oil shale. <i>Organic Geochemistry</i> , 1992, 19, 265-276.	1.8	173
12	A novel pathway of soil organic matter formation by selective preservation of resistant straight-chain biopolymers: chemical and isotope evidence. <i>Organic Geochemistry</i> , 1998, 28, 411-415.	1.8	149
13	Phytotoxicity of ancient gaswork soils. Effect of polycyclic aromatic hydrocarbons (PAHs) on plant germination. <i>Organic Geochemistry</i> , 1999, 30, 963-969.	1.8	139
14	Green polymeric nanomaterials for the photocatalytic degradation of dyes: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 1569-1580.	16.2	134
15	Removal of emerging contaminants from wastewater using advanced treatments. A review. <i>Environmental Chemistry Letters</i> , 2022, 20, 1333-1375.	16.2	124
16	Worldwide cases of water pollution by emerging contaminants: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 2311-2338.	16.2	117
17	Possible algal origin of long chain odd n-alkanes in immature sediments as revealed by distributions and carbon isotope ratios. <i>Organic Geochemistry</i> , 1994, 22, 1023-1027.	1.8	116
18	Antimicrobial Ionic Liquid-Based Materials for Biomedical Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2104148.	14.9	116

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19	Compound-specific isotope analysis. Application to archaeology, biomedical sciences, biosynthesis, environment, extraterrestrial chemistry, food science, forensic science, humic substances, microbiology, organic geochemistry, soil science and sport. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1337-1344.	1.5	114
20	Ancient polycyclic aromatic hydrocarbons in modern soils: ^{13}C , ^{14}C and biomarker evidence. <i>Organic Geochemistry</i> , 1997, 26, 353-359.	1.8	104
21	130 years of cyclodextrin discovery for health, food, agriculture, and the industry: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 2581-2617.	16.2	102
22	Partial resolution of sources of n-alkanes in the saline portion of the Parachute Creek Member, Green River Formation (Piceance Creek Basin, Colorado). <i>Organic Geochemistry</i> , 1994, 21, 645-659.	1.8	100
23	Isolation and characterisation of <i>Nocardioide</i> sp. SP12, an atrazine-degrading bacterial strain possessing the <i>genetrzN</i> from bulk- and maize rhizosphere soil. <i>FEMS Microbiology Letters</i> , 2003, 221, 111-117.	1.8	95
24	Dye removal by biosorption using cross-linked chitosan-based hydrogels. <i>Environmental Chemistry Letters</i> , 2019, 17, 1645-1666.	16.2	94
25	Plant-derived silica nanoparticles and composites for biosensors, bioimaging, drug delivery and supercapacitors: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 1667-1691.	16.2	94
26	Chitosan for direct bioflocculation of wastewater. <i>Environmental Chemistry Letters</i> , 2019, 17, 1603-1621.	16.2	90
27	Toxicity and remediation of pharmaceuticals and pesticides using metal oxides and carbon nanomaterials. <i>Chemosphere</i> , 2021, 275, 130055.	8.2	89
28	Unexpected ^{13}C -enrichment of organic components from wheat crop soils: evidence for the in situ origin of soil organic matter. <i>Organic Geochemistry</i> , 1995, 23, 865-868.	1.8	88
29	Stable carbon isotope evidence for the microbial origin of C_{14} – C_{18} n-alkanoic acids in soils. <i>Organic Geochemistry</i> , 1995, 23, 849-852.	1.8	87
30	Adsorption-Oriented Processes Using Conventional and Non-conventional Adsorbents for Wastewater Treatment. <i>Environmental Chemistry for A Sustainable World</i> , 2018, , 23-71.	0.5	83
31	Molecular, ^{13}C , and ^{14}C evidence for the allochthonous and ancient origin of C_{16} – C_{18} n-alkanes in modern soils. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 1891-1898.	3.9	74
32	$\delta^{13}\text{C}$ of plant-derived n-alkanes in soil particle-size fractions. <i>Organic Geochemistry</i> , 2001, 32, 253-258.	1.8	72
33	Biogas upgrading, economy and utilization: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 4137-4164.	16.2	71
34	Diffusive gradients in thin films: devices, materials and applications. <i>Environmental Chemistry Letters</i> , 2019, 17, 801-831.	16.2	70
35	Back to plastic pollution in COVID times. <i>Environmental Chemistry Letters</i> , 2021, 19, 1-4.	16.2	69
36	Unexpected rise of ozone in urban and rural areas, and sulfur dioxide in rural areas during the coronavirus city lockdown in Hangzhou, China: implications for air quality. <i>Environmental Chemistry Letters</i> , 2020, 18, 1713-1723.	16.2	68

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37	Sustainable Agriculture. , 2009, , .		67
38	Isotope and molecular evidence for direct input of maize leaf wax n-alkanes into crop soils. <i>Organic Geochemistry</i> , 1994, 22, 349-351.	1.8	64
39	Positive environmental effects of the coronavirus 2020 episode: a review. <i>Environment, Development and Sustainability</i> , 2021, 23, 12738-12760.	5.0	61
40	Boosting light-driven CO ₂ reduction into solar fuels: Mainstream avenues for engineering ZnO-based photocatalysts. <i>Environmental Research</i> , 2021, 197, 111134.	7.5	61
41	Fundamentals and Applications of Chitosan. <i>Sustainable Agriculture Reviews</i> , 2019, , 49-123.	1.1	60
42	Environmental chemistry is most relevant to study coronavirus pandemics. <i>Environmental Chemistry Letters</i> , 2020, 18, 993-996.	16.2	60
43	Hemp-based adsorbents for sequestration of metals: a review. <i>Environmental Chemistry Letters</i> , 2019, 17, 393-408.	16.2	57
44	Treatment of fluoride-contaminated water. A review. <i>Environmental Chemistry Letters</i> , 2019, 17, 1707-1726.	16.2	55
45	Sustainable ferrate oxidation: Reaction chemistry, mechanisms and removal of pollutants in wastewater. <i>Environmental Pollution</i> , 2021, 290, 117957.	7.5	55
46	Contamination of Pastures by Polycyclic Aromatic Hydrocarbons (PAHs) in the Vicinity of a Highway. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4841-4845.	5.2	54
47	Remediation of heavy metal polluted waters using activated carbon from lignocellulosic biomass: An update of recent trends. <i>Chemosphere</i> , 2022, 302, 134825.	8.2	53
48	Polycyclic aromatic hydrocarbons in highway plants and soils. Evidence for a local distillation effect. <i>Analisis - European Journal of Analytical Chemistry</i> , 2000, 28, 290-293.	0.4	51
49	Efficient recovery of phosphate from simulated urine by Mg/Fe bimetallic oxide modified biochar as a potential resource. <i>Science of the Total Environment</i> , 2021, 784, 147546.	8.0	49
50	Plant Wax n-Alkanes Trapped in Soil Humins by Noncovalent Bonds. <i>Die Naturwissenschaften</i> , 1998, 85, 449-452.	1.6	48
51	¹³ C and ¹⁴ C evidence of pollution of a soil by fossil fuel and reconstruction of the composition of the pollutant. <i>Organic Geochemistry</i> , 1995, 23, 969-973.	1.8	46
52	δ ¹³ C Values of Grasses as a Novel Indicator of Pollution by Fossil-Fuel-Derived Greenhouse Gas CO ₂ in Urban Areas. <i>Environmental Science & Technology</i> , 2003, 37, 87-89.	10.0	46
53	Perovskite nanostructures assembled in molten salt based on halogen anions KX (X ⁻ = F ⁻ , Cl ⁻ and Br ⁻): Regulated morphology and defect-mediated photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2018, 232, 531-543.	20.2	46
54	CO ₂ capture from coalbed methane using membranes: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 79-96.	16.2	46

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55	Classical and alternative disinfection strategies to control the COVID-19 virus in healthcare facilities: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 1945-1951.	16.2	46
56	Ionic liquid-based antimicrobial materials for water treatment, air filtration, food packaging and anticorrosion coatings. <i>Advances in Colloid and Interface Science</i> , 2021, 294, 102454.	14.7	43
57	Prediction of CO ₂ absorption by physical solvents using a chemoinformatics-based machine learning model. <i>Environmental Chemistry Letters</i> , 2019, 17, 1397-1404.	16.2	42
58	Backward transmission of COVID-19 from humans to animals may propagate reinfections and induce vaccine failure. <i>Environmental Chemistry Letters</i> , 2021, 19, 763-768.	16.2	42
59	Gas Chromatography-Mass Spectrometry Study of Polycyclic Aromatic Hydrocarbons in Grass and Milk from Urban and Rural Farms. <i>European Journal of Mass Spectrometry</i> , 2000, 6, 457-460.	1.0	41
60	Occurrence of Biomarkers and Straight-Chain Biopolymers in Humin: Implication for the Origin of Soil Organic Matter. <i>Die Naturwissenschaften</i> , 1998, 85, 497-501.	1.6	40
61	Methane production by acetate dismutation stimulated by <i>Shewanella oneidensis</i> and carbon materials: An alternative to classical CO ₂ reduction. <i>Chemical Engineering Journal</i> , 2020, 389, 124469.	12.7	40
62	Efficient microwave degradation of humic acids in water using persulfate and activated carbon. <i>Environmental Chemistry Letters</i> , 2018, 16, 1069-1075.	16.2	38
63	Effect of Antibiotics on the Microbial Efficiency of Anaerobic Digestion of Wastewater: A Review. <i>Frontiers in Microbiology</i> , 2020, 11, 611613.	3.5	38
64	A molecular and isotopic study of the organic matter from the Paris Basin, France. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 209-221.	3.9	36
65	Enhancing thermophilic anaerobic co-digestion of sewage sludge and food waste with biogas residue biochar. <i>Renewable Energy</i> , 2022, 188, 465-475.	8.9	36
66	Synthesis of a three-dimensional network sodium alginate-poly(acrylic acid)/attapulgitite hydrogel with good mechanic property and reusability for efficient adsorption of Cu ²⁺ and Pb ²⁺ . <i>Environmental Chemistry Letters</i> , 2018, 16, 653-658.	16.2	35
67	Carbon nanotubes accelerate acetoclastic methanogenesis: From pure cultures to anaerobic soils. <i>Soil Biology and Biochemistry</i> , 2020, 150, 107938.	8.8	35
68	Heterogeneous Turnover of Molecular Organic Substances from Crop Soils as Revealed by ¹³ C Labeling at Natural Abundance with Zea mays. <i>Die Naturwissenschaften</i> , 1997, 84, 23-25.	1.6	34
69	Anaerobic digestion and recycling of kitchen waste: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 1745-1762.	16.2	33
70	Portal absorption of ¹⁴ C after ingestion of spiked milk with ¹⁴ C-phenanthrene, ¹⁴ C-benzo[a]pyrene or ¹⁴ C-TCDD in growing pigs. <i>Chemosphere</i> , 2002, 48, 843-848.	8.2	32
71	Wastewater Treatment: An Overview. <i>Environmental Chemistry for A Sustainable World</i> , 2018, , 1-21.	0.5	32
72	CaCu ₃ Ti ₄ O ₁₂ , an efficient catalyst for ibuprofen removal by activation of peroxymonosulfate under visible-light irradiation. <i>Environmental Chemistry Letters</i> , 2019, 17, 481-486.	16.2	32

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73	Copper, silver, and titania nanoparticles do not release ions under anoxic conditions and release only minute ion levels under oxic conditions in water: Evidence for the low toxicity of nanoparticles. <i>Environmental Chemistry Letters</i> , 2020, 18, 1319-1328.	16.2	31
74	Augmentation of chloramphenicol degradation by <i>Geobacter</i> -based biocatalysis and electric field. <i>Journal of Hazardous Materials</i> , 2021, 410, 124977.	12.4	31
75	Climate Change, Intercropping, Pest Control and Beneficial Microorganisms. , 2009, , .		30
76	The impact of successive COVID-19 lockdowns on people mobility, lockdown efficiency, and municipal solid waste. <i>Environmental Chemistry Letters</i> , 2021, 19, 3959-3965.	16.2	30
77	Large scale control of surface ozone by relative humidity observed during warm seasons in China. <i>Environmental Chemistry Letters</i> , 2021, 19, 3981-3989.	16.2	29
78	The protective layer formed by soil particles on plastics decreases the toxicity of polystyrene microplastics to earthworms (<i>Eisenia fetida</i>). <i>Environment International</i> , 2022, 162, 107158.	10.0	29
79	Residential emissions predicted as a major source of fine particulate matter in winter over the Yangtze River Delta, China. <i>Environmental Chemistry Letters</i> , 2018, 16, 1117-1127.	16.2	26
80	Smarter cures to combat COVID-19 and future pathogens: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 2759-2771.	16.2	26
81	Milk- ¹⁴ C-Blood Transfer of Polycyclic Aromatic Hydrocarbons (PAHs) in Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 2493-2496.	5.2	25
82	Agronomy for Sustainable Agriculture: A Review. , 2009, , 1-7.		25
83	Formation of environmentally persistent free radicals and reactive oxygen species during the thermal treatment of soils contaminated by polycyclic aromatic hydrocarbons. <i>Environmental Chemistry Letters</i> , 2020, 18, 1329-1336.	16.2	25
84	In situ electrochemical synthesis of graphene-poly(arginine) composite for p-nitrophenol monitoring. <i>Journal of Hazardous Materials</i> , 2022, 421, 126718.	12.4	25
85	Biochar promotes methane production during anaerobic digestion of organic waste. <i>Environmental Chemistry Letters</i> , 2021, 19, 3557-3564.	16.2	24
86	Advantage of conductive materials on interspecies electron transfer-independent acetoclastic methanogenesis: A critical review. <i>Fuel</i> , 2021, 305, 121577.	6.4	24
87	Isotope evidence for soil organic carbon pools with distinct turnover rates. II. Humic substances. <i>Organic Geochemistry</i> , 1995, 23, 845-847.	1.8	23
88	Removal of Mercury Ions from Aqueous Solutions by Crosslinked Chitosan-based Adsorbents: A Mini Review. <i>Chemical Record</i> , 2020, 20, 1220-1234.	5.8	23
89	Isotope and Biosynthetic Evidence for the Origin of Long-Chain Aliphatic Lipids in Soils. <i>Die Naturwissenschaften</i> , 1998, 85, 76-77.	1.6	22
90	COVID-19 epidemiologic surveillance using wastewater. <i>Environmental Chemistry Letters</i> , 2021, 19, 1911-1915.	16.2	22

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91	13C Labelling of soil n-hentriacontane (C31) by maize cultivation. Tetrahedron Letters, 1995, 36, 529-530.	1.4	21
92	Fossil fuel biomarkers in plant waxes as pollution parameters. Science of the Total Environment, 1998, 222, 201-204.	8.0	20
93	Unprofitability of small biogas plants without subsidies in the Brandenburg region. Environmental Chemistry Letters, 2021, 19, 1823-1829.	16.2	20
94	Occurrence of 2-methyl-, 3-methyl- and 6-methyltri-aromatic steroid hydrocarbons in geological samples. Tetrahedron Letters, 1990, 31, 3937-3940.	1.4	19
95	Unprotected mothers and infants breastfeeding in public amenities during the COVID-19 pandemic. Environmental Chemistry Letters, 2020, 18, 1447-1450.	16.2	19
96	Removal of humic substances by the synergistic effect of biochar adsorption and activation of persulfate. Journal of Water Process Engineering, 2021, 44, 102428.	5.6	19
97	Local production, downward and regional transport aggravated surface ozone pollution during the historical orange-alert large-scale ozone episode in eastern China. Environmental Chemistry Letters, 2022, 20, 1577-1588.	16.2	19
98	Synthesis of triaromatic steroid hydrocarbons methylated at position 2, 3 or 6: molecular fossils of yet unknown biological origin. Tetrahedron, 1994, 50, 1731-1744.	1.9	18
99	High-altitude and long-range transport of aerosols causing regional severe haze during extreme dust storms explains why afforestation does not prevent storms. Environmental Chemistry Letters, 2019, 17, 1333-1340.	16.2	18
100	Common source areas of air pollution vary with haze intensity in the Yangtze River Delta, China. Environmental Chemistry Letters, 2020, 18, 957-965.	16.2	18
101	Formation of persistent free radicals in sludge biochar by hydrothermal carbonization. Environmental Chemistry Letters, 2021, 19, 2705-2712.	16.2	18
102	A 25-year record of polycyclic aromatic hydrocarbons in soils amended with sewage sludges. Environmental Chemistry Letters, 2005, 3, 140-144.	16.2	17
103	Emerging agrosience. Agronomy for Sustainable Development, 2010, 30, 1-10.	5.3	17
104	Glutathione-functionalized melamine sponge, a mimic of a natural antidote, as a quick responsive adsorbent for efficient removal of Hg(II) from aqueous solutions. Environmental Chemistry Letters, 2018, 16, 1429-1434.	16.2	17
105	Depositional environment of a Kimmeridgian carbonate 'black band' (Akkuyu Formation, south-western) Tj ETQq1 1 0.784314 rgBT /Ove 3.1 16	16.2	16
106	Agroecological engineering. Agronomy for Sustainable Development, 2015, 35, 1191-1198.	5.3	16
107	High resolution mapping of nighttime light and air pollutants during the COVID-19 lockdown in Wuhan. Environmental Chemistry Letters, 2021, 19, 3477-3485.	16.2	16
108	Nanozymes to fight the COVID-19 and future pandemics. Environmental Chemistry Letters, 2021, 19, 3951-3957.	16.2	16

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109	Enhanced methane production by granular activated carbon: A review. <i>Fuel</i> , 2022, 320, 123903.	6.4	16
110	Enhanced resolution of organic compounds from sediments by isotopic gas chromatography–combustion–mass spectrometry. <i>Journal of Chromatography A</i> , 1991, 585, 177-180.	3.7	15
111	Resistant ultralaminae in soils. <i>Organic Geochemistry</i> , 1996, 25, 263-265.	1.8	15
112	Biodiversity, Biofuels, Agroforestry and Conservation Agriculture. <i>Sustainable Agriculture Reviews</i> , 2011, , .	1.1	15
113	Environmental Chemistry for a Sustainable World. <i>Environmental Chemistry for A Sustainable World</i> , 2012, , .	0.5	15
114	Publishing science without results and recycling research. <i>Environmental Chemistry Letters</i> , 2018, 16, 1-4.	16.2	15
115	Comprehensive role of thermal combined ultrasonic pre-treatment in sewage sludge disposal. <i>Science of the Total Environment</i> , 2021, 789, 147862.	8.0	15
116	^{14}C of grasses as an indicator of fossil fuel CO_2 pollution. <i>Environmental Chemistry Letters</i> , 2005, 3, 78-81.	16.2	14
117	Genetic Engineering, Biofertilisation, Soil Quality and Organic Farming. <i>Sustainable Agriculture Reviews</i> , 2010, , .	1.1	14
118	<i>Sustainable Agriculture Volume 2.</i> , 2011, , .		14
119	Electronic waste pollution and the COVID-19 pandemic. <i>Environmental Chemistry Letters</i> , 2022, 20, 971-974.	16.2	14
120	Weak electrical stimulation on biological denitrification: Insights from the denitrifying enzymes. <i>Science of the Total Environment</i> , 2022, 806, 150926.	8.0	14
121	Methods for selenium removal from contaminated waters: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 2019-2041.	16.2	14
122	Configuration and rapid start-up of a novel combined microbial electrolytic process treating fecal sewage. <i>Science of the Total Environment</i> , 2020, 705, 135986.	8.0	13
123	Who is running faster, the virus or the vaccine?. <i>Environmental Chemistry Letters</i> , 2020, 18, 1761-1766.	16.2	13
124	High spatio-temporal heterogeneity of carbon footprints in the Zhejiang Province, China, from 2005 to 2015: implications for climate change policies. <i>Environmental Chemistry Letters</i> , 2020, 18, 931-939.	16.2	13
125	Unanswered issues related to the COVID-19 pandemic. <i>Environmental Chemistry Letters</i> , 2021, 19, 3523-3524.	16.2	13
126	<i>Sustainable Agriculture as a Central Science to Solve Global Society Issues. Sustainable Agriculture Reviews</i> , 2009, , 1-3.	1.1	13

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127	Accelerated transformation of organic matter below the silica transition zone in immature sediments from the Japan Sea. <i>Organic Geochemistry</i> , 1994, 21, 517-523.	1.8	12
128	Cross-Linked Chitosan-Based Hydrogels for Dye Removal. <i>Sustainable Agriculture Reviews</i> , 2019, , 381-425.	1.1	12
129	High contribution of hydrocarbon transformation during the removal of polycyclic aromatic hydrocarbons from soils, humin and clay by thermal treatment at 100–200°C. <i>Environmental Chemistry Letters</i> , 2020, 18, 923-930.	16.2	12
130	Traditional and New Applications of Hemp. <i>Sustainable Agriculture Reviews</i> , 2020, , 37-87.	1.1	12
131	Accelerated start-up and improved performance of wastewater microbial fuel cells in four circuit modes: Role of anodic potential. <i>Journal of Power Sources</i> , 2022, 535, 231403.	7.8	12
132	Towards synergistic combination of biochar/ultrasonic persulfate enhancing removal of natural humic acids from water. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107809.	6.7	12
133	Tracing biogenic links of natural organic substances at the molecular level with stable carbon isotopes : n-Alkanes and n-Alkanoic acids from sediments. <i>Tetrahedron Letters</i> , 1992, 33, 8093-8094.	1.4	11
134	Sociology, Organic Farming, Climate Change and Soil Science. <i>Sustainable Agriculture Reviews</i> , 2010, , .	1.1	11
135	Technologies to Remove Selenium from Water and Wastewater. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 207-304.	0.5	11
136	Climate Change, Society Issues and Sustainable Agriculture. , 2009, , 1-7.		11
137	A novel model of humin. <i>Analisis - European Journal of Analytical Chemistry</i> , 1999, 27, 385-386.	0.4	11
138	Temporal pools of individual organic substances in soil. <i>Analisis - European Journal of Analytical Chemistry</i> , 1999, 27, 442-446.	0.4	11
139	Higher efficiency of triethanolamine-grafted anion exchange membranes for acidic wastewater treatment. , 0, 197, 41-51.		11
140	River therapy. <i>Environmental Chemistry Letters</i> , 2022, 20, 2729-2734.	16.2	11
141	Weak electricity stimulates biological nitrate removal of wastewater: Hypothesis and first evidences. <i>Science of the Total Environment</i> , 2021, 757, 143764.	8.0	10
142	History of Cyclodextrins. <i>Environmental Chemistry for A Sustainable World</i> , 2020, , 1-93.	0.5	10
143	Society Issues, Painkiller Solutions, Dependence and Sustainable Agriculture. <i>Sustainable Agriculture Reviews</i> , 2010, , 1-17.	1.1	10
144	Innovative technologies to remove alkylphenols from wastewater: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 2597-2628.	16.2	10

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145	Abiotic transformation of polycyclic aromatic hydrocarbons via interaction with soil components: A systematic review. <i>Critical Reviews in Environmental Science and Technology</i> , 2023, 53, 676-699.	12.8	10
146	Fate of organic pollutants after sewage sludge spreading on agricultural soils: a 30-years field-scale recording. <i>Water Practice and Technology</i> , 2007, 2, .	2.0	9
147	Pesticide resurrection. <i>Environmental Chemistry Letters</i> , 2022, 20, 3357-3362.	16.2	9
148	Enhanced nutrient removal from mixed black water by a microbial ultra-low weak electrical stimulated anaerobic-two stage anoxic/aerobic process. <i>Chemical Engineering Journal</i> , 2022, 434, 134615.	12.7	9
149	¹³ C-dating, the first method to calculate the relative age of molecular substance homologues in soil. <i>Environmental Chemistry Letters</i> , 2012, 10, 97-103.	16.2	8
150	Evidence for water ridges at oil-water interfaces: implications for ion transport. <i>Soft Matter</i> , 2020, 16, 826-832.	2.7	8
151	Self-provided microbial electricity enhanced wastewater treatment using carbon felt anode coated with amino-functionalized Fe ₃ O ₄ . <i>Journal of Water Process Engineering</i> , 2020, 38, 101649.	5.6	8
152	Enhanced removal of antimony in dyeing wastewater by mixing Fe ₃ O ₄ with manganese sand filter material. <i>Water Environment Research</i> , 2020, 92, 1208-1213.	2.7	8
153	The Role of Plants in the Remediation of Contaminated Soils. , 1999, , 429-449.		8
154	Fossil Fuel Biomarkers in Sewage Sludges: Environmental Significance. <i>Die Naturwissenschaften</i> , 1999, 86, 484-488.	1.6	7
155	Social chemistry. <i>Environmental Chemistry Letters</i> , 2012, 10, 1-4.	16.2	7
156	Hemp to limit diffusion of difenoconazole in vegetable garden soils. <i>Heliyon</i> , 2019, 5, e02392.	3.2	7
157	Chitosan for Direct Bioflocculation Processes. <i>Sustainable Agriculture Reviews</i> , 2019, , 335-380.	1.1	7
158	Plant and algal toxicity of persistent free radicals and reactive oxygen species generated by heating anthracene-contaminated soils from 100 to 600°C. <i>Environmental Chemistry Letters</i> , 2021, 19, 2695-2703.	16.2	7
159	Hemp-Based Materials for Metal Removal. <i>Environmental Chemistry for A Sustainable World</i> , 2018, , 1-34.	0.5	6
160	A new assay of bacterial selection with Pb reveals an unexpected effect of Pb on bacterial behavior: implications for remediation. <i>Environmental Chemistry Letters</i> , 2020, 18, 983-992.	16.2	6
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