

Ming-Hung Wong

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/294403/ming-hung-wong-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

213
papers

8,073
citations

47
h-index

80
g-index

221
ext. papers

10,170
ext. citations

7.7
avg, IF

6.6
L-index

#	Paper	IF	Citations
213	Effects of biochar on soil water retention curves of compacted clay during wetting and drying. <i>Biochar</i> , 2022 , 4, 1	10	0
212	An experimental setup to prepare root-free mycorrhizal soil specimen for hydraulic conductivity measurement. <i>Journal of Soils and Sediments</i> , 2022 , 22, 1278	3-4	
211	Integrated sustainable waste management in densely populated cities: The case of Hong Kong 2022 , 2, 100014		0
210	Environmental health impacts of microplastics exposure on structural organization levels in the human body.. <i>Science of the Total Environment</i> , 2022 , 154025	10.2	6
209	Microplastic contamination in marine-cultured fish from the Pearl River Estuary, South China.. <i>Science of the Total Environment</i> , 2022 , 154281	10.2	1
208	Morphochemical investigation on the enrichment and transformation of hazardous elements in ash from waste incineration plants.. <i>Science of the Total Environment</i> , 2022 , 154490	10.2	0
207	Sustainable materials alternative to petrochemical plastics pollution: A review analysis 2022 , 2, 100016		0
206	Toxic chemicals from uncontrolled e-waste recycling: Exposure, body burden, health impact. <i>Journal of Hazardous Materials</i> , 2021 , 127792	12.8	5
205	Remediation of emerging contaminated sites due to uncontrolled e-waste recycling. <i>Chemical Engineering Journal</i> , 2021 , 430, 133169	14.7	0
204	Associations between blood metal/ metalloid concentration and human semen quality and sperm function: A cross-sectional study in Hong Kong. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021 , 65, 126735	4.1	3
203	Role and possible mechanisms of earthworm <i>Eisenia fetida</i> in the elimination of microcystin-LR in soil. <i>Geoderma</i> , 2021 , 392, 114980	6.7	2
202	Environmental emission, fate and transformation of microplastics in biotic and abiotic compartments: Global status, recent advances and future perspectives. <i>Science of the Total Environment</i> , 2021 , 791, 148422	10.2	8
201	Variety-Selective Rhizospheric Activation, Uptake, and Subcellular Distribution of Perfluorooctanesulfonate (PFOS) in Lettuce (L.). <i>Environmental Science & Technology</i> , 2021 , 55, 8730-8741	10.3	4
200	Co-production of polysaccharides, ginsenosides and succinic acid from <i>Panax ginseng</i> residue: A typical industrial herbal waste. <i>Bioresource Technology</i> , 2021 , 331, 125073	11	3
199	Emission sources and full spectrum of health impacts of black carbon associated polycyclic aromatic hydrocarbons (PAHs) in urban environment: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021 , 51, 857-896	11.1	15
198	Vetiver grass-microbe interactions for soil remediation. <i>Critical Reviews in Environmental Science and Technology</i> , 2021 , 51, 897-938	11.1	5
197	Amendment additions and their potential effect on soil geotechnical properties: A perspective review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021 , 51, 535-576	11.1	0

196	Use of biochar as feed supplements for animal farming. <i>Critical Reviews in Environmental Science and Technology</i> , 2021 , 51, 187-217	11.1	24
195	Combined effects of arbuscular mycorrhizae fungus and composted pig manure on the growth of ryegrass and uptake of Cd and Zn in the soil from an e-waste recycling site. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 12677-12685	5.1	3
194	Complete biodegradation of di-n-butyl phthalate (DBP) by a novel <i>Pseudomonas</i> sp. YJB6. <i>Science of the Total Environment</i> , 2021 , 761, 143208	10.2	8
193	Comparison of ashing and pyrolysis treatment on cadmium/zinc hyperaccumulator plant: Effects on bioavailability and metal speciation in solid residues and risk assessment. <i>Environmental Pollution</i> , 2021 , 272, 116039	9.3	9
192	Land application of sewage sludge biochar: Assessments of soil-plant-human health risks from potentially toxic metals. <i>Science of the Total Environment</i> , 2021 , 756, 144137	10.2	10
191	Effects of mycorrhizal Bermuda grass on low-range soil matric suction. <i>Journal of Soils and Sediments</i> , 2021 , 21, 990-1000	3.4	3
190	Adsorption of microcystin contaminants by biochars derived from contrasting pyrolytic conditions: Characteristics, affecting factors, and mechanisms. <i>Science of the Total Environment</i> , 2021 , 763, 143028	10.2	6
189	Protecting water birds of wetlands: Using toxicological tests and ecological risk assessment, based on metal/loid (s) of water, sediment and biota samples. <i>Science of the Total Environment</i> , 2021 , 778, 146317	10.2	1
188	Health impacts of indoor air pollution from household solid fuel on children and women. <i>Journal of Hazardous Materials</i> , 2021 , 416, 126127	12.8	7
187	Bioaccumulation and health risk assessment of phthalate esters in cultured low trophic level fish fed with food waste-based diets. <i>Chemosphere</i> , 2021 , 276, 130189	8.4	4
186	Cell wall modification induced by an arbuscular mycorrhizal fungus enhanced cadmium fixation in rice root. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125894	12.8	7
185	Variant-Specific Adsorption, Desorption, and Dissipation of Microcystin Toxins in Surface Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 11825-11834	5.7	1
184	Root cell wall chemistry remodelling enhanced arsenic fixation of a cabbage cultivar. <i>Journal of Hazardous Materials</i> , 2021 , 420, 126165	12.8	4
183	Trace Analysis of Multiclass Antibiotics in Food Products by Liquid Chromatography-Tandem Mass Spectrometry: Method Development. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 1656-1666	5.7	8
182	Growth and intestinal microbiota of Sabah giant grouper reared on food waste-based pellets supplemented with spirulina as a growth promoter and alternative protein source. <i>Aquaculture Reports</i> , 2020 , 18, 100553	2.3	0
181	Improving yield and quality of vegetable grown in PAEs-contaminated soils by using novel bioorganic fertilizer. <i>Science of the Total Environment</i> , 2020 , 739, 139883	10.2	7
180	Efficient detection and assessment of human exposure to trace antibiotic residues in drinking water. <i>Water Research</i> , 2020 , 175, 115699	12.5	50
179	Effects of biochar on soil microbial community and functional genes of a landfill cover three years after ecological restoration. <i>Science of the Total Environment</i> , 2020 , 717, 137133	10.2	19

178	Source, migration and toxicology of microplastics in soil. <i>Environment International</i> , 2020 , 137, 105263	12.9	247
177	AM fungi increase uptake of Cd and BDE-209 and activities of dismutase and catalase in amaranth (<i>Amaranthus hypochondriacus</i> L.) in two contaminants spiked soil. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 195, 110485	7	9
176	Direct and indirect effects of microplastics on bivalves, with a focus on edible species: A mini-review. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 50, 2109-2143	11.1	30
175	Soybean dreg pre-digested by enzymes can effectively replace part of the fishmeal included in feed pellets for rearing gold-lined seabream. <i>Science of the Total Environment</i> , 2020 , 704, 135266	10.2	3
174	Pollution characteristics, mechanism of toxicity and health effects of the ultrafine particles in the indoor environment: Current status and future perspectives. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 1-38	11.1	5
173	Co-pyrolysis of sewage sludge and rice husk/ bamboo sawdust for biochar with high aromaticity and low metal mobility. <i>Environmental Research</i> , 2020 , 191, 110034	7.9	32
172	Ecological risks of heavy metals/metalloid discharged from two sewage treatment works to Mai Po Ramsar site, South China. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 466	3.1	2
171	Prevalent phthalates in air-soil-vegetable systems of plastic greenhouses in a subtropical city and health risk assessments. <i>Science of the Total Environment</i> , 2020 , 743, 140755	10.2	15
170	Dynamics, thermodynamics, and mechanism of perfluorooctane sulfonate (PFOS) sorption to various soil particle-size fractions of paddy soil. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 206, 111105	7.5	5
169	Effects of arbuscular mycorrhizal fungi on redox homeostasis of rice under Cd stress. <i>Plant and Soil</i> , 2020 , 455, 121-138	4.2	10
168	Impacts of the influx of e-waste into Hong Kong after China has tightened up entry regulations. <i>Critical Reviews in Environmental Science and Technology</i> , 2020 , 50, 105-134	11.1	14
167	Application of <i>Spirulina</i> in aquaculture: a review on wastewater treatment and fish growth. <i>Reviews in Aquaculture</i> , 2020 , 12, 582-599	8.9	23
166	Health risk assessments based on polycyclic aromatic hydrocarbons in freshwater fish cultured using food waste-based diets. <i>Environmental Pollution</i> , 2020 , 256, 113380	9.3	12
165	High ecological and human health risks from microcystins in vegetable fields in southern China. <i>Environment International</i> , 2019 , 133, 105142	12.9	30
164	Distribution, diastereomer-specific accumulation and associated health risks of hexabromocyclododecanes (HBCDs) in soil-vegetable system of the Pearl River Delta region, South China. <i>Journal of Environmental Management</i> , 2019 , 248, 109321	7.9	4
163	Sorption Mechanism, Kinetics, and Isotherms of Di- n-butyl Phthalate to Different Soil Particle-Size Fractions. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 4734-4745	5.7	25
162	Mercury methylation by <i>Geobacter metallireducens</i> GS-15 in the presence of <i>Skeletonema costatum</i> . <i>Science of the Total Environment</i> , 2019 , 671, 208-214	10.2	3
161	Effects of biochar on bacterial communities in a newly established landfill cover topsoil. <i>Journal of Environmental Management</i> , 2019 , 236, 667-673	7.9	32

160	Feeding and metabolism effects of three common microplastics on <i>Tenebrio molitor</i> L. <i>Environmental Geochemistry and Health</i> , 2019 , 41, 17-26	4.7	22
159	Comparison of physicochemical properties of biochars and hydrochars produced from food wastes. <i>Journal of Cleaner Production</i> , 2019 , 236, 117637	10.3	53
158	Co-metabolic degradation of the antibiotic ciprofloxacin by the enriched bacterial consortium XG and its bacterial community composition. <i>Science of the Total Environment</i> , 2019 , 665, 41-51	10.2	44
157	Formation of dioxins from triclosan with active chlorine: A potential risk assessment. <i>Journal of Hazardous Materials</i> , 2019 , 367, 128-136	12.8	30
156	Human health risk assessment of antibiotic resistance associated with antibiotic residues in the environment: A review. <i>Environmental Research</i> , 2019 , 169, 483-493	7.9	329
155	Effect of tobacco stem-derived biochar on soil metal immobilization and the cultivation of tobacco plant. <i>Journal of Soils and Sediments</i> , 2019 , 19, 2313-2321	3.4	23
154	Effects of β -cyclodextrin on phytoremediation of soil co-contaminated with Cd and BDE-209 by arbuscular mycorrhizal amaranth. <i>Chemosphere</i> , 2019 , 220, 910-920	8.4	14
153	Inhibitory effects of <i>Skeletonema costatum</i> on mercury methylation by <i>Geobacter sulfurreducens</i> PCA. <i>Chemosphere</i> , 2019 , 216, 179-185	8.4	6
152	Arbuscular mycorrhizal fungi and the associated bacterial community influence the uptake of cadmium in rice. <i>Geoderma</i> , 2019 , 337, 749-757	6.7	43
151	The role of sewage sludge biochar in methylmercury formation and accumulation in rice. <i>Chemosphere</i> , 2019 , 218, 527-533	8.4	19
150	Arbuscular mycorrhizal fungi increase the proportion of cellulose and hemicellulose in the root stele of vetiver grass. <i>Plant and Soil</i> , 2018 , 425, 309-319	4.2	15
149	Global Picture of Protein Regulation in Response to Dibutyl Phthalate (DBP) Stress of Two Brassica parachinensis Cultivars Differing in DBP Accumulation. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 4768-4779	5.7	11
148	Phthalates contamination in China: Status, trends and human exposure-with an emphasis on oral intake. <i>Environmental Pollution</i> , 2018 , 238, 771-782	9.3	74
147	Do arsenate reductase activities and oxalate exudation contribute to variations of arsenic accumulation in populations of <i>Pteris vittata</i> ?. <i>Journal of Soils and Sediments</i> , 2018 , 18, 3177-3185	3.4	6
146	Applying β -cyclodextrin to amaranth inoculated with white-rot fungus for more efficient remediation of soil co-contaminated with Cd and BDE-209. <i>Science of the Total Environment</i> , 2018 , 634, 417-426	10.2	10
145	Ecological Restoration of Man-Made Habitats, with Emphasis on Metal-Contaminated Sites and Domestic Landfills 2018 , 15-37		1
144	Effects of biochar on hydraulic conductivity of compacted kaolin clay. <i>Environmental Pollution</i> , 2018 , 234, 468-472	9.3	36
143	Intraspecific variability of ciprofloxacin accumulation, tolerance, and metabolism in Chinese flowering cabbage (<i>Brassica parachinensis</i>). <i>Journal of Hazardous Materials</i> , 2018 , 349, 252-261	12.8	17

142	Profiles and removal efficiency of organochlorine pesticides with emphasis on DDTs and HCHs by two different sewage treatment works. <i>Environmental Technology and Innovation</i> , 2018 , 9, 220-231	7	12
141	Genotypic variation and mechanism in uptake and translocation of perfluorooctanoic acid (PFOA) in lettuce (<i>Lactuca sativa</i> L.) cultivars grown in PFOA-polluted soils. <i>Science of the Total Environment</i> , 2018 , 636, 999-1008	10.2	31
140	Phthalate esters distribution in coastal mariculture of Hong Kong, China. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 17321-17329	5.1	12
139	Soil contamination and sources of phthalates and its health risk in China: A review. <i>Environmental Research</i> , 2018 , 164, 417-429	7.9	145
138	Sorption kinetics, isotherms, and mechanism of aniline aerofloat to agricultural soils with various physicochemical properties. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 154, 84-91	7	14
137	Effects of land use change on soil organic carbon sources and molecular distributions: 6280 years of paddy rice cropping revealed by lipid biomarkers. <i>Journal of Soils and Sediments</i> , 2018 , 18, 12-23	3.4	5
136	Fate of bisphenol A, perfluorooctanoic acid and perfluorooctanesulfonate in two different types of sewage treatment works in Hong Kong. <i>Chemosphere</i> , 2018 , 190, 358-367	8.4	11
135	Phytoremediation of soil co-contaminated with Cd and BDE-209 using hyperaccumulator enhanced by AM fungi and surfactant. <i>Science of the Total Environment</i> , 2018 , 613-614, 447-455	10.2	47
134	Use of food waste, fish waste and food processing waste for China's aquaculture industry: Needs and challenge. <i>Science of the Total Environment</i> , 2018 , 613-614, 635-643	10.2	99
133	Arbuscular mycorrhizal fungal community in the topsoil of a subtropical landfill restored after 18 years. <i>Journal of Environmental Management</i> , 2018 , 225, 17-24	7.9	7
132	Variations in microbial community and di-(2-ethylhexyl) phthalate (DEHP) dissipation in different rhizospheric compartments between low- and high-DEHP accumulating cultivars of rice (<i>Oryza sativa</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2018 , 163, 567-576	7	11
131	Role of phosphoric acid in the bioavailability of potentially toxic elements in hydrochars produced by hydrothermal carbonisation of sewage sludge. <i>Waste Management</i> , 2018 , 79, 232-239	8.6	8
130	Effects of biochar on the ecological performance of a subtropical landfill. <i>Science of the Total Environment</i> , 2018 , 644, 963-975	10.2	17
129	Biodegradation of di-butyl phthalate (DBP) by a novel endophytic bacterium <i>Bacillus subtilis</i> and its bioaugmentation for removing DBP from vegetation slurry. <i>Journal of Environmental Management</i> , 2018 , 224, 1-9	7.9	19
128	Variation in accumulation, transport, and distribution of phthalic acid esters (PAEs) in soil columns grown with low- and high-PAE accumulating rice cultivars. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 17768-17780	5.1	23
127	Comparison of sorption kinetics of PAHs by sorptive sinks and caco-2 cell and the correlation between bioaccessibility and bioavailability of PAHs in indoor dust. <i>Science of the Total Environment</i> , 2018 , 645, 170-178	10.2	6
126	Functional genomic analysis of phthalate acid ester (PAE) catabolism genes in the versatile PAE-mineralising bacterium <i>Rhodococcus</i> sp. 2G. <i>Science of the Total Environment</i> , 2018 , 640-641, 646-652	10.2	20
125	Biodegradation pathway of di-(2-ethylhexyl) phthalate by a novel <i>Rhodococcus pyridinivorans</i> XB and its bioaugmentation for remediation of DEHP contaminated soil. <i>Science of the Total Environment</i> , 2018 , 640-641, 1121-1131	10.2	37

124	Biodegradation of di-n-butyl phthalate (DBP) by a novel endophytic <i>Bacillus megaterium</i> strain YJB3. <i>Science of the Total Environment</i> , 2018 , 616-617, 117-127	10.2	48
123	Cultivar-Dependent Accumulation and Translocation of Perfluorooctanesulfonate among Lettuce (<i>Lactuca sativa</i> L.) Cultivars Grown on Perfluorooctanesulfonate-Contaminated Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 13096-13106	5.7	16
122	Mechanism and Implication of the Sorption of Perfluorooctanoic Acid by Varying Soil Size Fractions. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 11569-11579	5.7	23
121	Distribution and speciation of mercury affected by humic acid in mariculture sites at the Pearl River estuary. <i>Environmental Pollution</i> , 2018 , 240, 623-629	9.3	17
120	Removal of decabromodiphenyl ether (BDE-209) using a combined system involving TiO photocatalysis and wetland plants. <i>Journal of Hazardous Materials</i> , 2017 , 322, 263-269	12.8	20
119	Profiles and removal efficiency of polycyclic aromatic hydrocarbons by two different types of sewage treatment plants in Hong Kong. <i>Journal of Environmental Sciences</i> , 2017 , 53, 196-206	6.4	23
118	Soil-water retention behavior of compacted biochar-amended clay: a novel landfill final cover material. <i>Journal of Soils and Sediments</i> , 2017 , 17, 590-598	3.4	68
117	Efficient phytoremediation of organic contaminants in soils using plant-endophyte partnerships. <i>Science of the Total Environment</i> , 2017 , 583, 352-368	10.2	139
116	A Robust Method for Routine Analysis of Perfluorooctane Sulfonate (PFOS) and Perfluorohexane Sulfonate (PFHxS) in Various Edible Crop Matrices. <i>Food Analytical Methods</i> , 2017 , 10, 2518-2528	3.4	6
115	Cadmium in rice: Transport mechanisms, influencing factors, and minimizing measures. <i>Environmental Pollution</i> , 2017 , 224, 622-630	9.3	205
114	A pilot study on health risk assessment based on body loadings of PCBs of lactating mothers at Taizhou, China, the world's major site for recycling transformers. <i>Environmental Pollution</i> , 2017 , 227, 364-371	9.3	15
113	The association of environmental toxicants and autism spectrum disorders in children. <i>Environmental Pollution</i> , 2017 , 227, 234-242	9.3	68
112	Does arbuscular mycorrhizal fungus affect cadmium uptake and chemical forms in rice at different growth stages?. <i>Science of the Total Environment</i> , 2017 , 599-600, 1564-1572	10.2	39
111	Mycorrhizal colonization status of lowland rice (<i>Oryza sativa</i> L.) in the southeastern region of China. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 5268-5276	5.1	15
110	Cumulative effects of bamboo sawdust addition on pyrolysis of sewage sludge: Biochar properties and environmental risk from metals. <i>Bioresource Technology</i> , 2017 , 228, 218-226	11	131
109	Chemical pollution and seafood safety, with a focus on mercury: The case of Pearl River Delta, South China. <i>Environmental Technology and Innovation</i> , 2017 , 7, 63-76	7	10
108	Arsenic sorption by red mud-modified biochar produced from rice straw. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 18168-18178	5.1	71
107	Determination of Trace Perfluoroalkyl Carboxylic Acids in Edible Crop Matrices: Matrix Effect and Method Development. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 8763-8772	5.7	17

106	Low-molecular-weight organic acids correlate with cultivar variation in ciprofloxacin accumulation in <i>Brassica parachinensis</i> L. <i>Scientific Reports</i> , 2017 , 7, 10301	4.9	10
105	Enhanced dissipation of DEHP in soil and simultaneously reduced bioaccumulation of DEHP in vegetable using bioaugmentation with exogenous bacteria. <i>Biology and Fertility of Soils</i> , 2017 , 53, 663-675	6.1	29
104	Toxicological effects of microcystin-LR on earthworm (<i>Eisenia fetida</i>) in soil. <i>Biology and Fertility of Soils</i> , 2017 , 53, 849-860	6.1	10
103	Variations in microbial community and ciprofloxacin removal in rhizospheric soils between two cultivars of <i>Brassica parachinensis</i> L. <i>Science of the Total Environment</i> , 2017 , 603-604, 66-76	10.2	16
102	Oxic and anoxic conditions affect arsenic (As) accumulation and arsenite transporter expression in rice. <i>Chemosphere</i> , 2017 , 168, 969-975	8.4	52
101	Comparison of plant and bacterial communities between a subtropical landfill topsoil 15years after restoration and a natural area. <i>Waste Management</i> , 2017 , 63, 49-57	8.6	19
100	Effects of Fe plaque and organic acids on metal uptake by wetland plants under drained and waterlogged conditions. <i>Environmental Pollution</i> , 2017 , 231, 732-741	9.3	14
99	Influence of pyrolysis temperature on properties and environmental safety of heavy metals in biochars derived from municipal sewage sludge. <i>Journal of Hazardous Materials</i> , 2016 , 320, 417-426	12.8	305
98	Do arbuscular mycorrhizal fungi affect cadmium uptake kinetics, subcellular distribution and chemical forms in rice?. <i>Science of the Total Environment</i> , 2016 , 571, 1183-90	10.2	108
97	Effects of nitrogen removal microbes and partial nitrification-denitrification in the integrated vertical-flow constructed wetland. <i>Ecological Engineering</i> , 2016 , 95, 83-89	3.9	41
96	Dietary exposure and human risk assessment of phthalate esters based on total diet study in Cambodia. <i>Environmental Research</i> , 2016 , 150, 423-430	7.9	25
95	Role of mariculture in the loading and speciation of mercury at the coast of the East China Sea. <i>Environmental Pollution</i> , 2016 , 218, 1037-1044	9.3	24
94	Food wastes as fish feeds for polyculture of low-trophic-level fish: bioaccumulation and health risk assessments of heavy metals in the cultured fish. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 7195-203	5.1	13
93	Enhancing growth and non-specific immunity of grass carp and Nile tilapia by incorporating Chinese herbs (<i>Astragalus membranaceus</i> and <i>Lycium barbarum</i>) into food waste based pellets. <i>Environmental Pollution</i> , 2016 , 219, 475-482	9.3	29
92	Recycle food wastes into high quality fish feeds for safe and quality fish production. <i>Environmental Pollution</i> , 2016 , 219, 631-638	9.3	41
91	Ecological Performance of the Restored South East New Territories (SENT) Landfill in Hong Kong (2000-2012). <i>Land Degradation and Development</i> , 2016 , 27, 1664-1676	4.4	23
90	The effects of mariculture on heavy metal distribution in sediments and cultured fish around the Pearl River Delta region, south China. <i>Chemosphere</i> , 2016 , 148, 171-7	8.4	66
89	Health risks of polycyclic aromatic hydrocarbons via fish consumption in Haimen bay (China), downstream of an e-waste recycling site (Guiyu). <i>Environmental Research</i> , 2016 , 147, 233-40	7.9	36

88	The effect of silicon on iron plaque formation and arsenic accumulation in rice genotypes with different radial oxygen loss (ROL). <i>Environmental Pollution</i> , 2016 , 212, 27-33	9.3	77
87	Physiological differences in response to di-n-butyl phthalate (DBP) exposure between low- and high-DBP accumulating cultivars of Chinese flowering cabbage (<i>Brassica parachinensis</i> L.). <i>Environmental Pollution</i> , 2016 , 208, 840-9	9.3	21
86	Gas permeability of biochar-amended clay: potential alternative landfill final cover material. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 7126-31	5.1	47
85	Feasibility of biochar application on a landfill final cover-a review on balancing ecology and shallow slope stability. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 7111-25	5.1	43
84	The use of food waste-based diets and Napier grass to culture grass carp: growth performance and contaminants contained in cultured fish. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 7204-10	5.1	2
83	Restoration of Plant and Animal Communities in a Sanitary Landfill: A 10-year Case Study in Hong Kong. <i>Land Degradation and Development</i> , 2016 , 27, 490-499	4.4	23
82	Comparison of Pioneer and Native Woodland Species Growing on Top of an Engineered Landfill, Hong Kong: Restoration Programme. <i>Land Degradation and Development</i> , 2016 , 27, 500-510	4.4	21
81	Hydroxylated polybrominated diphenyl ethers (OH-PBDEs) in paired maternal and neonatal samples from South China: Placental transfer and potential risks. <i>Environmental Research</i> , 2016 , 148, 72-78	7.9	12
80	Arbuscular mycorrhizal fungi optimize the acquisition and translocation of Cd and P by cucumber (<i>Cucumis sativus</i> L.) plant cultivated on a Cd-contaminated soil. <i>Journal of Soils and Sediments</i> , 2016 , 16, 2195-2202	3.4	8
79	Sorption of dodecyltrimethylammonium chloride (DTAC) to agricultural soils. <i>Science of the Total Environment</i> , 2016 , 560-561, 197-203	10.2	15
78	Integrated wetlands for food production. <i>Environmental Research</i> , 2016 , 148, 429-442	7.9	15
77	Complete degradation of the endocrine disruptor di-(2-ethylhexyl) phthalate by a novel <i>Agromyces</i> sp. MT-O strain and its application to bioremediation of contaminated soil. <i>Science of the Total Environment</i> , 2016 , 562, 170-178	10.2	61
76	Comparison of in vitro digestion model with in vivo relative bioavailability of BDE-209 in indoor dust and combination of in vitro digestion/Caco-2 cell model to estimate the daily intake of BDE-209 via indoor dust. <i>Environmental Pollution</i> , 2016 , 218, 497-504	9.3	11
75	Use of soybean meal and papain to partially replace animal protein for culturing three marine fish species: Fish growth and water quality. <i>Environmental Pollution</i> , 2016 , 219, 815-820	9.3	11
74	Uptake and transport mechanisms of decabromodiphenyl ether (BDE-209) by rice (<i>Oryza sativa</i>). <i>Chemosphere</i> , 2015 , 119, 1262-1267	8.4	36
73	Environmental mercury concentrations in cultured low-trophic-level fish using food waste-based diets. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 495-507	5.1	16
72	Effects of mycorrhizal inoculation of upland rice on uptake kinetics of arsenate and arsenite. <i>Journal of Plant Nutrition and Soil Science</i> , 2015 , 178, 333-338	2.3	3
71	Arbuscular mycorrhizal fungal species composition, propagule density, and soil alkaline phosphatase activity in response to continuous and alternate no-tillage in Northern China. <i>Catena</i> , 2015 , 133, 215-220	5.8	16

70	Pollutant emissions from improved coal- and wood-fuelled cookstoves in rural households. <i>Environmental Science & Technology</i> , 2015 , 49, 6590-8	10.3	98
69	Arbuscular mycorrhizal fungal diversity, root colonization, and soil alkaline phosphatase activity in response to maize-wheat rotation and no-tillage in North China. <i>Journal of Microbiology</i> , 2015 , 53, 454-61	3.9	12
68	Organic matter transplant improved purification performance of newly built constructed wetlands. <i>Ecological Engineering</i> , 2015 , 83, 338-342	3.9	4
67	Potential cytotoxicity of water-soluble fraction of dust and particulate matters and relation to metal(loid)s based on three human cell lines. <i>Chemosphere</i> , 2015 , 135, 61-6	8.4	20
66	Replacing fish meal by food waste to produce lower trophic level fish containing acceptable levels of polycyclic aromatic hydrocarbons: Health risk assessments. <i>Science of the Total Environment</i> , 2015 , 523, 253-61	10.2	8
65	Effects of cultivars and water management on cadmium accumulation in water spinach (<i>Ipomoea aquatica</i> Forsk.). <i>Plant and Soil</i> , 2015 , 391, 33-49	4.2	30
64	Characterization of particulate-bound PAHs in rural households using different types of domestic energy in Henan Province, China. <i>Science of the Total Environment</i> , 2015 , 536, 840-846	10.2	24
63	Effects of silicon (Si) on arsenic (As) accumulation and speciation in rice (<i>Oryza sativa</i> L.) genotypes with different radial oxygen loss (ROL). <i>Chemosphere</i> , 2015 , 138, 447-53	8.4	59
62	Effects of Phosphate on Arsenate Uptake and Translocation in Nonmetallicolous and Metallicolous Populations of <i>Pteris Vittata</i> L. Under Solution Culture. <i>International Journal of Phytoremediation</i> , 2015 , 17, 841-6	3.9	2
61	Human health risk assessment of soil dioxin/furans contamination and dioxin-like activity determined by ethoxyresorufin-O-deethylase bioassay. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 5218-27	5.1	1
60	Grain yield and arsenic uptake of upland rice inoculated with arbuscular mycorrhizal fungi in As-spiked soils. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 8919-26	5.1	26
59	Arsenic tolerance, uptake, and accumulation by nonmetallicolous and metallicolous populations of <i>Pteris vittata</i> L. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 8911-8	5.1	8
58	Spatial distribution of polycyclic aromatic hydrocarbons in soil, sediment, and combusted residue at an e-waste processing site in southeast China. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 8786-801	5.1	27
57	Profiles and removal efficiency of polybrominated diphenyl ethers by two different types of sewage treatment work in Hong Kong. <i>Science of the Total Environment</i> , 2015 , 505, 261-8	10.2	12
56	The associations between metals/metalloids concentrations in blood plasma of Hong Kong residents and their seafood diet, smoking habit, body mass index and age. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 13204-11	5.1	7
55	Levels of PM _{2.5} /PM ₁₀ and associated metal(loid)s in rural households of Henan Province, China. <i>Science of the Total Environment</i> , 2015 , 512-513, 194-200	10.2	34
54	Human exposure to mercury in a compact fluorescent lamp manufacturing area: By food (rice and fish) consumption and occupational exposure. <i>Environmental Pollution</i> , 2015 , 198, 126-32	9.3	29
53	Biochar and <i>Glomus caledonium</i> influence Cd accumulation of upland kangkong (<i>Ipomoea aquatica</i> Forsk.) intercropped with Alfred stonecrop (<i>Sedum alfredii</i> Hance). <i>Scientific Reports</i> , 2014 , 4, 4671	4.9	25

52	Shark fin, a symbol of wealth and good fortune may pose health risks: the case of mercury. <i>Environmental Geochemistry and Health</i> , 2014 , 36, 1015-27	4.7	13
51	Human health risk assessment based on trace metals in suspended air particulates, surface dust, and floor dust from e-waste recycling workshops in Hong Kong, China. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 3813-25	5.1	49
50	Does radial oxygen loss and iron plaque formation on roots alter Cd and Pb uptake and distribution in rice plant tissues?. <i>Plant and Soil</i> , 2014 , 375, 137-148	4.2	106
49	Risk assessment of arsenic and other metals via atmospheric particles, and effects of atmospheric exposure and other demographic factors on their accumulations in human scalp hair in urban area of Guangzhou, China. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 102, 84-92	7	36
48	Health risk assessment of exposure to polybrominated diphenyl ethers (PBDEs) contained in residential air particulate and dust in Guangzhou and Hong Kong. <i>Atmospheric Environment</i> , 2014 , 89, 786-796	5.3	54
47	Contamination and risk assessment (based on bioaccessibility via ingestion and inhalation) of metal(loid)s in outdoor and indoor particles from urban centers of Guangzhou, China. <i>Science of the Total Environment</i> , 2014 , 479-480, 117-24	10.2	117
46	Arbuscular mycorrhizal fungi influence the accumulation and partitioning of Cd and P in bashfulgrass (<i>Mimosa pudica</i> L.) grown on a moderately Cd-contaminated soil. <i>Applied Soil Ecology</i> , 2014 , 73, 51-57	5	31
45	DDTs in mothers milk, placenta and hair, and health risk assessment for infants at two coastal and inland cities in China. <i>Environment International</i> , 2014 , 65, 73-82	12.9	31
44	Replacing fish meal by food waste in feed pellets to culture lower trophic level fish containing acceptable levels of organochlorine pesticides: health risk assessments. <i>Environment International</i> , 2014 , 73, 22-7	12.9	20
43	Polybrominated diphenyl ethers (PBDEs) in human samples of mother-newborn pairs in South China and their placental transfer characteristics. <i>Environment International</i> , 2014 , 73, 77-84	12.9	68
42	Arsenic speciation in total contents and bioaccessible fractions in atmospheric particles related to human intakes. <i>Environmental Pollution</i> , 2014 , 188, 37-44	9.3	34
41	Preparation and characterization of activated carbon from aquatic macrophyte debris and its ability to adsorb anthraquinone dyes. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 3461-3466	6.3	14
40	Aquaculture-derived enrichment of hexachlorocyclohexanes (HCHs) and dichlorodiphenyltrichloroethanes (DDTs) in coastal sediments of Hong Kong and adjacent mainland China. <i>Science of the Total Environment</i> , 2014 , 466-467, 214-20	10.2	22
39	Heavy metal influence on BDE-47 uptake in the human KERTr keratinocyte cell line. <i>Environmental Toxicology</i> , 2014 , 29, 354-61	4.2	3
38	Application of food waste based diets in polyculture of low trophic level fish: effects on fish growth, water quality and plankton density. <i>Marine Pollution Bulletin</i> , 2014 , 85, 803-9	6.7	27
37	Formation and distribution of methylmercury in sediments at a mariculture site: a mesocosm study. <i>Journal of Soils and Sediments</i> , 2013 , 13, 1301-1308	3.4	7
36	Arsenic contamination in the freshwater fish ponds of Pearl River Delta: bioaccumulation and health risk assessment. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 4484-95	5.1	30
35	Cancer risk assessments of Hong Kong soils contaminated by polycyclic aromatic hydrocarbons. <i>Journal of Hazardous Materials</i> , 2013 , 261, 770-6	12.8	127

34	Pharmaceuticals and personal care products (PPCPs): a review on environmental contamination in China. <i>Environment International</i> , 2013 , 59, 208-24	12.9	809
33	In vitro estimation of exposure of Hong Kong residents to mercury and methylmercury via consumption of market fishes. <i>Journal of Hazardous Materials</i> , 2013 , 248-249, 387-93	12.8	39
32	Concentrations of organochlorine pesticides (OCPs) in human blood plasma from Hong Kong: markers of exposure and sources from fish. <i>Environment International</i> , 2013 , 54, 18-25	12.9	56
31	Bioaccessibility, dietary exposure and human risk assessment of heavy metals from market vegetables in Hong Kong revealed with an in vitro gastrointestinal model. <i>Chemosphere</i> , 2013 , 91, 455-61	8.4	126
30	Mutagenicity and genotoxicity of Hong Kong soils contaminated by polycyclic aromatic hydrocarbons and dioxins/furans. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013 , 752, 47-56	3	17
29	Trophic relationships and health risk assessments of trace metals in the aquaculture pond ecosystem of Pearl River Delta, China. <i>Chemosphere</i> , 2013 , 90, 2142-8	8.4	63
28	Phytoavailability and phytovariety codetermine the bioaccumulation risk of heavy metal from soils, focusing on Cd-contaminated vegetable farms around the Pearl River Delta, China. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 91, 18-24	7	50
27	Dynamic changes in radial oxygen loss and iron plaque formation and their effects on Cd and As accumulation in rice (<i>Oryza sativa</i> L.). <i>Environmental Geochemistry and Health</i> , 2013 , 35, 779-88	4.7	38
26	Risk assessments of human exposure to bioaccessible phthalate esters through market fish consumption. <i>Environment International</i> , 2013 , 57-58, 75-80	12.9	92
25	Size fraction effect on phthalate esters accumulation, bioaccessibility and in vitro cytotoxicity of indoor/outdoor dust, and risk assessment of human exposure. <i>Journal of Hazardous Materials</i> , 2013 , 261, 753-62	12.8	58
24	Arsenite transporters expression in rice (<i>Oryza sativa</i> L.) associated with arbuscular mycorrhizal fungi (AMF) colonization under different levels of arsenite stress. <i>Chemosphere</i> , 2012 , 89, 1248-54	8.4	58
23	Risk assessment of human exposure to bioaccessible phthalate esters via indoor dust around the Pearl River Delta. <i>Environmental Science & Technology</i> , 2012 , 46, 8422-30	10.3	106
22	Root exudates of wetland plants influenced by nutrient status and types of plant cultivation. <i>International Journal of Phytoremediation</i> , 2012 , 14, 543-53	3.9	32
21	Uncertainty Analysis for the Evaluation of Agricultural Soil Quality Based on Digital Soil Maps. <i>Soil Science Society of America Journal</i> , 2012 , 76, 1379-1389	2.5	15
20	Application of a Digital Soil Mapping Method in Producing Soil Orders on Mountain Areas of Hong Kong Based on Legacy Soil Data. <i>Pedosphere</i> , 2011 , 21, 339-350	5	11
19	Persistent organic pollutants in food items collected in Hong Kong. <i>Chemosphere</i> , 2011 , 82, 1329-36	8.4	38
18	Exposure to PCBs, through inhalation, dermal contact and dust ingestion at Taizhou, China--a major site for recycling transformers. <i>Chemosphere</i> , 2011 , 83, 605-11	8.4	59
17	Major pollutants in soils of abandoned agricultural land contaminated by e-waste activities in Hong Kong. <i>Archives of Environmental Contamination and Toxicology</i> , 2011 , 61, 101-14	3.2	52

16	Mercury biomagnification in the aquaculture pond ecosystem in the Pearl River Delta. <i>Archives of Environmental Contamination and Toxicology</i> , 2011 , 61, 491-9	3.2	46
15	Mycorrhizo-remediation of lead/zinc mine tailings using vetiver: a field study. <i>International Journal of Phytoremediation</i> , 2011 , 13, 61-74	3.9	20
14	Organic acids in two arsenic hyperaccumulators and a non-hyperaccumulator of <i>Pteris</i> exposed to elevated arsenic concentrations. <i>International Journal of Environmental Analytical Chemistry</i> , 2011 , 91, 241-254	1.8	3
13	Oral bioaccessibility and human risk assessment of organochlorine pesticides (OCPs) via fish consumption, using an in vitro gastrointestinal model. <i>Food Chemistry</i> , 2011 , 127, 1673-1679	8.5	49
12	Exposure of Hong Kong residents to PBDEs and their structural analogues through market fish consumption. <i>Journal of Hazardous Materials</i> , 2011 , 192, 374-80	12.8	38
11	Persistent organic pollutants and heavy metals in adipose tissues of patients with uterine leiomyomas and the association of these pollutants with seafood diet, BMI, and age. <i>Environmental Science and Pollution Research</i> , 2010 , 17, 229-240	5.1	48
10	Effects of bacteria on metal bioavailability, speciation, and mobility in different metal mine soils: a column study. <i>Journal of Soils and Sediments</i> , 2010 , 10, 313-325	3.4	21
9	Dietary exposure to PCBs based on food consumption survey and food basket analysis at Taizhou, China--the world's major site for recycling transformers. <i>Chemosphere</i> , 2010 , 81, 1239-44	8.4	53
8	Arbuscular mycorrhizal colonisation increases copper binding capacity of root cell walls of <i>Oryza sativa</i> L. and reduces copper uptake. <i>Soil Biology and Biochemistry</i> , 2009 , 41, 930-935	7.5	67
7	Growth and nutrient uptake of tea under different aluminium concentrations. <i>Journal of the Science of Food and Agriculture</i> , 2008 , 88, 1582-1591	4.3	45
6	The Role of Mycorrhizae Associated with Vetiver Grown in Pb-/Zn-Contaminated Soils: Greenhouse Study. <i>Restoration Ecology</i> , 2007 , 15, 60-67	3.1	42
5	Receptor modeling for analyzing PCDD/F and dioxin-like PCB sources in Hong Kong. <i>Environmental Modeling and Assessment</i> , 2007 , 12, 229-237	2	5
4	Cadmium hyperaccumulation leads to an increase of glutathione rather than phytochelatins in the cadmium hyperaccumulator <i>Sedum alfredii</i> . <i>Journal of Plant Physiology</i> , 2007 , 164, 1489-98	3.6	141
3	Environmental contamination from electronic waste recycling at Guiyu, southeast China. <i>Journal of Material Cycles and Waste Management</i> , 2006 , 8, 21-33	3.4	285
2	Residues of DDTs, PAHs and some heavy metals in fish (<i>Tilapia</i>) collected from Hong Kong and mainland China. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2005 , 40, 2105-15	2.3	21
1	Simultaneous Determination of Oxytetracycline, Doxycycline, Tetracycline and Chlortetracycline in Tetracycline Antibiotics by High-Performance Liquid Chromatography with Fluorescence Detection. <i>Chromatographia</i> , 2004 , 60, 259	2.1	15