

Lee Man Chu

List of Publications by Citations

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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.

62
papers

2,614
citations

27
h-index

50
g-index

63
ext. papers

3,075
ext. citations

6.3
avg, IF

5.91
L-index

#	Paper	IF	Citations
62	Aquatic toxicity of glyphosate-based formulations: comparison between different organisms and the effects of environmental factors. <i>Chemosphere</i> , 2003 , 52, 1189-97	8.4	376
61	Fate of antibiotics in soil and their uptake by edible crops. <i>Science of the Total Environment</i> , 2017 , 599-600, 500-512	10.2	181
60	Adsorption and degradation of five selected antibiotics in agricultural soil. <i>Science of the Total Environment</i> , 2016 , 545-546, 48-56	10.2	180
59	Thermal performance of a vegetated cladding system on facade walls. <i>Building and Environment</i> , 2010 , 45, 1779-1787	6.5	156
58	Distribution of antibiotics in wastewater-irrigated soils and their accumulation in vegetable crops in the Pearl River Delta, southern China. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 11062-9	5.7	154
57	Phytotoxicity of veterinary antibiotics to seed germination and root elongation of crops. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 126, 228-237	7	126
56	Occurrence of antibiotics and antibiotic resistance genes in soils from wastewater irrigation areas in the Pearl River Delta region, southern China. <i>Science of the Total Environment</i> , 2018 , 624, 145-152	10.2	115
55	Plant identification using leaf shapes: A pattern counting approach. <i>Pattern Recognition</i> , 2015 , 48, 3203-3215	7.5	79
54	Transfer of antibiotics from wastewater or animal manure to soil and edible crops. <i>Environmental Pollution</i> , 2017 , 231, 829-836	9.3	74
53	Experimental investigation of induced suction distribution in a grass-covered soil. <i>Ecological Engineering</i> , 2013 , 52, 219-223	3.9	70
52	Environmental fate and non-target impact of glyphosate-based herbicide (Roundup) in a subtropical wetland. <i>Chemosphere</i> , 2008 , 71, 439-46	8.4	68
51	Effects of leachate recirculation on biogas production from landfill co-disposal of municipal solid waste, sewage sludge and marine sediment. <i>Environmental Pollution</i> , 2002 , 118, 393-9	9.3	67
50	Leaching behavior of veterinary antibiotics in animal manure-applied soils. <i>Science of the Total Environment</i> , 2017 , 579, 466-473	10.2	59
49	Energy saving potential and life cycle environmental impacts of a vertical greenery system in Hong Kong: A case study. <i>Building and Environment</i> , 2016 , 96, 293-300	6.5	55
48	Influence of glyphosate and its formulation (Roundup) on the toxicity and bioavailability of metals to <i>Ceriodaphnia dubia</i> . <i>Environmental Pollution</i> , 2005 , 138, 59-68	9.3	54
47	Comparative toxicity of glyphosate-based herbicides: aqueous and sediment porewater exposures. <i>Archives of Environmental Contamination and Toxicology</i> , 2004 , 46, 316-23	3.2	53
46	Influence of landfill factors on plants and soil fauna-an ecological perspective. <i>Environmental Pollution</i> , 1997 , 97, 39-44	9.3	51

45	Contaminant release from sediments in a coastal wetland. <i>Water Research</i> , 1999 , 33, 909-918	12.5	46
44	How would size, age, human disturbance, and vegetation structure affect bird communities of urban parks in different seasons?. <i>Journal of Ornithology</i> , 2012 , 153, 1101-1112	1.5	40
43	Study of toxicity and bioaccumulation of copper in the silver sea bream Sparus sarba. <i>Environment International</i> , 1999 , 25, 417-422	12.9	40
42	Plant community structure, soil properties and microbial characteristics in revegetated quarries. <i>Ecological Engineering</i> , 2011 , 37, 1104-1111	3.9	32
41	Microbial enhancement of Cu ²⁺ removal capacity of Eichhornia crassipes (Mart.). <i>Chemosphere</i> , 2003 , 52, 1499-503	8.4	32
40	Potential of Combining Optical and Dual Polarimetric SAR Data for Improving Mangrove Species Discrimination Using Rotation Forest. <i>Remote Sensing</i> , 2018 , 10, 467	5	31
39	Phytotoxicity data safeguard the performance of the recipient plants in leachate irrigation. <i>Environmental Pollution</i> , 2007 , 145, 195-202	9.3	31
38	The significance of sediment contamination in a coastal wetland, Hong Kong, China. <i>Water Research</i> , 2000 , 34, 379-386	12.5	30
37	Carbon emission and sequestration of urban turfgrass systems in Hong Kong. <i>Science of the Total Environment</i> , 2014 , 473-474, 132-8	10.2	29
36	Avian community structure of urban parks in developed and new growth areas: A landscape-scale study in Southeast Asia. <i>Landscape and Urban Planning</i> , 2012 , 108, 91-102	7.7	27
35	Natural revegetation of coal fly ash in a highly saline disposal lagoon in Hong Kong. <i>Applied Vegetation Science</i> , 2008 , 11, 297-306	3.3	24
34	Fern cover and the importance of plant traits in reducing erosion on steep soil slopes. <i>Catena</i> , 2017 , 151, 98-106	5.8	23
33	Plant Recruitment in Early Development Stages on Rehabilitated Quarries in Hong Kong. <i>Restoration Ecology</i> , 2013 , 21, 166-173	3.1	22
32	Changes in soil seed bank composition during early succession of rehabilitated quarries. <i>Ecological Engineering</i> , 2013 , 55, 43-50	3.9	21
31	Characterization of food waste from different sources in Hong Kong. <i>Journal of the Air and Waste Management Association</i> , 2019 , 69, 277-288	2.4	21
30	Orientation effect on thermal and energy performance of vertical greenery systems. <i>Energy and Buildings</i> , 2018 , 175, 102-112	7	19
29	The responses of edible crops treated with extracts of refuse compost of different ages. <i>Agricultural Wastes</i> , 1985 , 14, 63-74		19
28	Inhibitory effects of Selaginella tamariscina on immediate allergic reactions. <i>The American Journal of Chinese Medicine</i> , 2005 , 33, 957-66	6	17

27	Fate and distribution of nitrogen in soil and plants irrigated with landfill leachate. <i>Waste Management</i> , 2011 , 31, 1239-49	8.6	16
26	Comparison of refuse compost and activated sludge for growing vegetables. <i>Agricultural Wastes</i> , 1983 , 6, 65-76		16
25	Early Development of Soil Microbial Communities on Rehabilitated Quarries. <i>Restoration Ecology</i> , 2013 , 21, 490-497	3.1	13
24	Effect of plant traits and substrate moisture on the thermal performance of different plant species in vertical greenery systems. <i>Building and Environment</i> , 2020 , 175, 106815	6.5	12
23	Ant assemblages on rehabilitated tropical landfills. <i>Biodiversity and Conservation</i> , 2010 , 19, 3685-3697	3.4	12
22	Codisposal of municipal refuse, sewage sludge and marine dredgings for methane production. <i>Environmental Pollution</i> , 1999 , 106, 123-8	9.3	12
21	Chromosomal-level reference genome of the incense tree <i>Aquilaria sinensis</i> . <i>Molecular Ecology Resources</i> , 2020 , 20, 971-979	8.4	11
20	Growth of vetivergrass for cutslope landscaping: Effects of container size and watering rate. <i>Urban Forestry and Urban Greening</i> , 2007 , 6, 135-141	5.4	11
19	Water quality degradation at the Mai Po Marshes Nature Reserve (Hong Kong) with reference to nutrient enrichment. <i>Hydrobiologia</i> , 1999 , 403, 195-203	2.4	11
18	Three modes of asexual reproduction in the moss <i>Octoblepharum albidum</i> . <i>Journal of Bryology</i> , 2003 , 25, 175-179	1.1	8
17	Application of refuse compost: Yield and metal uptake of three different food crops. <i>Conservation & Recycling</i> , 1984 , 7, 221-234		8
16	Subtropical urban turfs: Carbon and nitrogen pools and the role of enzyme activity. <i>Journal of Environmental Sciences</i> , 2018 , 65, 18-28	6.4	7
15	The effects of heavy metals and ammonia in sewage sludge and animal manure on the growth of <i>Chlorella pyrenoidosa</i> . <i>Environmental Pollution Series A, Ecological and Biological</i> , 1984 , 34, 55-71		7
14	Changes in properties of A fresh refuse compost in relation to root growth of <i>Brassica chinensis</i> . <i>Agricultural Wastes</i> , 1985 , 14, 115-125		7
13	Do avian communities vary with season in highly urbanized Hong Kong?. <i>Wilson Journal of Ornithology</i> , 2014 , 126, 69-80	0.4	5
12	Yield and metal uptake of <i>Cynodon dactylon</i> (bermuda grass) grown on refuse-compost-amended soil. <i>Agriculture, Ecosystems and Environment</i> , 1985 , 14, 41-52	5.7	5
11	Identifying suitable tree species for evapotranspiration covers of landfills in humid regions using seedlings. <i>Urban Forestry and Urban Greening</i> , 2019 , 38, 157-164	5.4	5
10	Long-term effect of plastic feeding on growth and transcriptomic response of mealworms (<i>Tenebrio molitor</i> L.). <i>Chemosphere</i> , 2022 , 287, 132063	8.4	5

9	Seed rain and seedling survival are major factors limiting vegetation regeneration on rehabilitated quarries. <i>Landscape and Ecological Engineering</i> , 2015 , 11, 29-38	2	4
8	Revegetation of subtropical soil slopes: Groundcover performance and the implications of urban development and slope features on plant community. <i>Applied Vegetation Science</i> , 2018 , 21, 658-668	3.3	4
7	Performance assessment of slope greening techniques in Hong Kong. <i>Asian Geographer</i> , 2011 , 28, 135-145	1.5	3
6	Nutrient and faecal contamination and retention in wetland enclosures (gei wais) in the Mai Po Marshes, Hong Kong. <i>Hydrobiologia</i> , 2000 , 431, 81-92	2.4	3
5	The effects of pulverized refuse fines (PRF) as a soil material on plant growth. <i>Resources, Conservation and Recycling</i> , 1990 , 4, 257-269	11.9	2
4	Short-term detrimental impacts of increasing temperature and photosynthetically active radiation on the ecophysiology of selected bryophytes in Hong Kong, southern China. <i>Global Ecology and Conservation</i> , 2021 , 31, e01868	2.8	2
3	The potential use of waterworks sludge in greening: A bioassay with bermudagrass [<i>Cynodon dactylon</i> (L.) Pers.]. <i>Urban Forestry and Urban Greening</i> , 2020 , 55, 126856	5.4	2
2	Diet and feeding behavior of the critically endangered Yellow-crested Cockatoo (<i>Cacatua sulphurea</i>) in a nonnative urban environment. <i>Wilson Journal of Ornithology</i> , 2018 , 130, 746-754	0.4	1
1	Decomposition of leaf litter of four native broad-leaved tree species in south China. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2009 , 4, 450-457		0