

Lee Man Chu

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

3,570
citations

159525

30
h-index

138417

58
g-index

63
all docs

63
docs citations

63
times ranked

4049
citing authors

#	ARTICLE	IF	CITATIONS
1	Aquatic toxicity of glyphosate-based formulations: comparison between different organisms and the effects of environmental factors. <i>Chemosphere</i> , 2003, 52, 1189-1197.	4.2	474
2	Fate of antibiotics in soil and their uptake by edible crops. <i>Science of the Total Environment</i> , 2017, 599-600, 500-512.	3.9	277
3	Adsorption and degradation of five selected antibiotics in agricultural soil. <i>Science of the Total Environment</i> , 2016, 545-546, 48-56.	3.9	276
4	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, 11062-11069.	2.4	211
5	Thermal performance of a vegetated cladding system on facade walls. <i>Building and Environment</i> , 2010, 45, 1779-1787.	3.0	190
6	Phytotoxicity of veterinary antibiotics to seed germination and root elongation of crops. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 228-237.	2.9	175
7	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.	3.9	172
8	Transfer of antibiotics from wastewater or animal manure to soil and edible crops. <i>Environmental Pollution</i> , 2017, 231, 829-836.	3.7	132
9	Plant identification using leaf shapes—A pattern counting approach. <i>Pattern Recognition</i> , 2015, 48, 3203-3215.	5.1	104
10	Leaching behavior of veterinary antibiotics in animal manure-applied soils. <i>Science of the Total Environment</i> , 2017, 579, 466-473.	3.9	94
11	Experimental investigation of induced suction distribution in a grass-covered soil. <i>Ecological Engineering</i> , 2013, 52, 219-223.	1.6	85
12	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, 393-399.	3.7	83
13	Environmental fate and non-target impact of glyphosate-based herbicide (Roundup®) in a subtropical wetland. <i>Chemosphere</i> , 2008, 71, 439-446.	4.2	79
14	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.	3.0	72
15	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.	3.7	68
16	Comparative Toxicity of Glyphosate-Based Herbicides: Aqueous and Sediment Porewater Exposures. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 46, 316-23.	2.1	67
17	Influence of landfill factors on plants and soil fauna—An ecological perspective. <i>Environmental Pollution</i> , 1997, 97, 39-44.	3.7	62
18	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.	0.5	57

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19	Contaminant release from sediments in a coastal wetland. <i>Water Research</i> , 1999, 33, 909-918.	5.3	50
20	Carbon emission and sequestration of urban turfgrass systems in Hong Kong. <i>Science of the Total Environment</i> , 2014, 473-474, 132-138.	3.9	49
21	Potential of Combining Optical and Dual Polarimetric SAR Data for Improving Mangrove Species Discrimination Using Rotation Forest. <i>Remote Sensing</i> , 2018, 10, 467.	1.8	47
22	Characterization of food waste from different sources in Hong Kong. <i>Journal of the Air and Waste Management Association</i> , 2019, 69, 277-288.	0.9	46
23	Study of toxicity and bioaccumulation of copper in the silver sea bream <i>Sparus sarba</i> . <i>Environment International</i> , 1999, 25, 417-422.	4.8	44
24	Microbial enhancement of Cu ²⁺ removal capacity of <i>Eichhornia crassipes</i> (Mart.). <i>Chemosphere</i> , 2003, 52, 1499-1503.	4.2	38
25	Phytotoxicity data safeguard the performance of the recipient plants in leachate irrigation. <i>Environmental Pollution</i> , 2007, 145, 195-202.	3.7	38
26	Orientation effect on thermal and energy performance of vertical greenery systems. <i>Energy and Buildings</i> , 2018, 175, 102-112.	3.1	37
27	Plant community structure, soil properties and microbial characteristics in revegetated quarries. <i>Ecological Engineering</i> , 2011, 37, 1104-1111.	1.6	35
28	Fern cover and the importance of plant traits in reducing erosion on steep soil slopes. <i>Catena</i> , 2017, 151, 98-106.	2.2	35
29	The significance of sediment contamination in a coastal wetland, Hong Kong, China. <i>Water Research</i> , 2000, 34, 379-386.	5.3	33
30	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.	3.4	31
31	Natural revegetation of coal fly ash in a highly saline disposal lagoon in Hong Kong. <i>Applied Vegetation Science</i> , 2008, 11, 297-306.	0.9	30
32	Plant Recruitment in Early Development Stages on Rehabilitated Quarries in Hong Kong. <i>Restoration Ecology</i> , 2013, 21, 166-173.	1.4	28
33	Chromosomal-level reference genome of the incense tree <i>Aquilaria sinensis</i> . <i>Molecular Ecology Resources</i> , 2020, 20, 971-979.	2.2	24
34	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.	3.0	24
35	Changes in soil seed bank composition during early succession of rehabilitated quarries. <i>Ecological Engineering</i> , 2013, 55, 43-50.	1.6	23
36	Long-term effect of plastic feeding on growth and transcriptomic response of mealworms (<i>Tenebrio</i>)	4.2	23

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37	Inhibitory Effects of <i>Selaginella tamariscina</i> on Immediate Allergic Reactions. <i>The American Journal of Chinese Medicine</i> , 2005, 33, 957-966.	1.5	22
38	The responses of edible crops treated with extracts of refuse compost of different ages. <i>Agricultural Wastes</i> , 1985, 14, 63-74.	0.4	20
39	Comparison of refuse compost and activated sludge for growing vegetables. <i>Agricultural Wastes</i> , 1983, 6, 65-76.	0.4	19
40	Fate and distribution of nitrogen in soil and plants irrigated with landfill leachate. <i>Waste Management</i> , 2011, 31, 1239-1249.	3.7	19
41	Growth of vetivergrass for cutslope landscaping: Effects of container size and watering rate. <i>Urban Forestry and Urban Greening</i> , 2007, 6, 135-141.	2.3	17
42	Early Development of Soil Microbial Communities on Rehabilitated Quarries. <i>Restoration Ecology</i> , 2013, 21, 490-497.	1.4	15
43	Title is missing!. <i>Hydrobiologia</i> , 1999, 403, 195-203.	1.0	14
44	Ant assemblages on rehabilitated tropical landfills. <i>Biodiversity and Conservation</i> , 2010, 19, 3685-3697.	1.2	13
45	Subtropical urban turfs: Carbon and nitrogen pools and the role of enzyme activity. <i>Journal of Environmental Sciences</i> , 2018, 65, 18-28.	3.2	13
46	Codisposal of municipal refuse, sewage sludge and marine dredgings for methane production. <i>Environmental Pollution</i> , 1999, 106, 123-128.	3.7	12
47	Application of refuse compost: Yield and metal uptake of three different food crops. <i>Conservation & Recycling</i> , 1984, 7, 221-234.	0.1	9
48	Three modes of asexual reproduction in the moss <i>Octoblepharum albidum</i> . <i>Journal of Bryology</i> , 2003, 25, 175-179.	0.4	9
49	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.	0.8	8
50	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.	0.4	7
51	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.	2.5	7
52	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.	2.3	7
53	Do avian communities vary with season in highly urbanized Hong Kong?. <i>Wilson Journal of Ornithology</i> , 2014, 126, 69-80.	0.1	6
54	Seed rain and seedling survival are major factors limiting vegetation regeneration on rehabilitated quarries. <i>Landscape and Ecological Engineering</i> , 2015, 11, 29-38.	0.7	6

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55	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.	0.9	6
56	Performance assessment of slope greening techniques in Hong Kong. <i>Asian Geographer</i> , 2011, 28, 135-145.	0.4	5
57	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.	2.3	5
58	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.	1.0	5
59	The effects of pulverized refuse fines (PRF) as a soil material on plant growth. <i>Resources, Conservation and Recycling</i> , 1990, 4, 257-269.	5.3	4
60	Title is missing!. <i>Hydrobiologia</i> , 2000, 431, 81-92.	1.0	3
61	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.	0.2	3
62	Diet and feeding behavior of the critically endangered Yellow-crested Cockatoo (<i>Cacatua</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462</i>	0.1	3