

# Lee Man Chu

## 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.

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	Long-term effect of plastic feeding on growth and transcriptomic response of mealworms ( <i>Tenebrio molitor</i> L.). <i>Chemosphere</i> , <b>2022</b> , 287, 132063	8.4	5
61	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> , <b>2021</b> , 31, e01868	2.8	2
60	Chromosomal-level reference genome of the incense tree <i>Aquilaria sinensis</i> . <i>Molecular Ecology Resources</i> , <b>2020</b> , 20, 971-979	8.4	11
59	Effect of plant traits and substrate moisture on the thermal performance of different plant species in vertical greenery systems. <i>Building and Environment</i> , <b>2020</b> , 175, 106815	6.5	12
58	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> , <b>2020</b> , 55, 126856	5.4	2
57	Identifying suitable tree species for evapotranspiration covers of landfills in humid regions using seedlings. <i>Urban Forestry and Urban Greening</i> , <b>2019</b> , 38, 157-164	5.4	5
56	Characterization of food waste from different sources in Hong Kong. <i>Journal of the Air and Waste Management Association</i> , <b>2019</b> , 69, 277-288	2.4	21
55	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> , <b>2018</b> , 624, 145-152	10.2	115
54	Subtropical urban turfs: Carbon and nitrogen pools and the role of enzyme activity. <i>Journal of Environmental Sciences</i> , <b>2018</b> , 65, 18-28	6.4	7
53	Potential of Combining Optical and Dual Polarimetric SAR Data for Improving Mangrove Species Discrimination Using Rotation Forest. <i>Remote Sensing</i> , <b>2018</b> , 10, 467	5	31
52	Orientation effect on thermal and energy performance of vertical greenery systems. <i>Energy and Buildings</i> , <b>2018</b> , 175, 102-112	7	19
51	Revegetation of subtropical soil slopes: Groundcover performance and the implications of urban development and slope features on plant community. <i>Applied Vegetation Science</i> , <b>2018</b> , 21, 658-668	3.3	4
50	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> , <b>2018</b> , 130, 746-754	0.4	1
49	Leaching behavior of veterinary antibiotics in animal manure-applied soils. <i>Science of the Total Environment</i> , <b>2017</b> , 579, 466-473	10.2	59
48	Fern cover and the importance of plant traits in reducing erosion on steep soil slopes. <i>Catena</i> , <b>2017</b> , 151, 98-106	5.8	23
47	Transfer of antibiotics from wastewater or animal manure to soil and edible crops. <i>Environmental Pollution</i> , <b>2017</b> , 231, 829-836	9.3	74
46	Fate of antibiotics in soil and their uptake by edible crops. <i>Science of the Total Environment</i> , <b>2017</b> , 599-600, 500-512	10.2	181

45	Energy saving potential and life cycle environmental impacts of a vertical greenery system in Hong Kong: A case study. <i>Building and Environment</i> , <b>2016</b> , 96, 293-300	6.5	55
44	Phytotoxicity of veterinary antibiotics to seed germination and root elongation of crops. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 126, 228-237	7	126
43	Adsorption and degradation of five selected antibiotics in agricultural soil. <i>Science of the Total Environment</i> , <b>2016</b> , 545-546, 48-56	10.2	180
42	Plant identification using leaf shapes: A pattern counting approach. <i>Pattern Recognition</i> , <b>2015</b> , 48, 3203-3215	7.15	79
41	Seed rain and seedling survival are major factors limiting vegetation regeneration on rehabilitated quarries. <i>Landscape and Ecological Engineering</i> , <b>2015</b> , 11, 29-38	2	4
40	Carbon emission and sequestration of urban turfgrass systems in Hong Kong. <i>Science of the Total Environment</i> , <b>2014</b> , 473-474, 132-8	10.2	29
39	Do avian communities vary with season in highly urbanized Hong Kong?. <i>Wilson Journal of Ornithology</i> , <b>2014</b> , 126, 69-80	0.4	5
38	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> , <b>2014</b> , 62, 11062-9	5.7	154
37	Early Development of Soil Microbial Communities on Rehabilitated Quarries. <i>Restoration Ecology</i> , <b>2013</b> , 21, 490-497	3.1	13
36	Experimental investigation of induced suction distribution in a grass-covered soil. <i>Ecological Engineering</i> , <b>2013</b> , 52, 219-223	3.9	70
35	Changes in soil seed bank composition during early succession of rehabilitated quarries. <i>Ecological Engineering</i> , <b>2013</b> , 55, 43-50	3.9	21
34	Plant Recruitment in Early Development Stages on Rehabilitated Quarries in Hong Kong. <i>Restoration Ecology</i> , <b>2013</b> , 21, 166-173	3.1	22
33	How would size, age, human disturbance, and vegetation structure affect bird communities of urban parks in different seasons?. <i>Journal of Ornithology</i> , <b>2012</b> , 153, 1101-1112	1.5	40
32	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> , <b>2012</b> , 108, 91-102	7.7	27
31	Performance assessment of slope greening techniques in Hong Kong. <i>Asian Geographer</i> , <b>2011</b> , 28, 135-145	1.5	3
30	Plant community structure, soil properties and microbial characteristics in revegetated quarries. <i>Ecological Engineering</i> , <b>2011</b> , 37, 1104-1111	3.9	32
29	Fate and distribution of nitrogen in soil and plants irrigated with landfill leachate. <i>Waste Management</i> , <b>2011</b> , 31, 1239-49	8.6	16
28	Ant assemblages on rehabilitated tropical landfills. <i>Biodiversity and Conservation</i> , <b>2010</b> , 19, 3685-3697	3.4	12

27	Thermal performance of a vegetated cladding system on facade walls. <i>Building and Environment</i> , <b>2010</b> , 45, 1779-1787	6.5	156
26	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> , <b>2009</b> , 4, 450-457		0
25	Environmental fate and non-target impact of glyphosate-based herbicide (Roundup) in a subtropical wetland. <i>Chemosphere</i> , <b>2008</b> , 71, 439-46	8.4	68
24	Natural revegetation of coal fly ash in a highly saline disposal lagoon in Hong Kong. <i>Applied Vegetation Science</i> , <b>2008</b> , 11, 297-306	3.3	24
23	Phytotoxicity data safeguard the performance of the recipient plants in leachate irrigation. <i>Environmental Pollution</i> , <b>2007</b> , 145, 195-202	9.3	31
22	Growth of vetivergrass for cutslope landscaping: Effects of container size and watering rate. <i>Urban Forestry and Urban Greening</i> , <b>2007</b> , 6, 135-141	5.4	11
21	Influence of glyphosate and its formulation (Roundup) on the toxicity and bioavailability of metals to <i>Ceriodaphnia dubia</i> . <i>Environmental Pollution</i> , <b>2005</b> , 138, 59-68	9.3	54
20	Inhibitory effects of <i>Selaginella tamariscina</i> on immediate allergic reactions. <i>The American Journal of Chinese Medicine</i> , <b>2005</b> , 33, 957-66	6	17
19	Comparative toxicity of glyphosate-based herbicides: aqueous and sediment porewater exposures. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2004</b> , 46, 316-23	3.2	53
18	Three modes of asexual reproduction in the moss <i>Octoblepharum albidum</i> . <i>Journal of Bryology</i> , <b>2003</b> , 25, 175-179	1.1	8
17	Aquatic toxicity of glyphosate-based formulations: comparison between different organisms and the effects of environmental factors. <i>Chemosphere</i> , <b>2003</b> , 52, 1189-97	8.4	376
16	Microbial enhancement of Cu <sup>2+</sup> removal capacity of <i>Eichhornia crassipes</i> (Mart.). <i>Chemosphere</i> , <b>2003</b> , 52, 1499-503	8.4	32
15	Effects of leachate recirculation on biogas production from landfill co-disposal of municipal solid waste, sewage sludge and marine sediment. <i>Environmental Pollution</i> , <b>2002</b> , 118, 393-9	9.3	67
14	Nutrient and faecal contamination and retention in wetland enclosures (gei wais) in the Mai Po Marshes, Hong Kong. <i>Hydrobiologia</i> , <b>2000</b> , 431, 81-92	2.4	3
13	The significance of sediment contamination in a coastal wetland, Hong Kong, China. <i>Water Research</i> , <b>2000</b> , 34, 379-386	12.5	30
12	Water quality degradation at the Mai Po Marshes Nature Reserve (Hong Kong) with reference to nutrient enrichment. <i>Hydrobiologia</i> , <b>1999</b> , 403, 195-203	2.4	11
11	Codisposal of municipal refuse, sewage sludge and marine dredgings for methane production. <i>Environmental Pollution</i> , <b>1999</b> , 106, 123-8	9.3	12
10	Study of toxicity and bioaccumulation of copper in the silver sea bream <i>Sparus sarba</i> . <i>Environment International</i> , <b>1999</b> , 25, 417-422	12.9	40

9	Contaminant release from sediments in a coastal wetland. <i>Water Research</i> , <b>1999</b> , 33, 909-918	12.5	46
8	Influence of landfill factors on plants and soil fauna-an ecological perspective. <i>Environmental Pollution</i> , <b>1997</b> , 97, 39-44	9.3	51
7	The effects of pulverized refuse fines (PRF) as a soil material on plant growth. <i>Resources, Conservation and Recycling</i> , <b>1990</b> , 4, 257-269	11.9	2
6	The responses of edible crops treated with extracts of refuse compost of different ages. <i>Agricultural Wastes</i> , <b>1985</b> , 14, 63-74		19
5	Changes in properties of A fresh refuse compost in relation to root growth of <i>Brassica chinensis</i> . <i>Agricultural Wastes</i> , <b>1985</b> , 14, 115-125		7
4	Yield and metal uptake of <i>Cynodon dactylon</i> (bermuda grass) grown on refuse-compost-amended soil. <i>Agriculture, Ecosystems and Environment</i> , <b>1985</b> , 14, 41-52	5.7	5
3	Application of refuse compost: Yield and metal uptake of three different food crops. <i>Conservation &amp; Recycling</i> , <b>1984</b> , 7, 221-234		8
2	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> , <b>1984</b> , 34, 55-71		7
1	Comparison of refuse compost and activated sludge for growing vegetables. <i>Agricultural Wastes</i> , <b>1983</b> , 6, 65-76		16