

Faith Ka Shun Chan

List of Publications by Year in descending order

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70
papers

2,109
citations

236925

25
h-index

254184

43
g-index

81
all docs

81
docs citations

81
times ranked

1941
citing authors

#	ARTICLE	IF	CITATIONS
1	“Sponge City” in China: A breakthrough of planning and flood risk management in the urban context. <i>Land Use Policy</i> , 2018, 76, 772-778.	5.6	351
2	Environmental Impacts of Infrastructure Development under the Belt and Road Initiative. <i>Environments - MDPI</i> , 2019, 6, 72.	3.3	109
3	Biodiversity conservation should be a core value of China’s Belt and Road Initiative. <i>Nature Ecology and Evolution</i> , 2018, 2, 408-409.	7.8	106
4	Towards resilient flood risk management for Asian coastal cities: Lessons learned from Hong Kong and Singapore. <i>Journal of Cleaner Production</i> , 2018, 187, 576-589.	9.3	103
5	Addressing Challenges of Urban Water Management in Chinese Sponge Cities via Nature-Based Solutions. <i>Water (Switzerland)</i> , 2020, 12, 2788.	2.7	72
6	Governance challenges of flood-prone delta cities: Integrating flood risk management and climate change in spatial planning. <i>Progress in Planning</i> , 2017, 114, 1-27.	4.3	66
7	Delivering Green Streets: an exploration of changing perceptions and behaviours over time around bioswales in Portland, Oregon. <i>Journal of Flood Risk Management</i> , 2018, 11, S973.	3.3	66
8	Flood Risk in Asia’s Urban Mega-deltas. <i>Environment and Urbanization ASIA</i> , 2012, 3, 41-61.	1.8	63
9	Microplastic pollution in Chinese urban rivers: The influence of urban factors. <i>Resources, Conservation and Recycling</i> , 2021, 173, 105686.	10.8	60
10	Identifying enablers and barriers to the implementation of the Green Infrastructure for urban flood management: A comparative analysis of the UK and China. <i>Urban Forestry and Urban Greening</i> , 2020, 54, 126770.	5.3	58
11	Social capital and community preparation for urban flooding in China. <i>Applied Geography</i> , 2015, 64, 1-11.	3.7	55
12	Urban flood risks and emerging challenges in a Chinese delta: The case of the Pearl River Delta. <i>Environmental Science and Policy</i> , 2021, 122, 101-115.	4.9	51
13	Climate change, water management and stakeholder analysis in the Dongjiang River basin in South China. <i>International Journal of Water Resources Development</i> , 2018, 34, 166-191.	2.0	48
14	Challenges and considerations of applying nature-based solutions in low- and middle-income countries in Southeast and East Asia. <i>Blue-Green Systems</i> , 2020, 2, 331-351.	2.0	47
15	Trends in flood risk management in deltas around the world: Are we going soft?. <i>International Journal of Water Governance</i> , 2016, , 25-46.	0.3	46
16	International Perceptions of Urban Blue-Green Infrastructure: A Comparison across Four Cities. <i>Water (Switzerland)</i> , 2021, 13, 544.	2.7	40
17	Preparing for flooding in England and Wales: the role of risk perception and the social context in driving individual action. <i>Natural Hazards</i> , 2017, 88, 367-387.	3.4	39
18	Interpretation and application of Sponge City guidelines in China. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190222.	3.4	39

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19	Determining the drivers and rates of soil erosion on the Loess Plateau since 1901. <i>Science of the Total Environment</i> , 2022, 823, 153674.	8.0	39
20	A critical review of microplastic pollution in urban freshwater environments and legislative progress in China: Recommendations and insights. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 2637-2680.	12.8	34
21	Sustainable drainage systems: helping people live with water. <i>Water Management</i> , 2016, 169, 94-104.	1.2	30
22	Green infrastructure: The future of urban flood risk management?. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1560.	6.5	30
23	Collaborative spatial planning in the face of flood risk in delta cities: A policy framing perspective. <i>Environmental Science and Policy</i> , 2019, 96, 95-104.	4.9	29
24	Spatio-Temporal Pattern of Land Degradation from 1990 to 2015 in Mongolia. <i>Environmental Development</i> , 2020, 34, 100497.	4.1	29
25	City profile: Ningbo. <i>Cities</i> , 2015, 42, 97-108.	5.6	28
26	Aligning ancient and modern approaches to sustainable urban water management in China: Ningbo as a "Blue-Green City" in the "Sponge City" campaign. <i>Journal of Flood Risk Management</i> , 2018, 11, e12451.	3.3	24
27	Biochars effects potentially toxic elements and antioxidant enzymes in <i>Lactuca sativa</i> L. grown in multi-metals contaminated soil. <i>Environmental Technology and Innovation</i> , 2019, 15, 100427.	6.1	24
28	Modelling the impact of sea-level rise on urban flood probability in SE China. <i>Geoscience Frontiers</i> , 2019, 10, 363-372.	8.4	24
29	Transformation towards resilient sponge cities in China. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 99-101.	29.7	24
30	Sustainable Flood Risk and Stormwater Management in Blue-Green Cities; an Interdisciplinary Case Study in Portland, Oregon. <i>Journal of the American Water Resources Association</i> , 2020, 56, 757-775.	2.4	23
31	Mapping the Research Landscape of Nature-Based Solutions in Urbanism. <i>Sustainability</i> , 2021, 13, 3876.	3.2	23
32	Research Progress of Desertification and Its Prevention in Mongolia. <i>Sustainability</i> , 2021, 13, 6861.	3.2	23
33	Synthesis of dominant plastic microfibre prevalence and pollution control feasibility in Chinese freshwater environments. <i>Science of the Total Environment</i> , 2021, 783, 146863.	8.0	23
34	It's the product not the polymer: Rethinking plastic pollution. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1490.	6.5	21
35	Application of pharmaceutical waste sludge compost alters the antibiotic resistome in soil under the Chinese cabbage system. <i>Journal of Cleaner Production</i> , 2021, 291, 125229.	9.3	17
36	Research Articles: Coastal Flood-Risk Management Practice in Tai O, a Town in Hong Kong. <i>Environmental Practice</i> , 2013, 15, 201-219.	0.3	15

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37	Potency of the pandemic on air quality: An urban resilience perspective. <i>Science of the Total Environment</i> , 2022, 805, 150248.	8.0	15
38	After Sandy: Rethinking Flood Risk Management in Asian Coastal Megacities. <i>Natural Hazards Review</i> , 2014, 15, 101-103.	1.5	14
39	Challenges in urban stormwater management in Chinese cities: A hydrologic perspective. <i>Journal of Hydrology</i> , 2020, 591, 125314.	5.4	13
40	Build in prevention and preparedness to improve climate resilience in coastal cities: Lessons from China's GBA. <i>One Earth</i> , 2021, 4, 1356-1360.	6.8	13
41	Appraising sustainable flood risk management in the Pearl River Delta's coastal megacities: a case study of Hong Kong, China. <i>Journal of Water and Climate Change</i> , 2013, 4, 390-409.	2.9	12
42	Flood risk insurance, mitigation and commercial property valuation. <i>Property Management</i> , 2019, 37, 512-528.	0.8	12
43	Exploring the Development of the Sponge City Program (SCP): The Case of Gui'an New District, Southwest China. <i>Frontiers in Water</i> , 2021, 3, .	2.3	12
44	Lessons learnt from Typhoons Fitow and In-Fa: implications for improving urban flood resilience in Asian Coastal Cities. <i>Natural Hazards</i> , 2022, 110, 2397-2404.	3.4	11
45	Household economic resilience to catastrophic rainstorms and flooding in a Chinese megacity. <i>Geographical Research</i> , 2016, 54, 406-419.	1.8	10
46	Reach-scale variation surface water quality in a reticular canal system in the lower Yangtze River Delta region, China. <i>Journal of Environmental Management</i> , 2017, 196, 80-90.	7.8	10
47	Sponge City Program (SCP) and Urban Flood Management (UFM) – The Case of Guiyang, SW China. <i>Water (Switzerland)</i> , 2021, 13, 2784.	2.7	10
48	Flood risk appraisal and management in mega-cities: a case study of practice in the Pearl River Delta, China. <i>Water Practice and Technology</i> , 2012, 7, .	2.0	9
49	Contested Transformations: Sustainable Economic Development and Capacity for Adapting to Climate Change. <i>Annals of the American Association of Geographers</i> , 2020, 110, 223-241.	2.2	9
50	Spatiotemporal Patterns of Hillslope Erosion Investigated Based on Field Scouring Experiments and Terrestrial Laser Scanning. <i>Remote Sensing</i> , 2021, 13, 1674.	4.0	9
51	Developing a Sustainable Flood Risk Appraisal (SFRA) Framework for the Pearl River Delta. <i>Environment and Urbanization ASIA</i> , 2013, 4, 301-323.	1.8	8
52	CHINA'S WATER MANAGEMENT - CHALLENGES AND SOLUTIONS. <i>Environmental Engineering and Management Journal</i> , 2013, 12, 1311-1321.	0.6	8
53	Recent research and challenges in sustainable urbanisation. <i>Resources, Conservation and Recycling</i> , 2022, 184, 106346.	10.8	8
54	Flood risk to commercial property. <i>International Journal of Disaster Resilience in the Built Environment</i> , 2018, 9, 385-401.	1.2	7

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55	TOWARDS SUSTAINABLE FLOOD RISK MANAGEMENT IN THE CHINESE COASTAL MEGACITIES. A CASE STUDY OF PRACTICE IN THE PEARL RIVER DELTA. Irrigation and Drainage, 2013, 62, 501-509.	1.7	6
56	Meeting financial challenge facing China's Sponge City Program (SCP) – Hong Kong as a gateway to green finance. Nature-based Solutions, 2022, 2, 100019.	3.8	6
57	Statistical approach reveals tidal effect on the antibiotics and environmental relationship with the case study of Yongjiang Estuary, China. Marine Environmental Research, 2021, 164, 105244.	2.5	4
58	Evolving framework of studies on global gulf ecosystems with Sustainable Development Goals. Environmental Science and Pollution Research, 2022, 29, 18385-18397.	5.3	4
59	The Demographic Implication for Promoting Sponge City Initiatives in the Chinese Megacities: A Case of Wuhan. Water (Switzerland), 2022, 14, 883.	2.7	4
60	Can green city branding support China's Sponge City Programme?. Blue-Green Systems, 2022, 4, 24-44.	2.0	4
61	The Champion of Urban Water Resources Management in the Chinese City – The Case of Ningbo. Environmental Science and Engineering, 2020, , 363-379.	0.2	3
62	Spatial Planning for Climate Adaptation and Flood Risk. , 2018, , 153-162.		1
63	Correlation-aided method for identification and gradation of periodicities in hydrologic time series. Geoscience Letters, 2021, 8, .	3.3	1
64	Desertification and Its Prevention Along the Route of China’s Belt and Road Initiative. , 2020, , 271-294.		1
65	Online Social Media – A Vehicle for City Branding in China: The Case of Sponge City Program (SCP). Environmental Science and Engineering, 2020, , 381-389.	0.2	1
66	Perceptions of blue-green and grey infrastructure as climate change adaptation strategies for urban water resilience. Journal of the British Academy, 0, 9s9, 143-182.	0.5	0
67	Understanding Environmental Justice Capital in China – A New Framework to Study Environmental Justice in Contexts. Environmental Science and Engineering, 2020, , 291-310.	0.2	0
68	Investigation of the Urban Factors Affecting Microplastic Pollution in Chinese Cities: The Case of Ningbo. Environmental Science and Engineering, 2020, , 325-341.	0.2	0
69	Editorial: Urban Flood Resilience and Sustainable Flood Management Strategies in Megacities. Frontiers in Water, 2022, 3, .	2.3	0
70	A Review of Microplastic Pollution Characteristics in Global Urban Freshwater Catchments. Health Information Systems and the Advancement of Medical Practice in Developing Countries, 2022, , 28-48.	0.1	0