

# Kun Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2903978/publications.pdf>

Version: 2024-02-01

14  
papers

394  
citations

1039406

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h-index

1281420

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g-index

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all docs

14  
docs citations

14  
times ranked

432  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review of spatial allocation of LID-BMP-GI practices: Strategies and optimization tools. <i>Science of the Total Environment</i> , 2018, 621, 915-929.	3.9	150
2	Linking hydrological and bioecological benefits of green infrastructures across spatial scales – A literature review. <i>Science of the Total Environment</i> , 2019, 646, 1219-1231.	3.9	73
3	Simulating the hydrological performance of low impact development in shallow groundwater via a modified SWMM. <i>Journal of Hydrology</i> , 2018, 566, 313-331.	2.3	41
4	A review on implementing infiltration-based green infrastructure in shallow groundwater environments: Challenges, approaches, and progress. <i>Journal of Hydrology</i> , 2019, 579, 124089.	2.3	36
5	Evaluating hydrologic performance of bioretention cells in shallow groundwater. <i>Hydrological Processes</i> , 2017, 31, 4122-4135.	1.1	25
6	Assessing the impact of spatial allocation of bioretention cells on shallow groundwater – An integrated surface-subsurface catchment-scale analysis with SWMM-MODFLOW. <i>Journal of Hydrology</i> , 2020, 586, 124910.	2.3	21
7	Discussion about initial runoff and volume capture ratio of annual rainfall. <i>Water Science and Technology</i> , 2016, 74, 1764-1772.	1.2	17
8	Impact of stormwater infiltration on rainfall-derived inflow and infiltration: A physically based surface–subsurface urban hydrologic model. <i>Journal of Hydrology</i> , 2022, 610, 127938.	2.3	11
9	Interactions between shallow groundwater and low-impact development underdrain flow at different temporal scales. <i>Hydrological Processes</i> , 2018, 32, 3495-3512.	1.1	10
10	Design measures to mitigate the impact of shallow groundwater on hydrologic performance of permeable pavements. <i>Hydrological Processes</i> , 2020, 34, 5146-5166.	1.1	9
11	Runoff Mitigation by Underdrained Permeable Pavements in Shallow Groundwater Environments: A Field Investigation. <i>Journal of Hydrologic Engineering - ASCE</i> , 2022, 27, .	0.8	1
12	Based on image wavelet transform calculation improved. , 2011, , .		0
13	Improving the Watermarking Embedding Algorithm Based on the Digital Image Technology. , 2012, , .		0
14	Effect of Spatial Allocation of Green Infrastructure on Surface-Subsurface Hydrology in Shallow Groundwater Environment. , 2019, , .		0