

# Weijun Luo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1460348/publications.pdf>

Version: 2024-02-01

25  
papers

638  
citations

759233

12  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal pattern of gross primary productivity and its covariation with climate in China over the last thirty years. <i>Global Change Biology</i> , 2018, 24, 184-196.	9.5	177
2	Quantitative assessment of the impacts of climate change and human activities on runoff change in a typical karst watershed, SW China. <i>Science of the Total Environment</i> , 2017, 601-602, 1449-1465.	8.0	97
3	The transfer of seasonal isotopic variability between precipitation and drip water at eight caves in the monsoon regions of China. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 183, 250-266.	3.9	92
4	Spatiotemporal distribution and national measurement of the global carbonate carbon sink. <i>Science of the Total Environment</i> , 2018, 643, 157-170.	8.0	34
5	A comparative study on the stable isotopes from precipitation to speleothem in four caves of Guizhou, China. <i>Chemie Der Erde</i> , 2013, 73, 205-215.	2.0	26
6	Daily response of drip water isotopes to precipitation in Liangfeng Cave, Guizhou Province, SW China. <i>Quaternary International</i> , 2014, 349, 153-158.	1.5	23
7	Transmission of oxygen isotope signals of precipitation-soil water-drip water and its implications in Liangfeng Cave of Guizhou, China. <i>Science Bulletin</i> , 2008, 53, 3364-3370.	9.0	19
8	Characteristics of carbon, water, and energy fluxes on abandoned farmland revealed by critical zone observation in the karst region of southwest China. <i>Agriculture, Ecosystems and Environment</i> , 2020, 292, 106821.	5.3	18
9	High <sup>222</sup> Rn concentrations and dynamics in Shawan Cave, southwest China. <i>Journal of Environmental Radioactivity</i> , 2019, 199-200, 16-24.	1.7	17
10	New evidence for the incision history of the Liuchong River, Southwest China, from cosmogenic <sup>26</sup> Al/ <sup>10</sup> Be burial ages in cave sediments. <i>Journal of Asian Earth Sciences</i> , 2013, 73, 274-283.	2.3	15
11	Approaches and Policies to Promote Zero-Waste City Construction: China's Practices and Lessons. <i>Sustainability</i> , 2021, 13, 13537.	3.2	15
12	Hydrogeochemical and climatic interpretations of isotopic signals from precipitation to drip waters in Liangfeng Cave, Guizhou Province, China. <i>Environmental Earth Sciences</i> , 2015, 74, 1509-1519.	2.7	14
13	Transmission of $\delta^{13}C$ signals and its paleoclimatic implications in Liangfeng Cave system of Guizhou Province, SW China. <i>Environmental Earth Sciences</i> , 2009, 59, 655-661.	2.7	12
14	Effects of afforestation on soil CH <sub>4</sub> and N <sub>2</sub> O fluxes in a subtropical karst landscape. <i>Science of the Total Environment</i> , 2020, 705, 135974.	8.0	12
15	CO <sub>2</sub> flux of soil respiration in natural recovering karst abandoned farmland in Southwest China. <i>Acta Geochimica</i> , 2020, 39, 527-538.	1.7	10
16	Geochemical responses of cave drip water to vegetation restoration. <i>Journal of Hydrology</i> , 2020, 590, 125543.	5.4	10
17	Impacts of cave ventilation on drip water $\delta^{13}C_{DIC}$ and its paleoclimate implication. <i>Quaternary International</i> , 2020, 547, 7-21.	1.5	10
18	Characteristics of soil water movement in a grass slope in a karst peak-cluster region, China. <i>Hydrological Processes</i> , 2017, 31, 1331-1348.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Three-dimensional fluorescence spectral characteristics of dissolved organic carbon in cave drip waters and their responses to environment changes: Four cave systems as an example in Guizhou Province, China. <i>Science Bulletin</i> , 2008, 53, 884-889.	9.0	6
20	Characteristics of strontium isotopes and their implications in the Qixing Cave of Guizhou, China. <i>Science Bulletin</i> , 2011, 56, 670-675.	1.7	6
21	Temporal and spatial variations in hydro-geochemistry of cave percolation water and their implications for four caves in Guizhou, China. <i>Diqiu Huaxue</i> , 2013, 32, 119-129.	0.5	6
22	Spatiotemporal Variations of Radon Concentration in the Atmosphere of Zhijindong Cave (China). <i>Atmosphere</i> , 2021, 12, 967.	2.3	5
23	New chronological constraints on the Plio-Pleistocene uplift of the Guizhou Plateau, SE margin of the Tibetan Plateau. <i>Quaternary Geochronology</i> , 2021, 67, 101237.	1.4	2
24	Predicting the leachate generation from wet phosphogypsum stack using a water-balance-analysis based model. <i>Environmental Research</i> , 2022, 212, 113338.	7.5	2
25	Micro area transportation of residues: A style forming the red weathering crusts of carbonate rocks. <i>Diqiu Huaxue</i> , 2006, 25, 170-171.	0.5	1