

# Jason S Polk

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

337  
citations

933447

10  
h-index

839539

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

487  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of Antibiotic Resistant Bacteria in Urban Karst Groundwater Systems. <i>Water (Switzerland)</i> , 2022, 14, 960.	2.7	17
2	A conceptual model of epikarst processes across sites, seasons, and storm events. <i>Journal of Hydrology</i> , 2021, 596, 125692.	5.4	7
3	Seasonal $\delta^{13}\text{C}_{\text{DIC}}$ sourcing and geochemical flux in telogenetic epikarst of south-central Kentucky. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 785-799.	2.5	2
4	Utilization status of rainwater harvesting and its improvement techniques in bare karst areas for domestic use and ecological restoration. <i>Carbonates and Evaporites</i> , 2019, 34, 1381-1390.	1.0	6
5	Karst map of Georgia (Caucasus region) scale: 1:1,500,000. <i>Carbonates and Evaporites</i> , 2019, 34, 1205-1212.	1.0	4
6	Physicochemical parameters and phytoplankton as indicators of the aquatic environment in karstic springs of South China. <i>Science of the Total Environment</i> , 2019, 659, 74-83.	8.0	20
7	Evaluating Weather Research and Forecasting Model Sensitivity to Land and Soil Conditions Representative of Karst Landscapes. <i>Boundary-Layer Meteorology</i> , 2018, 166, 503-530.	2.3	6
8	Use of Molecular Markers to Compare <i>Escherichia coli</i> Transport with Traditional Groundwater Tracers in Epikarst. <i>Journal of Environmental Quality</i> , 2018, 47, 88-95.	2.0	6
9	Late Pleistocene and mid-Holocene climate change derived from a Florida speleothem. <i>Quaternary International</i> , 2017, 449, 75-82.	1.5	8
10	Comparing and refining karst disturbance index methods through application in an island karst setting. <i>Environmental Management</i> , 2016, 58, 1027-1045.	2.7	5
11	Dissolved inorganic carbon sourcing using $\delta^{13}\text{C}_{\text{DIC}}$ from a karst influenced river system. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 392-405.	2.5	22
12	Resilience of Groundwater Impacted by Land Use and Climate Change in a Karst Aquifer, South China. <i>Water Environment Research</i> , 2015, 87, 1990-1998.	2.7	17
13	Recharge mixing in a complex distributary spring system in the Missouri Ozarks, USA. <i>Hydrogeology Journal</i> , 2015, 23, 451-465.	2.1	1
14	Salt transport and weathering processes in a sandstone cultural relic, North China. <i>Carbonates and Evaporites</i> , 2015, 30, 69-76.	1.0	15
15	Getting Revved Up About Sinkholes!. <i>Focus on Geography</i> , 2014, 57, 97-100.	0.2	1
16	A GIS-based modeling approach to predicting cave disturbance in karst landscapes: a case study from west-central Florida. <i>Physical Geography</i> , 2014, 35, 123-133.	1.4	10
17	Evolution of major environmental geological problems in karst areas of Southwestern China. <i>Environmental Earth Sciences</i> , 2013, 69, 2427-2435.	2.7	97
18	Reconstructing past climates using carbon isotopes from fulvic acids in cave sediments. <i>Chemical Geology</i> , 2013, 360-361, 1-9.	3.3	15

#	ARTICLE	IF	CITATIONS
19	Climatic Influences on Coastal Cave and Karst Development in Florida. Coastal Research Library, 2013, , 317-345.	0.4	5
20	An isotopic calibration study of precipitation, cave dripwater, and climate in west-central Florida. Hydrological Processes, 2012, 26, 652-662.	2.6	11
21	Developing a GIS-based inventory for the implementation of cave management protocols in Withlacoochee State Forest, Florida. Journal of Cave and Karst Studies, 2010, 72, 35-42.	0.6	3
22	Variable intensity of teleconnections during the late Holocene in subtropical North America from an isotopic study of speleothem from Florida. Geophysical Research Letters, 2007, 34, .	4.0	18
23	Late Holocene environmental reconstruction using cave sediments from Belize. Quaternary Research, 2007, 68, 53-63.	1.7	41