

# Victor R Baker

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

2,036  
citations

430442

18  
h-index

610482

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Erosion by catastrophic floods on Mars and Earth. <i>Icarus</i> , 1974, 23, 27-41.	1.1	378
2	Paleoflood hydrology and extraordinary flood events. <i>Journal of Hydrology</i> , 1987, 96, 79-99.	2.3	298
3	Paleoflood hydrology: Origin, progress, prospects. <i>Geomorphology</i> , 2008, 101, 1-13.	1.1	195
4	A 4500-Year Record of Large Floods on the Colorado River in the Grand Canyon, Arizona. <i>Journal of Geology</i> , 1994, 102, 1-9.	0.7	120
5	Palaeoflood hydrology in a global context. <i>Catena</i> , 2006, 66, 161-168.	2.2	99
6	Erosional processes in channelized water flows on Mars. <i>Journal of Geophysical Research</i> , 1979, 84, 7985-7993.	3.3	90
7	Controls on bedrock channel incision along nahal paran, Israel. <i>Earth Surface Processes and Landforms</i> , 1994, 19, 1-13.	1.2	90
8	A high magnitude storm and flood in a hyperarid catchment, Nahal Zin, Negev Desert, Israel. <i>Hydrological Processes</i> , 1998, 12, 1-23.	1.1	84
9	Surface water hydrology: Historical and paleoflood information. <i>Reviews of Geophysics</i> , 1987, 25, 119-124.	9.0	81
10	Geomorphic and hydrologic aspects of monsoon floods on the Narmada and Tapi Rivers in central India. <i>Geomorphology</i> , 1994, 10, 157-168.	1.1	80
11	The palaeoflood record of a hyperarid catchment, Nahal Zin, Negev Desert, Israel. <i>Earth Surface Processes and Landforms</i> , 2000, 25, 951-971.	1.2	77
12	Interpreting historical, botanical, and geological evidence to aid preparations for future floods. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019, 6, e1318.	2.8	77
13	Fluvial geomorphology on Earth-like planetary surfaces: A review. <i>Geomorphology</i> , 2015, 245, 149-182.	1.1	70
14	Changes in the magnitude and frequency of late Holocene monsoon floods on the Narmada River, central India. <i>Bulletin of the Geological Society of America</i> , 1996, 108, 1134-1148.	1.6	66
15	Geomorphological understanding of floods. <i>Geomorphology</i> , 1994, 10, 139-156.	1.1	65
16	Holocene flood histories in southwestern USA. <i>Earth Surface Processes and Landforms</i> , 2010, 35, 707-716.	1.2	33
17	The Missoula and Bonneville floods—A review of ice-age megafloods in the Columbia River basin. <i>Earth-Science Reviews</i> , 2020, 208, 103181.	4.0	31
18	Climate Variability and Flood Frequency at Decadal to Millennial Time Scales. <i>Water Science and Application</i> , 2013, , 21-45.	0.3	22

#	ARTICLE	IF	CITATIONS
19	HYDROLOGICAL UNDERSTANDING AND SOCIETAL ACTION. Journal of the American Water Resources Association, 1998, 34, 819-825.	1.0	18
20	Fluvial palaeohydrology in the 21st century and beyond. Earth Surface Processes and Landforms, 2022, 47, 58-81.	1.2	16
21	Overview of megaflooding: Earth and Mars. , 2009, , 1-12.		14
22	The Geology and Geography of Floods. Water Science and Application, 2013, , 359-385.	0.3	14
23	Paleohydrologic Bounds. Water Science and Application, 2013, , 175-190.	0.3	7
24	Holocene extreme paleofloods and their climatological context, Upper Colorado River Basin, USA. Progress in Physical Geography, 2020, 44, 727-745.	1.4	6
25	Global Megaflood Paleohydrology. Geography of the Physical Environment, 2020, , 3-28.	0.2	5