

# Jerry R Miller

## List of Publications by Year in descending order

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32  
papers

1,402  
citations

430874

18  
h-index

526287

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Chemostratigraphic Methods to Floodplain Alluvial Deposits within the Big Harris Creek Basin, North Carolina. <i>Geosciences (Switzerland)</i> , 2022, 12, 187.	2.2	1
2	Influence of Historical Land-Use Change on Contemporary Channel Processes, Form, and Restoration. <i>Geosciences (Switzerland)</i> , 2021, 11, 423.	2.2	4
3	Bolivia: Mining, River Contamination, and Human Health. , 2019, , 436-455.		0
4	Use of Paleoflood Deposits to Determine the Contribution of Anthropogenic Trace Metals to Alluvial Sediments in the Hyperarid Rio Loa Basin, Chile. <i>Geosciences (Switzerland)</i> , 2019, 9, 244.	2.2	7
5	Controls on Suspended Sediment Concentrations and Turbidity within a Reforested, Southern Appalachian Headwater Basin. <i>Water (Switzerland)</i> , 2015, 7, 3123-3148.	2.7	12
6	A GIS-based method for evaluating sediment storage and transport in large mining-affected river systems. <i>Environmental Earth Sciences</i> , 2015, 74, 4685-4698.	2.7	6
7	Application of Geochemical Tracers to Fluvial Sediment. <i>SpringerBriefs in Earth Sciences</i> , 2015, , .	0.5	17
8	Stable "Non-Traditional" Isotopes. <i>SpringerBriefs in Earth Sciences</i> , 2015, , 117-138.	0.5	0
9	Radiogenic Isotopes. <i>SpringerBriefs in Earth Sciences</i> , 2015, , 89-116.	0.5	0
10	Concentrations, Sources, and Potential Ecological Impacts of Selected Trace Metals on Aquatic Biota within the Little Tennessee River Basin, North Carolina. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	10
11	Forensic Assessment of Metal Contaminated Rivers in the 21st Century Using Geochemical and Isotopic Tracers. <i>Minerals (Basel, Switzerland)</i> , 2013, 3, 192-246.	2.0	21
12	Structural organization of process zones in upland watersheds of central Nevada and its influence on basin connectivity, dynamics, and wet meadow complexes. <i>Geomorphology</i> , 2012, 139-140, 384-402.	2.6	16
13	Assessment of channel dynamics, in-stream structures and post-project channel adjustments in North Carolina and its implications to effective stream restoration. <i>Environmental Earth Sciences</i> , 2010, 59, 1681-1692.	2.7	105
14	Evaluation of particle dispersal from mining and milling operations using lead isotopic fingerprinting techniques, Rio Pilcomayo Basin, Bolivia. <i>Science of the Total Environment</i> , 2007, 384, 355-373.	8.0	46
15	Lead, zinc, and antimony contamination of the Rio Chilco-Rio Tupiza drainage system, Southern Bolivia. <i>Environmental Geology</i> , 2006, 51, 283-299.	1.2	42
16	HISTORICAL TRENDS IN SEDIMENTATION RATES AND SEDIMENT PROVENANCE, FAIRFIELD LAKE, WESTERN NORTH CAROLINA. <i>Journal of the American Water Resources Association</i> , 2005, 41, 1053-1075.	2.4	24
17	Influence of temporal variations in water chemistry on the Pb isotopic composition of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Science of the Total Environment</i> , 2005, 350, 204-224.	8.0	7
18	Mercury Contamination of Alluvial Sediments within the Essequibo and Mazaruni River Basins, Guyana. <i>Water, Air, and Soil Pollution</i> , 2003, 148, 139-166.	2.4	39

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19	Lead isotopic fingerprinting of heavy metal contamination, Rio Pilcomayo basin, Bolivia. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2002, 2, 225-233.	0.9	40
20	Sources, distribution and storage of heavy metals in the Río Pilcomayo, Bolivia. <i>Journal of Geochemical Exploration</i> , 2001, 72, 229-250.	3.2	137
21	Environmental controls on the evolution of alluvial fans in Buena Vista Valley, North Central Nevada, during late Quaternary time. <i>Geomorphology</i> , 2000, 36, 63-87.	2.6	46
22	The disruption of Grassy Creek: implications concerning catastrophic events and thresholds. <i>Geomorphology</i> , 1999, 29, 323-338.	2.6	27
23	Mercury partitioning within alluvial sediments of the Carson river valley, Nevada: Implications for sampling strategies in tropical environments. , 1998, , 211-233.		5
24	Mercury mobility at the Carson River Superfund Site, west-central Nevada, USA: Interpretation of mercury speciation data in mill tailings, soils, and sediments. <i>Journal of Geochemical Exploration</i> , 1997, 58, 259-267.	3.2	92
25	The role of fluvial geomorphic processes in the dispersal of heavy metals from mine sites. <i>Journal of Geochemical Exploration</i> , 1997, 58, 101-118.	3.2	228
26	An examination of the Rosgen classification of natural rivers. <i>Catena</i> , 1996, 27, 295-299.	5.0	99
27	Dispersal of mercury-contaminated sediments by geomorphic processes, sixmile canyon, Nevada, USA: Implications to site characterization and remediation of fluvial environments. <i>Water, Air, and Soil Pollution</i> , 1996, 86, 373-388.	2.4	94
28	Reconciling the roles of tectonism and climate in Quaternary alluvial fan evolution. <i>Geology</i> , 1995, 23, 245.	4.4	114
29	GEOMORPHIC RESPONSE TO WILDFIRE IN AN ARID WATERSHED, CROW CANYON, NEVADA. <i>Physical Geography</i> , 1995, 16, 243-256.	1.4	16
30	An integrated approach to the determination of the quantity, distribution, and dispersal of mercury in Lahontan Reservoir, Nevada, USA. <i>Journal of Geochemical Exploration</i> , 1995, 52, 45-55.	3.2	26
31	Fluvial responses to land-use changes and climatic variations within the Drury Creek watershed, southern Illinois. <i>Geomorphology</i> , 1993, 6, 309-329.	2.6	69
32	Development of anastomosing channels in south-central Indiana. <i>Geomorphology</i> , 1991, 4, 221-229.	2.6	51