M Meghan Miller

List of Publications by Year
in descending order

35 papers	1,535 citations	430874 18 h-index	501196 28 g-index
36 all docs	36 docs citations	36 times ranked	1192 citing authors

#	Article	IF	Citations
1	Periodic Slow Earthquakes from the Cascadia Subduction Zone. Science, 2002, 295, 2423-2423.	12.6	226
2	Partitioning of intermontane basins by thrustâ€related folding, Tien Shan, Kyrgyzstan. Basin Research, 1999, 11, 75-92.	2.7	177
3	Refined kinematics of the eastern California shear zone from GPS observations, 1993-1998. Journal of Geophysical Research, 2001, 106, 2245-2263.	3.3	151
4	Present day kinematics of the Eastern California Shear Zone from a geodetically constrained block model. Geophysical Research Letters, 2001, 28, 3369-3372.	4.0	139
5	GPS-determination of along-strike variation in Cascadia margin kinematics: Implications for relative plate motion, subduction zone coupling, and permanent deformation. Tectonics, 2001, 20, 161-176.	2.8	110
6	Dispersed remnants of a northeast Pacific fringing arc: Upper Paleozoic terranes of Permian McCloud Faunal affinity, western U.S.. Tectonics, 1987, 6, 807-830.	2.8	87
7	Southern Cascadia episodic slow earthquakes. Geophysical Research Letters, 2004, 31, .	4.0	71
8	GPS deformation in a region of high crustal seismicity: N. Cascadia forearc. Earth and Planetary Science Letters, 2002, 198, 41-48.	4.4	67
9	Middle Miocene extension in the Gulf Extensional Province, Baja California: Evidence from the southern Sierra Juarez. Bulletin of the Geological Society of America, 1996, 108, 505.	3.3	58
10	Extent and duration of the 2003 Cascadia slow earthquake. Geophysical Research Letters, 2005, 32, n/a-n/a.	4.0	58
11	Late Proterozoic evolution of the northern part of the Hamisana zone, northeast Sudan: constraints on Pan-African accretionary tectonics. Journal of the Geological Society, 1992, 149, 743-750.	2.1	52
12	Late Paleozoic paleogeographic and tectonic evolution of the western U.S. Cordillera. , 0, , 57-106.		33
13	Tectonic development of Cordilleran mid-Paleozoic volcano-plutonic complexes; Evidence for convergent margin tectonism. Special Paper of the Geological Society of America, 1990, , 1-16.	0.5	31
14	Latest Precambrian to latest Devonian time; Development of a continental margin. , 0, , 9-56.		30
15	Paleogeographic implications of Permian Tethyan corals from the Klamath Mountains, California. Geology, 1987, 15, 266.	4.4	28
16	Focused study of interweaving hazards across the Caribbean. Eos, 2012, 93, 89-90.	0.1	28
17	U-Pb geochronology of detrital zircon from Upper Jurassic synorogenic turbidites, Galice Formation, and related rocks, western Klamath Mountains: Correlation and Klamath Mountains provenance. Journal of Geophysical Research, 1995, 100, 18045-18058.	3.3	24
18	Intra-arc sedimentation and tectonism: Late Paleozoic evolution of the eastern Klamath terrane, California. Bulletin of the Geological Society of America, 1989, 101, 170-187.	3.3	22

#	Article	IF	Citations
19	Contemporary deformation in the Yakima fold and thrust belt estimated with GPS. Geophysical Journal International, 2016, 207, 1-11.	2.4	21
20	A new Permian waagenophyllid coral from the Klamath Mountains, California. Journal of Paleontology, 1987, 61, 690-699.	0.8	20
21	Regional coseismic deformation from the June 28, 1992, Landers, California, earthquake: Results from the Mojave GPS network. Geology, 1993, 21, 868.	4.4	15
22	Precise measurements help gauge pacific northwest's earthquake potential. Eos, 1998, 79, 269-269.	0.1	15
23	GPS determination of current Pacificâ€“North American plate motion. Geology, 1999, 27, 299.	4.4	15
24	Tectonic implications of detrital zircon data from Paleozoic and Triassic strata in western Nevada and Northern California. , 2000, , .		14
25	Paleogeographic setting of upper Paleozoic rocks in the northern Sierra and eastern Klamath terranes, northern California. Special Paper of the Geological Society of America, 1990, , 175-192.	0.5	12
26	Continental detrital zircon in Carboniferous ensimatic arc rocks, Bragdon Formation, eastern Klamath terrane, northern California. Bulletin of the Geological Society of America, 1991, 103, 268-276.	3.3	7
27	Detrital zircon geochronologic study of upper Paleozoic strata in the eastern Klamath terrane, northern California. , 2000, , .		6
28	Interseismic Deformation and Earthquake Hazard along the Southernmost Longitudinal Valley Fault, Eastern Taiwan. Bulletin of the Seismological Society of America, 2012, 102, 1569-1582.	2.3	5
29	Paleozoic and early Mesozoic paleogeographic relations between the Klamath Mountains, northern Sierra Nevada, and western North America. Geology, 1989, 17, 369.	4.4	4
30	Submarine-fan characteristics and dual sediment provenance, Lower Carboniferous Bragdon Formation, eastern Klamath terrane, California. Canadian Journal of Earth Sciences, 1989, 26, 927-940.	1.3	3
31	The Coseismic Displacement Fields for the 1992 Landers and 1999 Hector Mine Earthquakes in California, from Regional GPS Observations. Bulletin of the Seismological Society of America, 2002, 92, 1365-1376.	2.3	3
32	Partnering with Cuba: Weather extremes. Science, 2014, 345, 278-278.	12.6	2
33	Accretionary tectonics: Examples from the north american cordillera. , 1989, , 9-21.		1
34	Stratigraphy and structure of an ancient island arc: Late Paleozoic and Early Mesozoic evolution of the eastern Klamath terrane, near McCloud Lake, northern California. , 1989, , 33-45.		0
35	Applying Geodesy to the Spectrum of Geosciences 2008 UNAVCO Science Workshop; Boulder, Colorado, 10â€“13 March 2008. Eos, 2009, 90, 39.	0.1	0