

Andrew H Manning

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,752
citations

471509

17
h-index

552781

26
g-index

39
all docs

39
docs citations

39
times ranked

2145
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications of projected climate change for groundwater recharge in the western United States. <i>Journal of Hydrology</i> , 2016, 534, 124-138.	5.4	299
2	Mapping permeability over the surface of the Earth. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	236
3	Regional groundwater flow in mountainous terrain: Three-dimensional simulations of topographic and hydrogeologic controls. <i>Water Resources Research</i> , 2008, 44, .	4.2	164
4	Using noble gases to investigate mountain-front recharge. <i>Journal of Hydrology</i> , 2003, 275, 194-207.	5.4	112
5	Climate-Change-Driven Deterioration of Water Quality in a Mineralized Watershed. <i>Environmental Science & Technology</i> , 2012, 46, 9324-9332.	10.0	107
6	Classifying the water table at regional to continental scales. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	101
7	Mountain-Block Recharge: A Review of Current Understanding. <i>Water Resources Research</i> , 2019, 55, 8278-8304.	4.2	87
8	An integrated environmental tracer approach to characterizing groundwater circulation in a mountain block. <i>Water Resources Research</i> , 2005, 41, .	4.2	76
9	$^3\text{H}/^3\text{He}$ age data in assessing the susceptibility of wells to contamination. <i>Ground Water</i> , 2005, 43, 353-367.	1.3	70
10	Evolution of groundwater age in a mountain watershed over a period of thirteen years. <i>Journal of Hydrology</i> , 2012, 460-461, 13-28.	5.4	70
11	Groundwater noble gas, age, and temperature signatures in an Alpine watershed: Valuable tools in conceptual model development. <i>Water Resources Research</i> , 2007, 43, .	4.2	65
12	Insights into controls on hexavalent chromium in groundwater provided by environmental tracers, Sacramento Valley, California, USA. <i>Applied Geochemistry</i> , 2015, 62, 186-199.	3.0	58
13	Links between climate change, water-table depth, and water chemistry in a mineralized mountain watershed. <i>Applied Geochemistry</i> , 2013, 37, 64-78.	3.0	44
14	Applications of a Total Dissolved Gas Pressure Probe in Ground Water Studies. <i>Ground Water</i> , 2003, 41, 440-448.	1.3	43
15	Postmylonitic deformation in the Raft River metamorphic core complex, northwestern Utah: Evidence of a rolling hinge. <i>Tectonics</i> , 1994, 13, 596-612.	2.8	35
16	Mountain-block recharge, present and past, in the eastern Española Basin, New Mexico, USA. <i>Hydrogeology Journal</i> , 2011, 19, 379-397.	2.1	26
17	Constraining mountain-block recharge to the eastern Salt Lake Valley, Utah with dissolved noble gas and tritium data. <i>Water Science and Application</i> , 2004, , 139-158.	0.3	20
18	Characterization of the shallow groundwater system in an alpine watershed: Handcart Gulch, Colorado, USA. <i>Hydrogeology Journal</i> , 2008, 16, 103-121.	2.1	17

#	ARTICLE	IF	CITATIONS
19	Using noble gas tracers to constrain a groundwater flow model with recharge elevations: A novel approach for mountainous terrain. <i>Water Resources Research</i> , 2015, 51, 8094-8113.	4.2	12
20	The suitability of using dissolved gases to determine groundwater discharge to high gradient streams. <i>Journal of Hydrology</i> , 2018, 557, 561-572.	5.4	12
21	Testing the potential role of brine reflux in the formation of sedimentary exhalative (sedex) ore deposits. <i>Ore Geology Reviews</i> , 2018, 102, 862-874.	2.7	12
22	Noble gas data from Goldfield and Tonopah epithermal Au-Ag deposits, ancestral Cascades Arc, USA: Evidence for a primitive mantle volatile source. <i>Ore Geology Reviews</i> , 2017, 89, 683-700.	2.7	11
23	Baseflow Age Distributions and Depth of Active Groundwater Flow in a Snow-Dominated Mountain Headwater Basin. <i>Water Resources Research</i> , 2020, 56, e2020WR028161.	4.2	10
24	Using geochemistry to identify the source of groundwater to Montezuma Well, a natural spring in Central Arizona, USA: part 2. <i>Environmental Earth Sciences</i> , 2012, 67, 1837-1853.	2.7	8
25	Using stream-side groundwater discharge for geochemical exploration in mountainous terrain. <i>Journal of Geochemical Exploration</i> , 2020, 209, 106415.	3.2	7
26	Direct Observation of the Depth of Active Groundwater Circulation in an Alpine Watershed. <i>Water Resources Research</i> , 2021, 57, .	4.2	7
27	A 20-year record of water chemistry in an alpine setting, Mount Emmons, Colorado, USA. <i>E3S Web of Conferences</i> , 2019, 98, 13002.	0.5	0