

Benjamin F Schwartz

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

642
citations

840776

11
h-index

610901

24
g-index

36
all docs

36
docs citations

36
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying field-scale soil moisture using electrical resistivity imaging. <i>Journal of Hydrology</i> , 2008, 362, 234-246.	5.4	96
2	Hydraulic responses to extreme drought conditions in three co-dominant tree species in shallow soil over bedrock. <i>Oecologia</i> , 2013, 171, 819-830.	2.0	72
3	The Role of Copper in Topa Quinone Biogenesis and Catalysis, as Probed by Azide Inhibition of a Copper Amine Oxidase from Yeast. <i>Biochemistry</i> , 2001, 40, 2954-2963.	2.5	71
4	Comparing conservative and nonconservative tracers in karst and using them to estimate flow path geometry. <i>Journal of Hydrology</i> , 2012, 448-449, 201-211.	5.4	58
5	Chemolithoautotrophy supports macroinvertebrate food webs and affects diversity and stability in groundwater communities. <i>Ecology</i> , 2016, 97, 1530-1542.	3.2	52
6	Spatial and temporal changes in invertebrate assemblage structure from the entrance to deep-cave zone of a temperate marble cave. <i>International Journal of Speleology</i> , 2013, 42, 203-214.	1.0	44
7	Tree Mortality After a Hot Drought: Distinguishing Density-Dependent and -Independent Drivers and Why It Matters. <i>Frontiers in Forests and Global Change</i> , 2019, 2, .	2.3	38
8	Morphological and trophic specialization in a subterranean amphipod assemblage. <i>Freshwater Biology</i> , 2014, 59, 2447-2461.	2.4	36
9	Effects of juniper removal and rainfall variation on tree transpiration in a semi-arid karst: evidence of complex water storage dynamics. <i>Hydrological Processes</i> , 2016, 30, 4568-4581.	2.6	26
10	Subterranean freshwater gastropod biodiversity and conservation in the United States and Mexico. <i>Conservation Biology</i> , 2022, 36, .	4.7	15
11	Stygobiont Diversity in the San Marcos Artesian Well and Edwards Aquifer Groundwater Ecosystem, Texas, USA. <i>Diversity</i> , 2021, 13, 234.	1.7	14
12	Quantifying concentrated and diffuse recharge in two marble karst aquifers: Big Spring and Tufa Spring, Sequoia and Kings Canyon National Parks, California, USA. <i>Journal of Cave and Karst Studies</i> , 2012, 74, 186-196.	0.6	13
13	Quantifying Potential Recharge in Mantled Sinkholes Using ERT. <i>Ground Water</i> , 2009, 47, 370-381.	1.3	12
14	Using hydrogeochemical and ecohydrologic responses to understand epikarst process in semi-arid systems, Edwards plateau, Texas, USA. <i>Acta Carsologica</i> , 2013, 42, .	0.7	11
15	Using periodic hydrologic and geochemical sampling with limited continuous monitoring to characterize remote karst aquifers in the Kaweah River Basin, California, USA. <i>Hydrological Processes</i> , 2016, 30, 3361-3372.	2.6	10
16	Calibrating Accessâ€¢ube Time Domain Reflectometry Soil Water Measurements in Deep Heterogeneous Soils. <i>Soil Science Society of America Journal</i> , 2008, 72, 917-930.	2.2	8
17	Environmental influences on invertebrate diversity and community composition in the hyporheic zone ecotone in Texas, USA: contrasts between co-occurring epigeal taxa and stygobionts. <i>Hydrobiologia</i> , 2020, 847, 3967-3982.	2.0	8
18	Fire retardant and post-fire nutrient mobility in a mountain surface waterâ€¢karst groundwater system: the Hidden Fire, Sequoia National Park, California, USA. <i>Environmental Earth Sciences</i> , 2015, 73, 951-960.	2.7	7

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19	<i>Lacrimacandona</i> n. gen. (Crustacea: Ostracoda: Candonidae) from the Edwards Aquifer, Texas (USA). <i>Zootaxa</i> , 2017, 4277, 261.	0.5	6
20	<i>Rugosuscandona</i> , a New Genus of Candonidae (Crustacea: Ostracoda) from Groundwater Habitats in Texas, North America. <i>Species Diversity</i> , 2017, 22, 175-185.	0.4	6
21	Description of a new genus and species of Bathynellidae (Crustacea: Bathynellacea) from Texas based on morphological and molecular characters. <i>Journal of Natural History</i> , 2018, 52, 29-51.	0.5	5
22	Expanding the Known Ranges of the Phreatic Snails (Mollusca, Gastropoda, Cochliopidae) of Texas, USA. <i>Freshwater Mollusk Biology and Conservation</i> , 2020, 23, 1.	0.4	5
23	Environmental controls on organic matter production and transport across surface-subsurface and geochemical boundaries in the Edwards aquifer, Texas, USA. <i>Acta Carsologica</i> , 2013, 42, .	0.7	5
24	Quantifying the role of karstic groundwater in a snowmelt-dominated hydrologic system. <i>Hydrological Processes</i> , 2020, 34, 3439-3447.	2.6	4
25	<i>Ufocandona hannaleae</i> gen. et sp. nov. (Crustacea, Ostracoda) from an artesian well in Texas, USA. <i>European Journal of Taxonomy</i> , 2017, , .	0.6	4
26	13. Analysis of hydrologic and geochemical time-series data at James Cave, Virginia: Implications for epikarst influence on recharge in Appalachian karst aquifers. <i>Special Paper of the Geological Society of America</i> , 0, , 181-196.	0.5	3
27	<i>Cirolanides wassenichae</i> sp. nov., a freshwater, subterranean Cirolanidae (Isopoda, Cymothoidea) with additional records of other species from Texas, United States. <i>Zootaxa</i> , 2019, 4543, 498.	0.5	3
28	Hyporheic ostracods (Crustacea, Ostracoda) from Texas (USA) with six new species. <i>Zootaxa</i> , 2021, 5046, 1-63.	0.5	3
29	Comparison of discharge, chloride, temperature, uranium, $\delta^{18}O$, and suspended sediment responses from a multiple tracer test in karst. <i>Carbonates and Evaporites</i> , 2013, 28, 191-199.	1.0	2
30	Description of a new tribe Cabralcandonini (Candonidae, Ostracoda) from karst aquifers in central Texas, U.S.A. <i>Journal of Cave and Karst Studies</i> , 2019, 81, 136-151.	0.6	2
31	Hydrogeology of the Mississippian scarp-slope karst system, Powell Mountain, Virginia. <i>Journal of Cave and Karst Studies</i> , 2009, , 168-179.	0.6	2
32	Two new species of <i>Pyrgulopsis</i> Call & Pilsbry, 1886 (Mollusca: Caenogastropoda: Hydrobiidae) from springs in the Rio Grande watershed in Texas. <i>Zootaxa</i> , 2021, 5071, 384-402.	0.5	1
33	The Omega Cave System. , 2019, , 769-778.		0
34	Instrumenting Caves to Collect Hydrologic and Geochemical Data: Case Study from James Cave, Virginia. <i>Handbook of Environmental Chemistry</i> , 2015, , 205-231.	0.4	0
35	Three new microcerberids (Isopoda: Microcerberidae) from subterranean freshwater habitats in Texas, USA. <i>Journal of Natural History</i> , 2021, 55, 2261-2278.	0.5	0