

Jon Jay Smith

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	The influence of ancient soil biota on the precipitation and distribution of pedogenic carbonate in paleosols of the Marília Formation (Upper Cretaceous, Brazil). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 571, 110375.	2.3	4
2	Changes in CO ₂ during Ocean Anoxic Event 1d indicate similarities to other carbon cycle perturbations. <i>Earth and Planetary Science Letters</i> , 2018, 491, 172-182.	4.4	28
3	First U-Pb zircon ages for late Miocene Ashfall Konservat-Lagerstätte and Grove Lake ashes from eastern Great Plains, USA. <i>PLoS ONE</i> , 2018, 13, e0207103.	2.5	6
4	PALEOENVIRONMENTAL AND PALEOGEOGRAPHIC IMPLICATIONS OF PALEOSOLS AND ICHNOFOSSILS IN THE UPPER PENNSYLVANIAN HALGAITO FORMATION, SOUTHEASTERN UTAH. <i>Palaios</i> , 2018, 33, 296-311.	1.3	4
5	Effects of Thalassinoides ichnofabrics on the petrophysical properties of the Lower Cretaceous Lower Glen Rose Limestone, Middle Trinity Aquifer, Northern Bexar County, Texas. <i>Sedimentary Geology</i> , 2017, 351, 1-10.	2.1	12
6	NEOICHOLOGY OF SEMIARID ENVIRONMENTS: SOILS AND BURROWING ANIMALS OF THE SONORAN DESERT, ARIZONA, U.S.A.. <i>Palaios</i> , 2017, 32, 620-638.	1.3	11
7	Discovery of Paleogene Deposits of the Central High Plains Aquifer In the Western Great Plains, U.S.A.. <i>Journal of Sedimentary Research</i> , 2017, 87, 880-896.	1.6	11
8	Bioturbation-influenced fluid pathways within a carbonate platform system: The Lower Cretaceous (Aptian-Albian) Glen Rose Limestone. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 465, 138-155.	2.3	16
9	Geochemical Recharge Estimation and the Effects of a Declining Water Table. <i>Vadose Zone Journal</i> , 2016, 15, 1-13.	2.2	10
10	Stratigraphy, morphology, and geochemistry of late Quaternary buried soils on the High Plains of southwestern Kansas, USA. <i>Catena</i> , 2016, 144, 45-55.	5.0	9
11	SPATIAL AND TEMPORAL PATTERNS OF OGALLALA FORMATION DEPOSITION REVEALED BY U-PB ZIRCON GEOCHRONOLOGY. , 2016, , .		2
12	Isotopic Composition of the Ogallala-high Plains Aquifer Andvadose Zone. <i>Procedia Earth and Planetary Science</i> , 2015, 13, 39-42.	0.6	3
13	Alluvial response to the Paleocene-Eocene Thermal Maximum climatic event, Polecat Bench, Wyoming (U.S.A.). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 177-192.	2.3	50
14	Forces driving late Pleistocene (ca. 77-12 ka) landscape evolution in the Cimarron River valley, southwestern Kansas. <i>Quaternary Research</i> , 2015, 84, 106-117.	1.7	7
15	MANGANESE-BEARING RHIZOCRETIONS IN THE WILLWOOD FORMATION, WYOMING, U.S.A.: IMPLICATIONS FOR PALEOCLIMATE DURING THE PALEOCENE-EOCENE THERMAL MAXIMUM. <i>Palaios</i> , 2014, 29, 266-276.	1.3	9
16	Paleoclimatic Applications and Modern Process Studies of Pedogenic Siderite. , 2013, , 79-87.		30
17	Ant-nest ichnofossils in honeycomb calcretes, Neogene Ogallala Formation, High Plains region of western Kansas, U.S.A.. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 308, 383-394.	2.3	28
18	Micromorphology and Stable-Isotope Geochemistry of Historical Pedogenic Siderite Formed in PAH-Contaminated Alluvial Clay Soils, Tennessee, U.S.A.. <i>Journal of Sedimentary Research</i> , 2010, 80, 943-954.	1.6	25

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19	Transient dwarfism of soil fauna during the Paleocene–Eocene Thermal Maximum. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17655-17660.	7.1	70
20	Naktodemasis bowni: New ichnogenus and ichnospecies for adhesive meniscate burrows (AMB), and paleoenvironmental implications, Paleogene Willwood Formation, Bighorn Basin, Wyoming. Journal of Paleontology, 2008, 82, 267-278.	0.8	106
21	Relationship of Floodplain Ichnocoenoses to Paleopedology, Paleohydrology, and Paleoclimate in the Willwood Formation, Wyoming, During the Paleocene-eocene Thermal Maximum. Palaios, 2008, 23, 683-699.	1.3	65
22	Traces and burrowing behaviors of the cicada nymph Cicadetta calliope: Neoichnology and paleoecological significance of extant soil-dwelling insects. Palaios, 2008, 23, 503-513.	1.3	66
23	Paleoclimatic Implications of Crayfish-Mediated Prismatic Structures in Paleosols of the Paleogene Willwood Formation, Bighorn Basin, Wyoming, U.S.A.. Journal of Sedimentary Research, 2008, 78, 323-334.	1.6	31