

Jon Jay Smith

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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#	ARTICLE	IF	CITATIONS
1	Naktodemasis bowni: New ichnogenus and ichnospecies for adhesive meniscate burrows (AMB), and paleoenvironmental implications, Paleogene Willwood Formation, Bighorn Basin, Wyoming. <i>Journal of Paleontology</i> , 2008, 82, 267-278.	0.8	106
2	Transient dwarfism of soil fauna during the Paleocene–Eocene Thermal Maximum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17655-17660.	7.1	70
3	Traces and burrowing behaviors of the cicada nymph <i>Cicadetta calliope</i> : Neoichnology and paleoecological significance of extant soil-dwelling insects. <i>Palaios</i> , 2008, 23, 503-513.	1.3	66
4	Relationship of Floodplain Ichnocoenoses to Paleopedology, Paleohydrology, and Paleoclimate in the Willwood Formation, Wyoming, During the Paleocene-eocene Thermal Maximum. <i>Palaios</i> , 2008, 23, 683-699.	1.3	65
5	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
6	Paleoclimatic Implications of Crayfish-Mediated Prismatic Structures in Paleosols of the Paleogene Willwood Formation, Bighorn Basin, Wyoming, U.S.A.. <i>Journal of Sedimentary Research</i> , 2008, 78, 323-334.	1.6	31
7	Paleoclimatic Applications and Modern Process Studies of Pedogenic Siderite. , 2013, , 79-87.		30
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	Geochemical Recharge Estimation and the Effects of a Declining Water Table. <i>Vadose Zone Journal</i> , 2016, 15, 1-13.	2.2	10
16	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
17	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
18	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

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19	First U-Pb zircon ages for late Miocene Ashfall Konservat-Lagerstätte and Grove Lake ashes from eastern Great Plains, USA. PLoS ONE, 2018, 13, e0207103.	2.5	6
20	PALEOENVIRONMENTAL AND PALEOGEOGRAPHIC IMPLICATIONS OF PALEOSOLS AND ICHNOFOSSILS IN THE UPPER PENNSYLVANIAN HALGAITO FORMATION, SOUTHEASTERN UTAH. Palaios, 2018, 33, 296-311.	1.3	4
21	The influence of ancient soil biota on the precipitation and distribution of pedogenic carbonate in paleosols of the Marília Formation (Upper Cretaceous, Brazil). Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 571, 110375.	2.3	4
22	Isotopic Composition of the Ogallala-high Plains Aquifer Andvadose Zone. Procedia Earth and Planetary Science, 2015, 13, 39-42.	0.6	3
23	SPATIAL AND TEMPORAL PATTERNS OF OGALLALA FORMATION DEPOSITION REVEALED BY U-PB ZIRCON GEOCHRONOLOGY. , 2016, , .		2