James D Witts

List of Publications by Year
in descending order

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42	415	933447	940533
papers	citations	10	16
		h-index	g-index

44	44	44	521
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid ocean acidification and protracted Earth system recovery followed the end-Cretaceous Chicxulub impact. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22500-22504.	7.1	116
2	Macrofossil evidence for a rapid and severe Cretaceousâ€“Paleogene mass extinction in Antarctica. Nature Communications, 2016, 7, 11738.	12.8	53
3	Late Cretaceous (Maastrichtian) shallow water hydrocarbon seeps from Snow Hill and Seymour Islands, James Ross Basin, Antarctica. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 418, 213-228.	2.3	45
4	Evolution and extinction of Maastrichtian (Late Cretaceous) cephalopods from the LÃ³pez de Bertodano Formation, Seymour Island, Antarctica. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 418, 193-212.	2.3	33
5	The impact of the Cretaceousâ€“Paleogene (Kâ€“Pg) mass extinction event on the global sulfur cycle: Evidence from Seymour Island, Antarctica. Geochimica Et Cosmochimica Acta, 2018, 230, 17-45.	3.9	29
6	Isotope sclerochronology of ammonites (Baculites Compressus) from methane seep and non-seep sites in the Late Cretaceous Western Interior Seaway, USA: Implications for ammonite habitat and mode of life. Numerische Mathematik, 2018, 318, 603-639.	1.4	26
7	Intermittent euxinia in the high-latitude James Ross Basin during the latest Cretaceous and earliest Paleocene. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 477, 40-54.	2.3	16
8	Nature and timing of biotic recovery in Antarctic benthic marine ecosystems following the Cretaceousâ€“Palaeogene mass extinction. Palaeontology, 2019, 62, 919-934.	2.2	14
9	Knowledge gaps and missing links in understanding mass extinctions: Can mathematical modeling help?. Physics of Life Reviews, 2022, 41, 22-57.	2.8	13
10	High benthic methane flux in low sulfate oceans: Evidence from carbon isotopes in Late Cretaceous Antarctic bivalves. Earth and Planetary Science Letters, 2018, 497, 113-122.	4.4	10
11	Evolutionary stasis, ecophenotypy and environmental controls on ammonite morphology in the Late Cretaceous (Maastrichtian) Western Interior Seaway, USA. Palaeontology, 2020, 63, 791-806.	2.2	10
12	LATE CRETACEOUS METHANE SEEPS AS HABITATS FOR NEWLY HATCHED AMMONITES. Palaios, 2020, 35, 151-163.	1.3	10
13	Massive perturbations to atmospheric sulfur in the aftermath of the Chicxulub impact. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119194119.	7.1	10
14	A fossiliferous spherule-rich bed at the Cretaceousâ€“Paleogene (Kâ€“Pg) boundary in Mississippi, USA: Implications for the Kâ€“Pg mass extinction event in the Mississippi Embayment and Eastern Gulf Coastal Plain. Cretaceous Research, 2018, 91, 147-167.	1.4	9
15	Palaeoecological analysis of a methane seep deposit from the Upper Cretaceous (Maastrichtian) of the U.S. Western Interior. Lethaia, 2021, 54, 185-203.	1.4	8
16	Cephalopods from the Cretaceous-Paleogene (K-Pg) Boundary Interval on the Brazos River, Texas, and Extinction of the Ammonites. American Museum Novitates, 2021, 2020, .	0.6	4
17	Milankovitch cyclicity in the latest Cretaceous of the Gulf Coastal Plain, USA. Sedimentary Geology, 2021, 421, 105954.	2.1	2
18	Methane seeps as refugia during ash falls in the Late Cretaceous Western Interior Seaway of North America. Geology, 0, , .	4.4	2

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19	NEW RECORD OF AN ABUNDANT AMMONITE ASSEMBLAGE FROM THE LATEST CRETACEOUS CORSICANA FORMATION, BRAZOS RIVER, TEXAS. IMPLICATIONS FOR THE CRETACEOUSâ€“PALEOGENE (Kâ€“PG) MASS EXTINCTION EVENT IN THE GULF OF MEXICO. , 2017, , .		1
20	FAUNAL ANALYSIS AT THE CRETACEOUS - PALEOGENE MASS EXTINCTION BOUNDARY,ÂBRAZOS RIVER,ÂTEXAS. , 2017, , .		1
21	HABITAT OF JUVENILE AMMONITES AT METHANE SEEPS IN THE LATE CRETACEOUS WESTERN INTERIOR SEAWAY. , 2017, , .		1
22	MACROFOSSIL ASSESSMENT OF THE CRETACEOUS-PALEOGENE (K-PG) BOUNDARY DEPOSITS BRAZOS RIVER, TEXAS: IMPLICATIONS FOR DEPOSITIONAL PROCESSES AND MASS EXTINCTION. , 2019, , .		1
23	Geographic and temporal morphological stasis in the latest Cretaceous ammonoid Discoscaphites iris from the U.S. Gulf and Atlantic Coastal Plains. Paleobiology, 0, , 1-23.	2.0	1
24	COLD METHANE SEEPS AS AMMONITE HABITATS. , 2017, , .		0
25	THE GEOLOGICALLY YOUNGEST METHANE SEEP IN THE LATE CRETACEOUS WESTERN INTERIOR SEAWAY. , 2018, , .		0
26	STABLE ISOTOPE STRATIGRAPHY OF UPPER MAASTRICHTIAN SHALLOW MARINE RHYTHMITE DEPOSITS IN THE GULF COASTAL PLAIN, USA: CLIMATE VARIABILITY LEADING UP TO THE K-PG MASS EXTINCTION EVENT. , 2018, , .		0
27	FAUNAL AND STRATIGRAPHIC ANALYSIS OF THE CRETACEOUS - PALEOGENE (K-PG) BOUNDARY EVENT DEPOSIT, BRAZOS RIVER, TEXAS. , 2018, , .		0
28	TEMPORAL, SPATIAL, AND FAUNAL ANALYSIS OF METHANE SEEP DISTRIBUTION IN THE LATE CRETACEOUS WESTERN INTERIOR SEAWAY (WIS), USA. , 2018, , .		0
29	PRESENCE OF JUVENILE AMMONITES AT LATE CRETACEOUS METHANE SEEPS (WESTERN INTERIOR SEAWAY). , 2018, , .		0
30	BIOTIC RESPONSE TO A LATE CRETACEOUS ASH FALL: COMPARATIVE FAUNAL ANALYSES FROM A METHANE SEEP AND NON-SEEP ECOSYSTEM WITHIN THE WESTERN INTERIOR SEAWAY. , 2018, , .		0
31	EXAMINING EVOLUTIONARY AND ENVIRONMENTAL CHANGES OF AMMONITES IN THE LATE CRETACEOUS (MAASTRICHTIAN) WESTERN INTERIOR SEAWAY, USA. , 2018, , .		0
32	USING PALEOENM TO PREDICT PATTERNS OF SURVIVORSHIP IN THE HELL CREEK FORMATION ECOSYSTEMS ACROSS THE K/PG MASS EXTINCTION. , 2019, , .		0
33	AMMONITES NEAR THE CRETACEOUS/PALEOGENE BOUNDARY IN NORTHWESTERN MOROCCO. , 2019, , .		0
34	AMMONITES AS AN INTEGRAL PART OF COLD METHANE SEEP FAUNAS: COMPARISON OF SITES FROM THE UPPER JURASSIC OF FRANCE AND THE UPPER CRETACEOUS OF NORTH AMERICA. , 2019, , .		0
35	NATURE AND TIMING OF BIOTIC RECOVERY IN ANTARCTIC BENTHIC MARINE ECOSYSTEMS FOLLOWING THE CRETACEOUSâ€“PALEOGENE MASS EXTINCTION. , 2019, , .		0
36	BIODIVERSITY CHANGES FOLLOWING AN ASH FALL IN THE LATE CRETACEOUS WESTERN INTERIOR SEAWAY. , 2019, , .		0

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37	SEEING THROUGH DIAGENESIS TO RECONSTRUCT CEPHALOPOD HABITAT AND PALEOENVIRONMENT IN THE LATE CRETACEOUS WESTERN INTERIOR SEAWAY, USA USING TRIPLE OXYGEN ISOTOPES. , 2019, , .		0
38	CHEMOSTRATIGRAPHY OF UPPER MAASTRICHTIAN SHALLOW MARINE DEPOSITS IN MISSISSIPPI, USA: TEMPORAL FRAMEWORK FOR THE GULF COASTAL PLAIN REGION LEADING UP TO THE END-CRETACEOUS MASS EXTINCTION EVENT. , 2019, , .		0
39	AMMONITE FAUNA AND SHORT-TERM SURVIVAL ACROSS THE K-PG BOUNDARY FROM A NEW SITE IN THE US GULF COASTAL PLAIN. , 2020, , .		0
40	STABLE ISOTOPIC COMPOSITION, PALEOECOLOGY, AND HABITAT OF THE AMMONITE SPHENODISCUS LOBATUS IN THE UPPER CRETACEOUS (MAASTRICHTIAN) WESTERN INTERIOR SEAWAY, USA. , 2020, , .		0
41	PALEOENM OF CEPHALOPODS AT THE K/PG BOUNDARY USING BOTH LITHOLOGICAL PROXIES AND GLOBAL CLIMATE MODEL DATA IN THE ATLANTIC AND GULF COASTAL PLAINS. , 2020, , .		0
42	THE EVOLUTION OF BENTHIC ECOLOGY IN THE CENOZOIC OF ANTARCTICA. , 2020, , .		0