

Christopher Lowery

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

948
citations

567281

15
h-index

526287

27
g-index

52
all docs

52
docs citations

52
times ranked

868
citing authors

#	ARTICLE	IF	CITATIONS
1	The formation of peak rings in large impact craters. <i>Science</i> , 2016, 354, 878-882.	12.6	181
2	Rapid recovery of life at ground zero of the end-Cretaceous mass extinction. <i>Nature</i> , 2018, 558, 288-291.	27.8	123
3	Foraminiferal and nannofossil paleoecology and paleoceanography of the Cenomanian–Turonian Eagle Ford Shale of southern Texas. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 413, 49-65.	2.3	100
4	Probing the hydrothermal system of the Chicxulub impact crater. <i>Science Advances</i> , 2020, 6, eaaz3053.	10.3	69
5	Ecological Response of Plankton to Environmental Change: Thresholds for Extinction. <i>Annual Review of Earth and Planetary Sciences</i> , 2020, 48, 403-429.	11.0	55
6	Quantifying the missing sink for global organic carbon burial during a Cretaceous oceanic anoxic event. <i>Earth and Planetary Science Letters</i> , 2018, 499, 83-94.	4.4	52
7	Globally distributed iridium layer preserved within the Chicxulub impact structure. <i>Science Advances</i> , 2021, 7, .	10.3	47
8	The Late Cretaceous Western Interior Seaway as a model for oxygenation change in epicontinental restricted basins. <i>Earth-Science Reviews</i> , 2018, 177, 545-564.	9.1	45
9	The Northern Gulf of Mexico During OAE2 and the Relationship Between Water Depth and Black Shale Development. <i>Paleoceanography</i> , 2017, 32, 1316-1335.	3.0	44
10	Microbial life in the nascent Chicxulub crater. <i>Geology</i> , 2020, 48, 328-332.	4.4	40
11	Origin of a global carbonate layer deposited in the aftermath of the Cretaceous-Paleogene boundary impact. <i>Earth and Planetary Science Letters</i> , 2020, 548, 116476.	4.4	28
12	Micropaleontological evidence for redox changes in the OAE3 interval of the US Western Interior: Global vs. local processes. <i>Cretaceous Research</i> , 2017, 69, 34-48.	1.4	19
13	Morphospace expansion paces taxonomic diversification after end Cretaceous mass extinction. <i>Nature Ecology and Evolution</i> , 2019, 3, 900-904.	7.8	17
14	Biostratigraphy of the Cenomanian–Turonian Eagle Ford Shale of South Texas. <i>Journal of Foraminiferal Research</i> , 2017, 47, 105-128.	0.5	16
15	Delayed calcareous nannoplankton boom-bust successions in the earliest Paleocene Chicxulub (Mexico) impact crater. <i>Geology</i> , 2019, 47, 753-756.	4.4	16
16	Life and death in the Chicxulub impact crater: a record of the Paleocene–Eocene Thermal Maximum. <i>Climate of the Past</i> , 2020, 16, 1889-1899.	3.4	16
17	Winding down the Chicxulub impact: The transition between impact and normal marine sedimentation near ground zero. <i>Marine Geology</i> , 2020, 430, 106368.	2.1	15
18	Rapid macrobenthic diversification and stabilization after the end-Cretaceous mass extinction event. <i>Geology</i> , 2020, 48, 1048-1052.	4.4	13

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19	The Habitat of the Nascent Chicxulub Crater. <i>AGU Advances</i> , 2020, 1, e2020AV000208.	5.4	12
20	Defining uncertainty and error in planktic foraminiferal oxygen isotope measurements. <i>Paleoceanography</i> , 2017, 32, 104-122.	3.0	11
21	A 3-D Outcrop Perspective of an Unconventional Carbonate Mudstone Reservoir. , 2013, , .		5
22	Precision in Biostratigraphy: Evidence For a Temporary Flow Reversal in the Central American Seaway During Or After the Oligocene-miocene Transition. <i>Journal of Foraminiferal Research</i> , 2019, 49, 357-366.	0.5	5
23	Ocean resurge-induced impact melt dynamics on the peak-ring of the Chicxulub impact structure, Mexico. <i>International Journal of Earth Sciences</i> , 2021, 110, 2619-2636.	1.8	5
24	Early Paleocene Paleooceanography and Export Productivity in the Chicxulub Crater. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004241.	2.9	4
25	Ocean Drilling Perspectives on Meteorite Impacts. <i>Oceanography</i> , 2019, 32, 120-134.	1.0	3
26	Life before impact in the Chicxulub area: unique marine ichnological signatures preserved in crater suevite. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
27	Gavelinella Breardi, A New Name For the Turonian Gulf Coast Marker Species Anomalina "œw". <i>Journal of Foraminiferal Research</i> , 2017, 47, 358-365.	0.5	1
28	Enhanced terrestrial runoff during Oceanic Anoxic Event 2 on the North Carolina Coastal Plain, USA. <i>Climate of the Past</i> , 2021, 17, 1227-1242.	3.4	1
29	SEDIMENTOLOGIC AND STABLE ISOTOPIC EVIDENCE FOR RAPID POST-IMPACT SEDIMENTATION IN THE CHICXULUB IMPACT CRATER. , 2017, , .		1
30	THE RECOVERY OF LIFE AT GROUND ZERO. , 2017, , .		1
31	Microbial Mayhem in the Nascent Chicxulub Crater. , 2019, , .		0
32	THE STEPWISE EVOLUTION OF MARINE DE-OXYGENATION DURING A CRETACEOUS OAE2. , 2016, , .		0
33	FIRST DAY OF THE CENOZOIC: PROCESSES RECORDED WITHIN THE CHICXULUB CRATER AT IODP-ICDP SITE M0077. , 2017, , .		0
34	ISOLATED DEEP-WATER MAASTRICHTIAN PLANKTONIC FORAMINIFERS OF THE RESURGE BRECCIA AND SETTLING LAYER OF IODP-ICDP EXP364 HOLE M0077A IN THE CHICXULUB CRATER. , 2017, , .		0
35	DELAYED CALCAREOUS NANNOPLANKTON RECOVERY IN THE K/PG IMPACT CRATER: PRELIMINARY RESULTS FROM IODP-ICDP EXPEDITION 364. , 2017, , .		0
36	THE "œTRANSITIONAL LAYER" AN EVENT BED THAT REPRESENTS THE IMMEDIATE AFTERMATH OF THE CHICXULUB IMPACT. , 2017, , .		0

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37	CORE-LOG-SEISMIC INTEGRATION IN THE CHICXULUB IMPACT BASIN: PRELIMINARY RESULTS FROM IODP-ICDP EXPEDITION 364. , 2017, , .		0
38	POST-IMPACT EVOLUTION OF CHICXULUB CRATER: SEDIMENTOLOGICAL ANALYSIS OF THE CRETACEOUS-PALEOGENE IMPACT, MEXICO. , 2017, , .		0
39	FLOW REVERSAL IN THE CENTRAL AMERICAN SEAWAY DURING OR AFTER THE OLIGOCENE MIOCENE TRANSITION. , 2017, , .		0
40	INSIGHTS INTO IMPACT PROCESSES AND EXTINCTION MECHANISMS FROM IODP-ICDP CHICXULUB CRATER DRILLING. , 2018, , .		0
41	HOLOCENE SEA LEVEL RISE AND PALEO-ENVIRONMENTAL CHANGE WITHIN TRINITY RIVER PALEO-VALLEY OFFSHORE GALVESTON BAY, GULF OF MEXICO. , 2019, , .		0
42	LOCAL HETEROGENEITY OF MARINE EXPORT PRODUCTIVITY IN THE AFTERMATH OF THE K-PG MASS EXTINCTION. , 2019, , .		0
43	THE ROLE OF THE MARINE BIOLOGICAL PUMP IN DRIVING ECOSYSTEM RECOVERY FOLLOWING THE CRETACEOUS-PALEOGENE (K-PG) MASS EXTINCTION EVENT. , 2020, , .		0
44	NORTH CAROLINA SHELF SHOWS EVIDENCE OF INCREASED TERRIGENOUS FLUX DURING THE CENOMANIAN-TURONIAN OCEANIC ANOXIC EVENT 2. , 2020, , .		0