PrzemysÅ‚aw Gorzelak

List of Publications by Year
in descending order

65	993	430843	526264
papers	citations	18 h-index	27 g-index

68	68	68	690
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unraveling the hidden paleobiodiversity of the Middle Devonian (Emsian) crinoids (Crinoidea,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.6	0
2	Impact of seawater Mg2+/Ca2+ on Mg/Ca of asterozoan skeleton â€“ Evidence from culturing and the fossil record. Chemical Geology, 2021, 584, 120557.	3.3	7
3	Shared patterns in body size declines among crinoids during the Palaeozoic extinction events. Scientific Reports, 2021, 11, 20351.	3.3	7
4	Bringing planktonic crinoids back to the bottom: Reassessment of the functional role of scyphocrinoid loboliths. Paleobiology, 2020, 46, 104-122.	2.0	5
5	Effects of seawater Mg²⁺/Ca²⁺ ratio and diet on the biomineralization and growth of sea urchins and the relevance of fossil echinoderms to paleoenvironmental reconstructions. Geobiology, 2020, 18, 710-724.	2.4	9
6	Experimental neoichnology of post-autotomy arm movements of sea lilies and possible evidence of thrashing behaviour in Triassic holocrinids. Scientific Reports, 2020, 10, 15147.	3.3	5
7	Bromalites from the Upper Triassic Polzberg section (Austria); insights into trophic interactions and food chains of the Polzberg palaeobiota. Scientific Reports, 2020, 10, 20545.	3.3	7
8	Re-evaluating the phylogenetic position of the enigmatic early Cambrian deuterostome Yanjiahella. Nature Communications, 2020, 11, 1286.	12.8	9
9	DUROPHAGOUS FISH PREDATION TRACES VERSUS TUMBLING-INDUCED SHELL DAMAGEâ€"A PALEOBIOLOGICAL PERSPECTIVE. Palaios, 2020, 35, 37-47.	1.3	6
10	Effects of seawater chemistry (Mg2+/Ca2+ ratio) and diet on the skeletal Mg/Ca ratio in the common sea urchin Paracentrotus lividus. Marine Environmental Research, 2019, 145, 22-26.	2.5	9
11	PALEOENVIRONMENTAL AND BIOSTRATIGRAPHIC IMPLICATIONS OF ECHINODERM OSSICLES TRAPPED WITHIN BURMESE AMBER. Palaios, 2019, 34, 652-656.	1.3	5
12	Putative Late Ordovician land plants. New Phytologist, 2018, 218, 1305-1309.	7.3	56
13	Experimental tumbling of Dreissena polymorpha: implications for recognizing durophagous predation in the fossil record. Facies, 2018, 64, 1.	1.4	7
14	Experimental neoichnology of crawling stalked crinoids. Swiss Journal of Palaeontology, 2018, 137, 197-203.	1.7	8
15	Microstructural evidence for stalk autotomy in Holocrinus â€“ The oldest stem-group isocrinid. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 506, 202-207.	2.3	12
16	Body-size increase in crinoids following the end-Devonian mass extinction. Scientific Reports, 2018, 8, 9606.	3.3	6
17	Cretaceous Roveacrinids from Mexico revisited: Overcoming the taxonomic misidentifications and subsequent biostratigraphic abuse. Boletin De La Sociedad Geologica Mexicana, 2018, 70, 499-530.	0.3	6
18	Towards a Better Understanding of the Origins of Microlens Arrays in Mesozoic Ophiuroids and Asteroids. Evolutionary Biology, 2017, 44, 339-346.	1.1	4

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19	Skeletal microstructure of uintacrinoid crinoids and inferences about their mode of life. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 468, 200-207.	2.3	8
20	An integrated stratigraphic study across the Santonian/Campanian boundary at Bocieniec, southern Poland: A new boundary stratotype candidate. Cretaceous Research, 2017, 80, 61-85.	1.4	21
21	Unlocking the biomineralization style and affinity of Paleozoic fusulinid foraminifera. Scientific Reports, 2017, 7, 15218.	3.3	7
22	Epizoan encrustation on Marsupites testudinarius â€“ additional argument favoring an epifaunal mode of life of uintacrinoids?. Annales De Paleontologie, 2017, 103, 217-221.	0.5	1
23	Sea urchin growth dynamics at microstructural length scale revealed by Mn-labeling and cathodoluminescence imaging. Frontiers in Zoology, 2017, 14, 42.	2.0	11
24	Paleozoic echinoderm hangovers: Waking up in the Triassic: COMMENT. Geology, 2017, 45, e419-e419.	4.4	4
25	Diversity dynamics of post-Palaeozoic crinoids â€“ in quest of the factors affecting crinoid macroevolution. Lethaia, 2016, 49, 231-244.	1.4	18
26	Diagenesis of echinoderm skeletons: Constraints on paleoseawater Mg/Ca reconstructions. Global and Planetary Change, 2016, 144, 142-157.	3.5	20
27	Understanding form and function of the stem in early flattened echinoderms (pleurocystitids) using a microstructural approach. PeerJ, 2016, 4, e1820.	2.0	15
28	Crinoids from Svalbard in the aftermath of the endâ˜Permian mass extinction. Polish Polar Research, 2015, 36, 225-238.	0.9	11
29	Coprolites of marine vertebrate predators from the Lower Triassic of southern Poland. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 435, 118-126.	2.3	26
30	Reassessing the improbability of a muscular crinoid stem. Scientific Reports, 2015, 4, 6049.	3.3	12
31	Ultrascale and microscale growth dynamics of the cidaroid spine of Phyllacanthus imperialis revealed by ²⁶Mg labeling and NanoSIMS isotopic imaging. Journal of Morphology, 2014, 275, 788-796.	1.2	15
32	Microlens arrays in the complex visual system of Cretaceous echinoderms. Nature Communications, 2014, 5, 3576.	12.8	18
33	Trends in shell fragmentation as evidence of mid-Paleozoic changes in marine predation. Paleobiology, 2014, 40, 14-23.	2.0	39
34	Palaeoenvironment of the Upper Cretaceous (Coniacian) concretion-bearing LagerstÃtten from Poland. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 401, 154-165.	2.3	4
35	Experimental tumbling of echinoderms â€” Taphonomic patterns and implications. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 386, 569-574.	2.3	42
36	Microâ€•to nanostructure and geochemistry of extant crinoidal echinoderm skeletons. Geobiology, 2013, 11, 29-43.	2.4	29

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37	First record of catacrinid crinoid from the Lower Permian of Spitsbergen. Polish Polar Research, 2013, 34, 139-150.	0.9	2
38	Drill Holes and Predation Traces versus Abrasion-Induced Artifacts Revealed by Tumbling Experiments. PLoS ONE, 2013, 8, e58528.	2.5	23
39	Predator-induced macroevolutionary trends in Mesozoic crinoids. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7004-7007.	7.1	56
40	Bromalites from the Middle Triassic of Poland and the rise of the Mesozoic Marine Revolution. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 321-322, 142-150.	2.3	38
41	Stable carbon and oxygen isotope compositions of extant crinoidal echinoderm skeletons. Chemical Geology, 2012, 291, 132-140.	3.3	13
42	Intriguing crinoid remains from the Rhaetian of Iran and their possible implications for the mid-Carnian crinoid extinction event. Geobios, 2012, 45, 479-484.	1.4	6
43	Ophiuroids Discovered in the Middle Triassic Hypersaline Environment. PLoS ONE, 2012, 7, e49798.	2.5	9
44	26Mg labeling of the sea urchin regenerating spine: Insights into echinoderm biomineralization process. Journal of Structural Biology, 2011, 176, 119-126.	2.8	33
45	Late Jurassic-Early Cretaceous (Tithonian-Berriasian) cyrtocrinids from south-eastern Poland. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2011, 260, 119-128.	0.4	8
46	Inferred placoderm bite marks on Devonian crinoids from Poland. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2011, 259, 105-112.	0.4	6
47	Bite traces on dicynodont bones and the early evolution of large terrestrial predators. Lethaia, 2011, 44, 87-92.	1.4	17
48	Pelagic crinoids (Roveacrinida, Crinoidea) discovered in the Neogene of Poland. Die Naturwissenschaften, 2011, 98, 903-908.	1.6	11
49	Late Cretaceous (Santonian-Campanian) sea lilies (Echinodermata, Crinoidea) from the glacial rafts of northwestern Poland. Palaontologische Zeitschrift, 2011, 85, 309-319.	1.6	3
50	A New Spoon-Like Crinoid (Hemicrinus, Cyrtocrinida) from the Danian (Palaeogene) of Poland and Overview of Cretaceous Hemicrinids. Paleontological Research, 2011, 15, 23-30.	1.0	3
51	Cyrtocrinids (Echinodermata, Crinoidea) from Upper Jurassic Åtramberk-type limestones in southern Poland. Palaeontology, 2010, 53, 869-885.	2.2	21
52	Roveacrinids (Crinoidea, Echinodermata) survived the Cretaceous-Paleogene (K-Pg) extinction event. Geology, 2010, 38, 883-885.	4.4	13
53	Post-Paleozoic crinoid radiation in response to benthic predation preceded the Mesozoic marine revolution. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5893-5896.	7.1	123
54	Additional records of bourgueticrinid crinoids from the Cenomanian of southern Poland. Cretaceous Research, 2010, 31, 364-367.	1.4	5

#	ARTICLE	IF	CITATIONS
55	Late Cretaceous crinoids (Crinoidea) from Eastern Poland. Palaeontographica, Abteilung A: Palaozoologie - Stratigraphie, 2010, 291, 1-43.	2.1	24
56	Comment on â€œPalaeoenvironmental Control on Distribution of Crinoids in the Bathonian (Middle) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Polonica, 2010, 55, 172-173.	0.4	2
57	SIGNS OF BENTHIC PREDATION ON LATE JURASSIC STALKED CRINOIDS, PRELIMINARY DATA. Palaios, 2009, 24, 70-73.	1.3	22
58	A crinoid concentration LagerstÃtte in the Turonian (Late Cretaceous) Conulus Bed (MiechÃ³w-Wolbrom area, Poland). Geobios, 2009, 42, 351-357.	1.4	19
59	Pathologies of non-marine bivalve shells from the Late Triassic of Poland. Lethaia, 2009, 43, 285.	1.4	12
60	In Quest of Cyrtocrinid Origins: Evidence from Late Triassic Ossicles from the Tatra Mountains. Acta Palaeontologica Polonica, 2009, 54, 171-174.	0.4	9
61	Nanostructural and Geochemical Features of the Jurassic Isocrinid Columnal Ossicles. Acta Palaeontologica Polonica, 2009, 54, 69-75.	0.4	22
62	Syzygial brachials from the upper Muschelkalk (Middle Triassic, Ladinian) of Poland and their implication for an early origin of comatulid crinoids. Journal of Paleontology, 2008, 82, 634-637.	0.8	1
63	New data on fossil cyrtocrinids (Cyrtocrinida, Crinoidea) from the Lower Oxfordian of the Polish Jura Chain (southern Poland). Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2008, 248, 225-232.	0.4	0
64	A new plicatocrinid crinoid, Tetracrinus jagti, from the Cenomanian (Upper Cretaceous) of southern Poland. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2007, 245, 179-183.	0.4	14
65	Evidence of shallow-water cyrtocrinids (Crinoidea) from the Callovian of Poland. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2007, 244, 257-260.	0.4	8