

Samuel Zamora

List of Publications by Year in descending order

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76
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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Plated Cambrian Bilaterians Reveal the Earliest Stages of Echinoderm Evolution. PLoS ONE, 2012, 7, e38296.	1.1	57
2	The oldest echinoderm faunas from Gondwana show that echinoderm body plan diversification was rapid. Nature Communications, 2013, 4, 1385.	5.8	56
3	Ordovician edrioasteroids from Morocco: faunal exchanges across the Rheic Ocean. Journal of Systematic Palaeontology, 2011, 9, 425-454.	0.6	55
4	Oral Region Homologies in Paleozoic Crinoids and Other Plesiomorphic Pentaradial Echinoderms. PLoS ONE, 2013, 8, e77989.	1.1	53
5	Deciphering the early evolution of echinoderms with Cambrian fossils. Palaeontology, 2014, 57, 1105-1119.	1.0	50
6	Palaeoecological aspects of the diversification of echinoderms in the Lower Ordovician of central Anti-Atlas, Morocco. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 460, 97-121.	1.0	42
7	Purujosa trilobite assemblage and the evolution of trilobite enrollment. Geology, 2011, 39, 575-578.	2.0	38
8	Cambrian spiral-plated echinoderms from Gondwana reveal the earliest pentaradial body plan. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131197.	1.2	35
9	Chapter 13 Cambrian echinoderm diversity and palaeobiogeography. Geological Society Memoir, 2013, 38, 157-171.	0.9	34
10	The oldest cinctan carpoid (stem-group Echinodermata), and the evolution of the water vascular system. Zoological Journal of the Linnean Society, 2009, 157, 420-432.	1.0	32
11	The role of abiotic factors in the Cambrian Substrate Revolution: A review from the benthic community replacements of West Gondwana. Earth-Science Reviews, 2013, 118, 69-82.	4.0	32
12	Middle Cambrian Gogiid Echinoderms from Northeast Spain: Taxonomy, Palaeoecology, and Palaeogeographic Implications. Acta Palaeontologica Polonica, 2009, 54, 253-265.	0.4	32
13	Furongian (upper Cambrian) Guole Konservat-Lagerstätte from South China. Acta Geologica Sinica, 2016, 90, 30-37.	0.8	30
14	The infaunal echinoid <i>Micraster</i> : Taphonomic pathways indicated by sclerozoan trace and body fossils from the Upper Cretaceous of northern Spain. Geobios, 2008, 41, 15-29.	0.7	29
15	A New Middle Cambrian Stem-Group Echinoderm from Spain: Palaeobiological Implications of a Highly Asymmetric Cinctan. Acta Palaeontologica Polonica, 2008, 53, 207-220.	0.4	29
16	Middle Cambrian echinoderms from north Spain show echinoderms diversified earlier in Gondwana. Geology, 2010, 38, 507-510.	2.0	29
17	Evolution and Development at the Origin of a Phylum. Current Biology, 2020, 30, 1672-1679.e3.	1.8	28
18	ROOTING PHYLOGENIES OF PROBLEMATIC FOSSIL TAXA; A CASE STUDY USING CINCTANS (STEM-GROUP) Tj ETQo0 0 0 rgBT /Overlo	1.0	24

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19	Sphaeroidal enrolment in middle Cambrian solenopleuropsine trilobites. <i>Lethaia</i> , 2010, 43, 478-493.	0.6	24
20	Cambrian cinctan echinoderms shed light on feeding in the ancestral deuterostome. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151964.	1.2	23
21	The Cambrian Substrate Revolution and the early evolution of attachment in suspension-feeding echinoderms. <i>Earth-Science Reviews</i> , 2017, 171, 478-491.	4.0	22
22	The Oldest Isorophid Edrioasteroid (Echinodermata) and the Evolution of Attachment Strategies in Cambrian Edrioasteroids. <i>Acta Palaeontologica Polonica</i> , 2010, 55, 487-494.	0.4	19
23	Thoracic structure and enrolment style in middle Cambrian <i>Eccaparadoxides pradoanus</i> presages caudalization of the derived trilobite trunk. <i>Palaeontology</i> , 2013, 56, 589-601.	1.0	18
24	Filling the Gondwanan gap: paleobiogeographic implications of new crinoids from the Castillejo and Fombuena formations (Middle and Upper Ordovician, Iberian Chains, Spain). <i>Journal of Paleontology</i> , 2017, 91, 715-734.	0.5	18
25	QUANTITATIVE ANALYSIS OF REPAIRED AND UNREPAIRED DAMAGE TO TRILOBITES FROM THE CAMBRIAN (STAGE 4, DRUMIAN) IBERIAN CHAINS, NE SPAIN. <i>Palaios</i> , 2017, 32, 750-761.	0.6	18
26	Palaeogeographic implications of a new iocrinid crinoid (Disparida) from the Ordovician (Darrwillian) of Morocco. <i>PeerJ</i> , 2015, 3, e1450.	0.9	18
27	Miocene Clypeaster from Valencia (E Spain): Insights into the taphonomy and ichnology of bioeroded echinoids using X-ray micro-tomography. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 438, 168-179.	1.0	17
28	Ordovician stratigraphy and benthic community replacements in the eastern Anti-Atlas, Morocco. <i>Geological Society Special Publication</i> , 2019, , SP485.20.	0.8	17
29	Testing for a decline in diversity prior to extinction: Languedocian (latest mid-Cambrian) distribution of cinctans (Echinodermata) in the Iberian Chains, NE Spain. <i>Palaeontology</i> , 2010, 53, 1349-1368.	1.0	15
30	Modelling enrolment in Cambrian trilobites. <i>Palaeontology</i> , 2017, 60, 423-432.	1.0	15
31	Understanding form and function of the stem in early flattened echinoderms (pleurocystitids) using a microstructural approach. <i>PeerJ</i> , 2016, 4, e1820.	0.9	15
32	The oldest stylophoran echinoderm: a new <i>Ceratocystis</i> from the Middle Cambrian of Germany. <i>Palaeontologische Zeitschrift</i> , 2010, 84, 227-237.	0.8	13
33	A new Alokistocaridae Resser, 1939 (Trilobita) from the middle Cambrian of Spain. <i>Geobios</i> , 2012, 45, 275-283.	0.7	13
34	Guzhangian (mid Cambrian) trilobites from siliceous concretions of the Valtorres Formation, Iberian Chains, NE Spain. <i>Geological Magazine</i> , 2013, 150, 123-142.	0.9	13
35	Taphonomy and ontogeny of early pelmatozoan echinoderms: A case study of a mass-mortality assemblage of <i>Gogia</i> from the Cambrian of North America. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 377, 62-72.	1.0	13
36	The first Ordovician cyclocystoid (Echinodermata) from Gondwana and its morphology, paleoecology, taphonomy, and paleogeography. <i>Journal of Paleontology</i> , 2017, 91, 735-754.	0.5	13

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37	New Upper Ordovician edrioasteroids from Morocco. Geological Society Special Publication, 2018, , SP485.6.	0.8	13
38	Potential evolutionary trade-off between feeding and stability in Cambrian cinctan echinoderms. Palaeontology, 2020, 63, 689-701.	1.0	13
39	Environmental distribution of post-Palaeozoic crinoids from the Iberian and south-Pyrenean basins (NE Spain). Acta Palaeontologica Polonica, 0, 63, .	0.4	13
40	Replacement of benthic communities in two Neoproterozoic Cambrian subtropical-to-temperate rift basins, High Atlas and Anti-Atlas, Morocco. Journal of African Earth Sciences, 2014, 98, 72-93.	0.9	12
41	A new stemmed echinoderm from the Furongian of China and the origin of Glyptocystitida (Blastozoa). Tj ETQq1 1 0,784314,rgBT /Over 1F	0.9	11
42	A Middle Cambrian edrioasteroid from the Murero biota (NE Spain) with Australian affinities. Annales De Paleontologie, 2007, 93, 249-260.	0.1	10
43	The ontogeny of cinctans (stem-group Echinodermata) as revealed by a new genus, <i>GraciaCystis</i> , from the middle Cambrian of Spain. Palaeontology, 2013, 56, 399-410.	1.0	10
44	The Cambrian edrioasteroid Stromatocystites (Echinodermata): Systematics, palaeogeography, and palaeoecology. Geobios, 2015, 48, 417-426.	0.7	10
45	Morphological assessment of the earliest paradoxid trilobites (Cambrian Series 3) from Morocco and Spain. Geological Magazine, 2018, 155, 1566-1595.	0.9	9
46	Re-evaluating the phylogenetic position of the enigmatic early Cambrian deuterostome Yanjiahella. Nature Communications, 2020, 11, 1286.	5.8	9
47	Fulu biota, a new exceptionally-preserved Cambrian fossil assemblage from the Longha Formation in southeastern Yunnan. Palaeoworld, 2020, 29, 453-461.	0.5	9
48	Morphology and phylogenetic interpretation of a new Cambrian edrioasteroid (Echinodermata) from Spain. Palaeontology, 2013, 56, 421-431.	1.0	8
49	The first Furongian (late Cambrian) echinoderm from the British Isles. Geological Magazine, 2012, 149, 940-943.	0.9	7
50	A new genus and species of Parthenopidae MacLeay, 1838 (Decapoda: Brachyura) from the lower Eocene of Spain. Journal of Crustacean Biology, 2019, 39, 303-311.	0.3	7
51	New rhombiferan blastozoans (Echinodermata) from the Late Ordovician of Morocco. Geological Society Special Publication, 2019, , SP485.10.	0.8	7
52	Taphonomy and systematics of decapod crustaceans from the Aptian (Lower Cretaceous) in the Oliete Sub-basin (Teruel, Spain). Cretaceous Research, 2021, 122, 104767.	0.6	7
53	The Late Ordovician Tafila Biota, Anti-Atlas, Morocco: a high-latitude perspective on the GOBE. Geological Society Special Publication, 0, , SP485-2022-29.	0.8	7
54	Pelmatozoan echinoderms from the Cambrian-Ordovician transition of the Iberian Chains (NE Spain): early diversification of anchoring strategies. Swiss Journal of Geosciences, 2009, 102, 43-55.	0.5	6

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55	The nervous and circulatory systems of a Cretaceous crinoid: preservation, palaeobiology and evolutionary significance. <i>Palaeontology</i> , 2020, 63, 243-253.	1.0	5
56	Unravelling the distribution of decapod crustaceans in the Lower Eocene coral reef mounds of NE Spain (Tresp-Graus Basin, southern Pyrenees). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 575, 110439.	1.0	5
57	Towards a Better Understanding of the Origins of Microlens Arrays in Mesozoic Ophiuroids and Asteroids. <i>Evolutionary Biology</i> , 2017, 44, 339-346.	0.5	4
58	Cambrian trilobites from the Huármada Formation (Iberian Chains, north-east Spain) and the inadequacy of the Marianian Stage. <i>Papers in Palaeontology</i> , 2019, 5, 299-321.	0.7	4
59	Assessing canalisation of intraspecific variation on a macroevolutionary scale: the case of crinoid arms through the Phanerozoic. <i>PeerJ</i> , 2018, 6, e4899.	0.9	4
60	New Middle Cambrian palaeoscolecid sclerites of <i>Hadimopanella oezgueli</i> from the Cantabrian Mountains, northern Spain. <i>Gff</i> , 2014, 136, 22-25.	0.4	3
61	A columnal-bearing eocrinoid from the Cambrian Burgess Shale (British Columbia, Canada). <i>Journal of Paleontology</i> , 2015, 89, 366-368.	0.5	3
62	Hexedriocystis, an aberrant echinoderm from the Upper Ordovician of Morocco. <i>Geological Society Special Publication</i> , 2019, , SP485-2017-213.	0.8	3
63	New rhenopyrgid edriasteroids (Echinodermata) and their implications for taxonomy, functional morphology, and paleoecology. <i>Journal of Paleontology</i> , 2020, 94, 115-130.	0.5	3
64	New long-stemmed eocrinoid from the Furongian Point Peak Shale Member of the Wilberns Formation, central Texas. <i>Journal of Paleontology</i> , 2015, 89, 189-193.	0.5	2
65	A highly diverse dromioid crab assemblage (Decapoda, Brachyura) associated with pinnacle reefs in the lower Eocene of Spain. <i>Journal of Paleontology</i> , 0, , 1-20.	0.5	2
66	A shallow-water cyrtocrinid crinoid (Articulata) from the upper Albian of the Western Pyrenees, North Spain. <i>Cretaceous Research</i> , 2022, , 105161.	0.6	2
67	Cambrian edriasteroid reveals new mechanism for secondary reduction of the skeleton in echinoderms. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212733.	1.2	2
68	Morphology and ontogeny of the Cambrian edriasteroid echinoderm <i>Cambraster cannati</i> from western Gondwana. <i>Acta Palaeontologica Polonica</i> , 0, , .	0.4	1
69	The youngest ctenocystoids from the Upper Ordovician of the United Kingdom and the evolution of the bilateral body plan in echinoderms. <i>Acta Palaeontologica Polonica</i> , 0, , .	0.4	1
70	Systematics and distribution of decapod crustaceans associated with late Eocene coral buildups from the southern Pyrenees (Spain). <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2020, 296, 79-100.	0.2	1
71	A new hermit crab (Anomura, Paguroidea) out of its shell from the middle Eocene Arguis Formation, (Huesca, Spain). <i>Acta Palaeontologica Polonica</i> , 0, 65, .	0.4	1
72	An introduction to the Great Ordovician Biodiversification Event: insights from the Tafilaht Biota, Morocco. <i>Geological Society Special Publication</i> , 0, , SP485-2022-36.	0.8	1

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73	Progress in echinoderm paleobiology. <i>Journal of Paleontology</i> , 2017, 91, 579-581.	0.5	0
74	Stratigraphic and paleogeographic distributions of Devonian crinoids from Spain with description of new taxa from the Iberian Chains. <i>Journal of Paleontology</i> , 2019, 93, 1159-1174.	0.5	0
75	A reevaluation of rhipidocystid echinoderms based on a new flattened blastozoan from the Upper Ordovician of Maryland, USA. <i>Acta Palaeontologica Polonica</i> , 0, 65, .	0.4	0
76	Systematics and paleoecology of a new species of Varunidae H. Milne Edwards, 1853 (Decapoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	0