

William I Ausich

List of Publications by Year in descending order

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110
papers

2,392
citations

236612

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44
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112
all docs

112
docs citations

112
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Phanerozoic development of tiering in soft substrata suspension-feeding communities. <i>Paleobiology</i> , 1986, 12, 400-420.	1.3	225
2	Systematics and phylogeny of the late Osagean and Meramecian crinoids <i>Platycrinites</i> and <i>Eucladocrinus</i> from the Mississippian stratotype region. <i>Journal of Paleontology</i> , 1990, 64, 759-778.	0.5	127
3	Persistent predator-prey dynamics revealed by mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8335-8338.	3.3	91
4	Biotic Interactions among Recent and among Fossil Crinoids. <i>Topics in Geobiology</i> , 1983, , 377-427.	0.6	84
5	Did changes in atmospheric CO ₂ coincide with latest Ordovician glacial-interglacial cycles?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 296, 376-388.	1.0	82
6	Species longevity as a function of niche breadth: Evidence from fossil crinoids. <i>Geology</i> , 1997, 25, 219.	2.0	80
7	Demise of the middle Paleozoic crinoid fauna: a single extinction event or rapid faunal turnover?. <i>Paleobiology</i> , 1994, 20, 345-361.	1.3	77
8	Early phylogeny and subclass division of the Crinoidea (Phylum Echinodermata). <i>Journal of Paleontology</i> , 1998, 72, 499-510.	0.5	72
9	Aerosol suspension feeding and current velocities: distributional controls for late Osagean crinoids. <i>Paleobiology</i> , 1987, 13, 379-395.	1.3	72
10	Phylogenetic taxonomy and classification of the Crinoidea (Echinodermata). <i>Journal of Paleontology</i> , 2017, 91, 829-846.	0.5	69
11	Comparative Taphonomy of Echinoderms in Carbonate Facies: Fort Payne Formation (Lower Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	58
12	A sampling-adjusted macroevolutionary history for Ordovician-Early Silurian crinoids. <i>Paleobiology</i> , 2008, 34, 104-116.	1.3	58
13	Oral Region Homologies in Paleozoic Crinoids and Other Plesiomorphic Pentaradial Echinoderms. <i>PLoS ONE</i> , 2013, 8, e77989.	1.1	53
14	Origin and composition of carbonate buildups and associated facies in the Fort Payne Formation (Lower Mississippian, south-central Kentucky): An integrated sedimentologic and paleoecologic analysis. <i>Bulletin of the Geological Society of America</i> , 1990, 102, 129-146.	1.6	52
15	Crinoid Form and Function. , 1999, , 3-30.		51
16	Early phylogeny of crinoids within the pelmatozoan clade. <i>Palaeontology</i> , 2015, 58, 937-952.	1.0	48
17	Crinoid plate cirlet homologies. <i>Journal of Paleontology</i> , 1996, 70, 955-964.	0.5	44
18	Taphonomic Method for Determining Muscular Articulations in Fossil Crinoids. <i>Palaios</i> , 1993, 8, 477.	0.6	37

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19	A revised macroevolutionary history for Ordovician–Early Silurian crinoids. <i>Paleobiology</i> , 2005, 31, 538-551.	1.3	37
20	Taphonomy of Lower Carboniferous crinoids from the Hook Head Formation, Ireland. <i>Lethaia</i> , 1994, 27, 245-256.	0.6	36
21	Testing the plateau: a reexamination of disparity and morphologic constraints in early Paleozoic crinoids. <i>Paleobiology</i> , 2011, 37, 214-236.	1.3	36
22	Redefinition of the Osagean-Meramecian Boundary in the Mississippian Stratotype Region. <i>Palaios</i> , 1990, 5, 414.	0.6	35
23	Early Silurian rhodocrinitacean crinoids (Brassfield Formation, Ohio). <i>Journal of Paleontology</i> , 1986, 60, 84-106.	0.5	33
24	Macroevolutionary transition in crinoids following the Late Ordovician extinction event (Ordovician to Early Silurian). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 361-362, 38-48.	1.0	31
25	Epizoan associations in a lower mississippian paleocommunity (borden group, Indiana, U.S.A.). <i>Historical Biology</i> , 1990, 4, 245-265.	0.7	28
26	Early Silurian inadunate crinoids (Brassfield Formation, Ohio). <i>Journal of Paleontology</i> , 1986, 60, 719-735.	0.5	25
27	Echmatocrinus, a Burgess Shale animal reconsidered. <i>Lethaia</i> , 2000, 33, 92-94.	0.6	25
28	Mississippian crinoid biodiversity, biogeography and macroevolution. <i>Palaeontology</i> , 2013, 56, 727-740.	1.0	25
29	Ordovician–Silurian Lilliput crinoids during the end-Ordovician biotic crisis. <i>Swiss Journal of Palaeontology</i> , 2011, 130, 7-18.	0.7	24
30	Brassfield Compsocrinina (Lower Silurian crinoids) from Ohio. <i>Journal of Paleontology</i> , 1987, 61, 552-562.	0.5	23
31	Phylogenetic community paleoecology of one of the earliest complex crinoid faunas (Brechin) Tj ETQq1 1 0.784314 rrgBT /Overlock 10 1.6 22	0.7	22
32	New camerate crinoids of the suborder Glyptocrinina from the Lower Silurian Brassfield Formation (southwestern Ohio). <i>Journal of Paleontology</i> , 1986, 60, 887-897.	0.5	21
33	Blastoids from the late Osagean Fort Payne Formation (Kentucky and Tennessee). <i>Journal of Paleontology</i> , 1988, 62, 269-283.	0.5	19
34	Late Osagean and Meramecian Actinocrinites (Echinodermata: Crinoidea) from the Mississippian stratotype region. <i>Journal of Paleontology</i> , 1991, 65, 485-499.	0.5	18
35	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
36	Palaeogeographic implications of a new iocrinid crinoid (Disparida) from the Ordovician (Darrwillian) of Morocco. <i>PeerJ</i> , 2015, 3, e1450.	0.9	18

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37	SOFT-TISSUE PRESERVATION OF THE HIND GUT IN A NEW GENUS OF CLADID CRINOID FROM THE MISSISSIPPIAN (VISEAN, ASBIAN) AT ST ANDREWS, SCOTLAND. <i>Palaeontology</i> , 2007, 50, 951-959.	1.0	17
38	Generic concepts in the Platycrinidae Austin and Austin, 1842 (class Crinoidea). <i>Journal of Paleontology</i> , 2009, 83, 694-717.	0.5	17
39	Disarticulation patterns in Ordovician crinoids: Implications for the evolutionary history of connective tissue in the Crinoidea. <i>Lethaia</i> , 1998, 31, 113-123.	0.6	16
40	Crinoids from the Silurian of Western Estonia. <i>Acta Palaeontologica Polonica</i> , 2012, 57, 613-631.	0.4	16
41	Comparing taxonomic and geographic scales in the morphologic disparity of Ordovician through Early Silurian Laurentian crinoids. <i>Paleobiology</i> , 2012, 38, 538-553.	1.3	16
42	Facies distribution and taphonomy of echinoids from the Fort Payne Formation (late Osagean, early) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5	0.5	16
43	The crinoids of the Al Rose Formation (Early Ordovician, Inyo County, California, U.S.A.). <i>Alcheringa</i> , 1986, 10, 217-224.	0.5	15
44	Systematic revisions to <i>Aorocrinus</i> , <i>Dorycrinus</i> , <i>Macrocrinus</i> , <i>Paradichocrinus</i> , <i>Strotocrinus</i> , and <i>Uperocrinus</i> : Mississippian camerate crinoids (Echinodermata) from the stratotype region. <i>Journal of Paleontology</i> , 1991, 65, 936-944.	0.5	15
45	Crinoidea Flexibilia (Echinodermata) from the Fort Payne Formation (Lower Mississippian; Kentucky) Tj ETQq1 1 0.784314 rgBT /Overlock 15	0.5	15
46	Morphologic variation within and among populations of the camerate crinoid <i>Agaricocrinus</i> (Lower Mississippian, Kentucky and Tennessee): Breaking the spell of the mushroom. <i>Journal of Paleontology</i> , 1997, 71, 896-917.	0.5	15
47	Whiterockian (Ordovician) crinoid fauna from the Table Head Group, western Newfoundland, Canada. <i>Canadian Journal of Earth Sciences</i> , 1998, 35, 121-130.	0.6	15
48	THE STUDY OF CRINOIDS DURING THE 20TH CENTURY AND THE CHALLENGES OF THE 21ST CENTURY. <i>Journal of Paleontology</i> , 2001, 75, 1161-1173.	0.5	15
49	Homology of posterior interarray plates in crinoids: a review and new perspectives from phylogenetics, the fossil record and development. <i>Palaeontology</i> , 2020, 63, 525-545.	1.0	15
50	Revision of Rowley's Ordovician(?) and Silurian crinoids from Missouri. <i>Journal of Paleontology</i> , 1987, 61, 563-578.	0.5	14
51	An echinoderm Lagerstätte from the Upper Ordovician (Katian), Ontario: taxonomic re-evaluation and description of new dicyclic camerate crinoids. <i>Journal of Paleontology</i> , 2018, 92, 488-505.	0.5	14
52	Crinoids from the Brassfield Formation of Adams County, Ohio. <i>Journal of Paleontology</i> , 1988, 62, 285-289.	0.5	13
53	Generic concepts in the Amphoracrinidae Bather, 1899 (Class Crinoidea) and evaluation of generic assignments of North American species. <i>Journal of Paleontology</i> , 2008, 82, 1139-1149.	0.5	13
54	Llandovery (early Silurian) crinoids from Hiiumaa Island, western Estonia. <i>Journal of Paleontology</i> , 2016, 90, 1138-1147.	0.5	13

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55	ORDOVICIAN [DOBROTIVIAN (LLANDEILLIAN STAGE) TO ASHGILL] CRINOIDS (PHYLUM ECHINODERMATA) FROM THE MONTES DE TOLEDO AND SIERRA MORENA, SPAIN WITH IMPLICATIONS FOR PALEOGEOGRAPHY OF PERI-GONDWANA. <i>Journal of Paleontology</i> , 2002, 76, 975-992.	0.5	12
56	Wenlock and Pridoli (Silurian) crinoids from Saaremaa, western Estonia (Phylum Echinodermata). <i>Journal of Paleontology</i> , 2015, 89, 72-81.	0.5	12
57	Middle Jurassic of Northern Switzerland. , 1999, , 203-215.		11
58	Ordovician [Dobrotivian (Llandeillian Stage) to Ashgill] crinoids (phylum Echinodermata) from the Montes de Toledo and Sierra Morena, Spain with implications for paleogeography of Peri-Gondwana. <i>Journal of Paleontology</i> , 2002, 76, 975-992.	0.5	11
59	Generic concepts in the Actinocrinitidae Austin and Austin, 1842 (class Crinoidea) and evaluation of generic assignments of species. <i>Journal of Paleontology</i> , 2015, 89, 1-19.	0.5	11
60	Middle Mississippian disparid crinoids from the midcontinental United States. <i>Journal of Paleontology</i> , 1997, 71, 131-148.	0.5	10
61	CRINOIDS FROM THE NADA MEMBER OF THE BORDEN FORMATION (LOWER MISSISSIPPIAN) IN EASTERN KENTUCKY. <i>Journal of Paleontology</i> , 2005, 79, 337-355.	0.5	10
62	Growth of the xenomorphic crinoid column (<i>Taxocrinus</i> , Late Mississippian). <i>Journal of Paleontology</i> , 1989, 63, 657-662.	0.5	9
63	Generic concepts in the Batocrinidae Wachsmuth and Springer, 1881 (class Crinoidea). <i>Journal of Paleontology</i> , 2010, 84, 32-50.	0.5	9
64	Echinoderms from the lower Silurian Brassfield Formation of east-central Kentucky. <i>Journal of Paleontology</i> , 2015, 89, 245-256.	0.5	9
65	Testing for escalation in Lower Mississippian camerate crinoids. <i>Paleobiology</i> , 2015, 41, 89-107.	1.3	8
66	Character selection and the quantification of morphological disparity. <i>Paleobiology</i> , 2017, 43, 68-84.	1.3	8
67	Tube foot preservation in the Devonian crinoid <i>Codiocrinus</i> from the Lower Devonian Hunsrück Slate, Germany. <i>Lethaia</i> , 2013, 46, 416-420.	0.6	8
68	Camerate and disparid crinoids from the late Kinderhookian Meadville Shale, Cuyahoga Formation of Ohio. <i>Journal of Paleontology</i> , 2012, 86, 488-507.	0.5	7
69	Crinoid assemblages from the Fort Payne Formation (late Osagean, early Viséan, Mississippian) from Kentucky, Tennessee, and Alabama. <i>Journal of Paleontology</i> , 2014, 88, 1154-1162.	0.5	7
70	A review of Ordovician crinoids from France: New data from the Darriwilian of the Armorican Massif and palaeobiogeographic implications. <i>Annales De Paleontologie</i> , 2015, 101, 301-313.	0.1	7
71	Morphological paradox of disparid crinoids (Echinodermata): phylogenetic analysis of a Paleozoic clade. <i>Swiss Journal of Palaeontology</i> , 2018, 137, 159-176.	0.7	7
72	CRINOIDS FROM THE MULDRAGH MEMBER OF THE BORDEN FORMATION IN NORTH-CENTRAL KENTUCKY (ECHINODERMATA, LOWER MISSISSIPPIAN). <i>Journal of Paleontology</i> , 2000, 74, 1072-1082.	0.5	6

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73	Chinese origin and radiation of the Palaeozoic crinoid family Petalocrinidae. <i>Palaeoworld</i> , 2015, 24, 445-453.	0.5	6
74	Exaptation of pelmatozoan oral surfaces: constructional pathways in tegmen evolution. <i>Journal of Paleontology</i> , 2016, 90, 689-720.	0.5	6
75	Disparid and hybocrinid crinoids (Echinodermata) from the Upper Ordovician (lower Katian) Brechin Lagerstätte of Ontario. <i>Journal of Paleontology</i> , 2018, 92, 850-871.	0.5	6
76	Late Ordovician (Hirnantian) diploporitan fauna of Anticosti Island, Quebec, Canada: implications for evolutionary and biogeographic patterns. <i>Canadian Journal of Earth Sciences</i> , 2018, 55, 1-7.	0.6	6
77	Skeletal crystallography and crinoid calyx architecture. <i>Journal of Paleontology</i> , 2000, 74, 52-66.	0.5	5
78	New taxa and revised stratigraphic distribution of the crinoid fauna from Anticosti Island, Québec, Canada (Late Ordovician-early Silurian). <i>Journal of Paleontology</i> , 2019, 93, 1137-1158.	0.5	5
79	Bringing planktonic crinoids back to the bottom: Reassessment of the functional role of scyphocrinoid loboliths. <i>Paleobiology</i> , 2020, 46, 104-122.	1.3	5
80	Paleocommunity composition, relative abundance, and new camerate crinoids from the Brechin Lagerstätte (Upper Ordovician). <i>Journal of Paleontology</i> , 2020, 94, 1103-1123.	0.5	5
81	Crinoids from the Muldraugh Member of the Borden Formation in north-central Kentucky (Echinodermata, Lower Mississippian). <i>Journal of Paleontology</i> , 2000, 74, 1072-1082.	0.5	4
82	Crypto-helical body plan in partially disarticulated gogiids from the Cambrian of South China. <i>Palaeoworld</i> , 2015, 24, 393-399.	0.5	4
83	Kalana Lagerstätte crinoids: Early Silurian (Llandovery) of central Estonia. <i>Journal of Paleontology</i> , 2020, 94, 131-144.	0.5	4
84	Biodiversity, systematics, and new taxa of cladid crinoids from the Ordovician Brechin Lagerstätte. <i>Journal of Paleontology</i> , 2020, 94, 334-357.	0.5	4
85	Teratological specimen of <i>Agaricocrinus americanus</i> (Roemer) (Lower Mississippian, Crinoidea). <i>Journal of Paleontology</i> , 1989, 63, 945-946.	0.5	3
86	Middle Ordovician of the Lake Simcoe Area of Ontario, Canada. , 1999, , 68-74.		3
87	GILMOCRINUS KENTUCKYENSIS N. SP. FROM THE LATE OSAGEAN (MISSISSIPPIAN) MULDRAUGH MEMBER OF THE BORDEN FORMATION IN KENTUCKY: A EUROPEAN IMMIGRANT ORIGINALLY DERIVED FROM NORTH AMERICA?. <i>Journal of Paleontology</i> , 2007, 81, 209-212.	0.5	3
88	NEW CLADID AND FLEXIBLE CRINOIDS FROM THE MISSISSIPPIAN (TOURNAISIAN, IVORIAN) OF ENGLAND and WALES. <i>Palaeontology</i> , 2007, 50, 1039-1050.	1.0	3
89	Deepwater occurrence of a new <i>Glyptocrinus</i> (Crinoidea, Camerata) from the Late Ordovician of southwestern Ohio and northern Kentucky: revision of crinoid paleocommunity composition. <i>Journal of Paleontology</i> , 2015, 89, 1068-1075.	0.5	3
90	Presumed postlarval pentacrinoids from the Lower Devonian Hunsrück Slate, Germany. <i>Lethaia</i> , 2016, 49, 307-311.	0.6	3

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91	Actinocrinitidae from the Lower Mississippian Fort Payne Formation of Kentucky, Tennessee, and Alabama (Crinoidea, Viséan). <i>Journal of Paleontology</i> , 2016, 90, 1148-1159.	0.5	3
92	New taxa and phyletic evolution of the Aeronian (Llandovery, Silurian) Petalocrinidae (Echinodermata, Crinoidea) in Guizhou, South China Block. <i>Journal of Paleontology</i> , 2017, 91, 477-492.	0.5	3
93	The oldest iocrinid crinoids from the Early/Middle Ordovician of China: Possible paleogeographic implications. <i>Journal of Asian Earth Sciences</i> , 2018, 151, 324-333.	1.0	3
94	ECOLOGICAL AND TAPHONOMIC FIDELITY IN FOSSIL CRINOID ACCUMULATIONS. <i>Palaios</i> , 2019, 34, 575-583.	0.6	3
95	Early Silurian recovery of Baltica crinoids following the end-Ordovician extinctions (Llandovery,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222 T	0.5	3
96	A Hirnantian holdover from the Late Ordovician mass extinction: phylogeny and biogeography of a new anthracocrinid crinoid from Estonia. <i>Papers in Palaeontology</i> , 2021, 7, 1195-1204.	0.7	3
97	Carboniferous crinoids. <i>Geological Society Special Publication</i> , 2022, 512, 551-601.	0.8	3
98	Ontogeny and life-history strategy of <i>Barycrinus</i> (Crinoidea, Mississippian). <i>Lethaia</i> , 2009, 42, 138-145.	0.6	2
99	Batocrinidae (Crinoidea) from the Lower Mississippian (lower Viséan) Fort Payne Formation of Kentucky, Tennessee, and Alabama: systematics, geographic occurrences, and facies distribution. <i>Journal of Paleontology</i> , 2018, 92, 681-712.	0.5	1
100	A new crinoid fauna from the Taiyuan Formation (early Permian) of Henan, North China. <i>Journal of Paleontology</i> , 2018, 92, 1066-1080.	0.5	1
101	Crinoidea. , 2021, , 256-265.		1
102	A possible Laurentian volchoviid ophiocistoid from the Katian of southwestern Ohio. <i>Journal of Paleontology</i> , 2021, 95, 1097-1098.	0.5	1
103	Revision of two Devonian cupressocrinitids from the Schultze collection (Museum of Comparative) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 222 T <i>Paleontology</i> , 0, , 1-17.	0.5	1
104	<i>Collicrinus excavatus</i> (Hall, 1861), generic affinity for a Lower Mississippian crinoid (Phylum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	0.5	0
105	Memorial: A fond farewell to James C. Brower (1934â€“2018). <i>Journal of Paleontology</i> , 2018, 92, 938-941.	0.5	0
106	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
107	Evolutionary and taphonomic implications of a new species of <i>Amphoracrinus</i> from the early Viséan of Kentucky. <i>Journal of Paleontology</i> , 0, , 1-11.	0.5	0
108	Unraveling the hidden paleobiodiversity of the Middle Devonian (Emsian) crinoids (Crinoidea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	0.9	0

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109	First crinoid crown from the Permian Khuff Formation (Wordian) of Oman. Proceedings of the Geologists Association, 2022, 133, 154-161.	0.6	0
110	<i>Gennaeocrinus tariatensis</i> , a new Emsian (Devonian) monobathrid crinoid from the Tarvagatay Terrane of Mongolia. Journal of Paleontology, 0, , 1-7.	0.5	0