

Ian Desmond Boomer

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

3,362
citations

249298

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162838

57
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73
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73
docs citations

73
times ranked

3935
citing authors

#	ARTICLE	IF	CITATIONS
1	The Marinoan cap carbonate of Svalbard: Syngenetic marine dolomite with ^{17}O -anomalous carbonate-associated sulphate. <i>Depositional Record</i> , 2023, 9, 482-507.	0.8	3
2	Biotic and stable-isotope characterization of the Toarcian Ocean Anoxic Event through a carbonate-clastic sequence from Somerset, UK. <i>Geological Society Special Publication</i> , 2021, 514, 239-268.	0.8	3
3	ISODRIP, a model to transfer the $\delta^{18}\text{O}$ signal of precipitation to drip water: Implementation of the model for Eagle Cave (central Spain). <i>Science of the Total Environment</i> , 2021, 797, 149188.	3.9	2
4	High-resolution correlation of the Homeric carbon isotope excursion (Silurian) across the interior of the Midland Platform (Avalonia), UK. <i>Geological Magazine</i> , 2020, 157, 603-620.	0.9	2
5	Late Glacial to mid Holocene lacustrine ostracods from southern Anatolia, Turkey: A palaeoenvironmental study with pollen and stable isotopes. <i>Catena</i> , 2020, 188, 104437.	2.2	5
6	Falkland Island peatland development processes and the pervasive presence of fire. <i>Quaternary Science Reviews</i> , 2020, 240, 106391.	1.4	9
7	Taxonomic harmonization of Neogene and Quaternary conodont genera (Crustacea, Ostracoda) of the Paratethys. <i>Journal of Systematic Palaeontology</i> , 2019, 17, 1665-1698.	0.6	4
8	The first known neonate <i>Ichthyosaurus communis</i> skeleton: a rediscovered specimen from the Lower Jurassic, UK. <i>Historical Biology</i> , 2019, 31, 600-609.	0.7	4
9	Latest Oligocene to earliest Pliocene deep-sea benthic foraminifera from Ocean Drilling Program (ODP) Sites 752, 1168 and 1139, southern Indian Ocean. <i>Journal of Micropalaeontology</i> , 2019, 38, 189-229.	1.3	3
10	Tonian-Cryogenian boundary sections of Argyll, Scotland. <i>Precambrian Research</i> , 2018, 319, 37-64.	1.2	32
11	Paleoecologic and paleoceanographic interpretation of $\delta^{18}\text{O}$ variability in Lower Ordovician conodont species. <i>Geology</i> , 2018, 46, 467-470.	2.0	22
12	Paleoclimate change in Ethiopia around the last interglacial derived from annually-resolved stalagmite evidence. <i>Quaternary Science Reviews</i> , 2018, 202, 197-210.	1.4	15
13	The Homeric carbon isotope excursion (Silurian) within graptolitic successions on the Midland Platform (Avalonia), UK: implications for regional and global comparisons and correlations. <i>Gff</i> , 2017, 139, 301-313.	0.4	5
14	Salinity-driven size variability in <i>Cyprideis torosa</i> (Ostracoda, Crustacea). <i>Journal of Micropalaeontology</i> , 2017, 36, 63-69.	1.3	24
15	Continental carbonate facies of a Neoproterozoic panglaciation, north-east Svalbard. <i>Sedimentology</i> , 2016, 63, 443-497.	1.6	37
16	Characterisation of dissolved organic matter in the Lower Kinabatangan River, Sabah, Malaysia. <i>Hydrology Research</i> , 2015, 46, 411-428.	1.1	7
17	Intra-Event Trends in Stable Isotopes: Exploring Midlatitude Precipitation Using a Vertically Pointing Micro Rain Radar. <i>Journal of Hydrometeorology</i> , 2015, 16, 194-213.	0.7	31
18	Late Pleistocene and Holocene sea-level change and coastal paleoenvironment evolution along the Iranian Caspian shore. <i>Marine Geology</i> , 2015, 361, 111-125.	0.9	44

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19	Microfossil-determined provenance of clay building materials at Burrough Hill Iron Age hill fort, Leicestershire, England. <i>Journal of Archaeological Science</i> , 2015, 54, 329-339.	1.2	8
20	The role of iron minerals in laminae formation in Late Pleistocene sediments of the Caspian Sea. <i>Quaternary International</i> , 2014, 345, 68-76.	0.7	17
21	Tanycythere New Genus and its Significance for Jurassic Ostracod Diversity. <i>Journal of Paleontology</i> , 2014, 88, 519-530.	0.5	6
22	Stable isotopic composition of raw and treated water. <i>Water Management</i> , 2014, 167, 414-429.	0.4	2
23	An expanded ostracod-based conductivity transfer function for climate reconstruction in the Levant. <i>Quaternary Science Reviews</i> , 2014, 93, 91-105.	1.4	35
24	Responses to River Inundation Pressures Control Prey Selection of Riparian Beetles. <i>PLoS ONE</i> , 2013, 8, e61866.	1.1	19
25	U-Pb (zircon) age constraints on the timing and duration of Wenlock (Silurian) paleocommunity collapse and recovery during the "Big Crisis". <i>Bulletin of the Geological Society of America</i> , 2012, 124, 1841-1857.	1.6	70
26	Oxygen isotope variability in conodonts: implications for reconstructing Palaeozoic palaeoclimates and palaeoceanography. <i>Journal of the Geological Society</i> , 2012, 169, 239-250.	0.9	42
27	Ostracoda as Indicators of Climatic and Human-Influenced Changes in the Late Quaternary of the Ponto-Caspian Region (Aral, Caspian and Black Seas). <i>Developments in Quaternary Sciences</i> , 2012, 17, 205-215.	0.1	8
28	Ostracod Taxa as Palaeoclimate Indicators in the Quaternary. <i>Developments in Quaternary Sciences</i> , 2012, , 37-45.	0.1	13
29	Lateglacial to early Holocene multiproxy record from Loch Assynt, NW Scotland. <i>Proceedings of the Geologists Association</i> , 2012, 123, 109-116.	0.6	4
30	High resolution $\delta^{13}\text{C}_{\text{carb}}$ stratigraphy of the Homerian (Wenlock) of the English Midlands and Wenlock Edge. <i>Bulletin of Geosciences</i> , 2012, , 669-679.	0.5	16
31	Water Flow Dynamics of Groundwater-Fed Streams and Their Ecological Significance in a Glacierized Catchment. <i>Arctic, Antarctic, and Alpine Research</i> , 2011, 43, 364-379.	0.4	23
32	Avian embryonic development does not change the stable isotope composition of the calcite eggshell. <i>Reproduction, Fertility and Development</i> , 2011, 23, 339.	0.1	16
33	From Site to Landscape: Assessing the Value of Geoarchaeological Data in Understanding the Archaeological Record of Domuztepe, Eastern Mediterranean, Turkey. <i>American Journal of Archaeology</i> , 2011, 115, 465-482.	0.1	6
34	Physical properties and formation of flutes at a polythermal valley glacier: midre lovÅ©nbreen, svalbard. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2011, 93, 71-88.	0.6	12
35	Late Pleistocene to Recent ostracod assemblages from the western Black Sea. <i>Journal of Micropalaeontology</i> , 2010, 29, 119-133.	1.3	35
36	Quantitative reconstruction of lake conductivity in the Quaternary of the Near East (Israel) using ostracods. <i>Journal of Paleolimnology</i> , 2010, 43, 667-688.	0.8	40

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37	Role of glaciohydraulic supercooling in the formation of stratified facies basal ice: SvAnafellsjökull and Skaftafellsjökull, southeast Iceland. <i>Boreas</i> , 2010, 39, 24-38.	1.2	30
38	The occurrence of a new species of <i>Gomphocythere</i> (Ostracoda), Tj ETQq0 0 rgBT /Overlock 10 T Micropalaeontology, 2010, 29, 115-118.	1.3	8
39	Modern hydrology and late Holocene history of Lake Karakul, eastern Pamirs (Tajikistan): A reconnaissance study. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 289, 10-24.	1.0	80
40	Moisture changes over the last millennium in arid central Asia: a review, synthesis and comparison with monsoon region. <i>Quaternary Science Reviews</i> , 2010, 29, 1055-1068.	1.4	406
41	Continuous fluorescence assessment of organic matter variability on the Bournbrook River, Birmingham, UK. <i>Hydrological Processes</i> , 2009, 23, 1937-1946.	1.1	42
42	The biostratigraphy of the Upper Pliensbachian-Toarcian (Lower Jurassic) sequence at Ilminster, Somerset. <i>Journal of Micropalaeontology</i> , 2009, 28, 67-85.	1.3	17
43	Advances in understanding the late Holocene history of the Aral Sea region. <i>Quaternary International</i> , 2009, 194, 79-90.	0.7	63
44	The extinction of the <i>Metacopina</i> (Ostracoda). <i>Senckenbergiana Lethaea</i> , 2008, 88, 47-53.	0.3	23
45	Holocene palaeoecology and floodplain evolution of the Muge tributary, Lower Tagus Basin, Portugal. <i>Quaternary International</i> , 2008, 189, 135-151.	0.7	29
46	Holocene moisture evolution in arid central Asia and its out-of-phase relationship with Asian monsoon history. <i>Quaternary Science Reviews</i> , 2008, 27, 351-364.	1.4	967
47	Holocene coastal change and geoarchaeology at Howick, Northumberland, UK. <i>Holocene</i> , 2007, 17, 89-104.	0.9	28
48	Ostracods as freshwater pollution indicators: a case study from the Ouseburn, a polluted urban catchment (Tyneside, NE England). <i>Journal of Micropalaeontology</i> , 2007, 26, 117-125.	1.3	6
49	Dynamics of water movement and trends in dissolved carbon in a headwater wetland in a permeable catchment. <i>Wetlands</i> , 2007, 27, 1066-1080.	0.7	14
50	Holocene relative sea-level movements along the North Norfolk Coast, UK. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 230, 32-51.	1.0	23
51	Celebrating 25 years of advances in micropalaeontology: a review. <i>Journal of Micropalaeontology</i> , 2006, 25, 97-112.	1.3	4
52	A Bronze Age Cist Cemetery at Howick, Northumberland. <i>Archaeological Journal</i> , 2005, 162, 65-95.	0.4	2
53	The use of ostracods from marginal marine, brackish waters as bioindicators of modern and Quaternary environmental change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 225, 68-92.	1.0	222
54	Modern and Holocene sublittoral ostracod assemblages (Crustacea) from the Caspian Sea: A unique brackish, deep-water environment. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 225, 173-186.	1.0	61

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55	The Use of Ostracods in Palaeoenvironmental Studies, or What can you do with an Ostracod Shell?. The Paleontological Society Papers, 2003, 9, 153-180.	0.8	138
56	Ostracod faunas as palaeoenvironmental indicators in marginal marine environments. Geophysical Monograph Series, 2002, , 135-149.	0.1	31
57	Upper Triassic and Lower Jurassic stratigraphy from exploration well L134/5-1, offshore Inner Hebrides, west Scotland. Journal of Micropalaeontology, 2001, 20, 155-168.	1.3	10
58	Title is missing!. Aquatic Ecology, 2001, 35, 405-430.	0.7	49
59	Holocene evolution of the Blakeney Spit area of the North Norfolk coastline. Proceedings of the Geologists Association, 2000, 111, 205-217.	0.6	7
60	Systematic review and evolution of the early Cytheruridae (Ostracoda). Journal of Micropalaeontology, 2000, 19, 139-151.	1.3	24
61	The palaeolimnology of the Aral Sea: a review. Quaternary Science Reviews, 2000, 19, 1259-1278.	1.4	171
62	Late Cretaceous and Cainozoic bathyal Ostracoda from the Central Pacific (DSDP Site 463). Marine Micropaleontology, 1999, 37, 131-147.	0.5	30
63	A re-examination of the Pliensbachian and Toarcian Ostracoda of Zambujal, west-central Portugal. Journal of Micropalaeontology, 1998, 17, 1-14.	1.3	29
64	Aral Sea Ostracoda as environmental indicators. Lethaia, 1996, 29, 77-85.	0.6	49
65	Early-Middle Jurassic ostracod migration between the northern and southern hemispheres: Further evidence for a proto Atlantic-Central America connection. Palaeogeography, Palaeoclimatology, Palaeoecology, 1996, 121, 53-64.	1.0	23
66	Subâ€fossil <i>Ostracoda</i> and the death of the Aral Sea. Geology Today, 1993, 9, 18-22.	0.3	8
67	Palaeoenvironmental indicators from Late Holocene and contemporary ostracoda of the Aral Sea. Palaeogeography, Palaeoclimatology, Palaeoecology, 1993, 103, 141-153.	1.0	29
68	Palaeoenvironmental Reconstruction in the Breydon Formation, Holocene of East Anglia. Journal of Micropalaeontology, 1993, 12, 35-45.	1.3	11
69	Lower Jurassic ostracods from Ilminster, Somerset, England. Journal of Micropalaeontology, 1992, 11, 47-57.	1.3	20
70	Ostracoda and dysaerobia in the Lower Jurassic of Wales: the reconstruction of past oxygen levels. Palaeogeography, Palaeoclimatology, Palaeoecology, 1992, 99, 373-379.	1.0	42
71	Lower Jurassic Ostracod Biozonation of the Mochras Borehole. Journal of Micropalaeontology, 1991, 9, 205-218.	1.3	41