

Andrey Yu Zhuravlev

List of Publications by Year in descending order

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58
papers

2,475
citations

201674

27
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197818

49
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59
all docs

59
docs citations

59
times ranked

1274
citing authors

#	ARTICLE	IF	CITATIONS
1	Sr and C isotopes in Lower Cambrian carbonates from the Siberian craton: A paleoenvironmental record during the "Cambrian explosion". <i>Earth and Planetary Science Letters</i> , 1994, 128, 671-681.	4.4	207
2	Anoxia as the cause of the mid-Early Cambrian (Botomian) extinction event. <i>Geology</i> , 1996, 24, 311.	4.4	141
3	A deep root for the Cambrian explosion: Implications of new bio- and chemostratigraphy from the Siberian Platform. <i>Geology</i> , 2017, 45, 459-462.	4.4	119
4	Eve of biomineralization: Controls on skeletal mineralogy. <i>Geology</i> , 2008, 36, 923.	4.4	116
5	Multiple $\delta^{13}C$ excursions spanning the Cambrian explosion to the Botomian crisis in Siberia. <i>Geology</i> , 1994, 22, 455.	4.4	112
6	Precambrian/Cambrian boundary problem: Carbon isotope correlations for Vendian and Tommotian time between Siberia and Morocco. <i>Geology</i> , 1991, 19, 847.	4.4	99
7	Possible links between extreme oxygen perturbations and the Cambrian radiation of animals. <i>Nature Geoscience</i> , 2019, 12, 468-474.	12.9	96
8	Primordial Metazoan-Calcareous Reefs: Tommotian (Early Cambrian) of the Siberian Platform. <i>Palaios</i> , 1995, 10, 291.	1.3	90
9	A carbon isotope reference scale for the Lower Cambrian succession in Siberia: report of ICGP Project 303. <i>Geological Magazine</i> , 1994, 131, 767-783.	1.5	86
10	New Finds of Skeletal Fossils in the Terminal Neoproterozoic of the Siberian Platform and Spain. <i>Acta Palaeontologica Polonica</i> , 2012, 57, 205-224.	0.4	86
11	The ecology of Lower Cambrian buildups from Zuune Arts, Mongolia: implications for early metazoan reef evolution. <i>Sedimentology</i> , 1993, 40, 829-858.	3.1	83
12	The Lower Cambrian Fossil Record of the Soviet Union. <i>Topics in Geobiology</i> , 1992, , 205-282.	0.5	73
13	Functional Biology and Ecology of Archaeocyatha. <i>Palaios</i> , 1992, 7, 131.	1.3	71
14	Palaeoecology of the Early Cambrian Sinsk biota from the Siberian Platform. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 220, 69-88.	2.3	68
15	Structure and diversity of oldest sponge-microbe reefs: Lower Cambrian, Aldan River, Siberia. <i>Geology</i> , 1995, 23, 649.	4.4	67
16	Demise of Ediacaran dolomitic seas marks widespread biomineralization on the Siberian Platform. <i>Geology</i> , 2017, 45, 27-30.	4.4	64
17	Escalation and ecological selectivity of mineralogy in the Cambrian Radiation of skeletons. <i>Earth-Science Reviews</i> , 2012, 115, 249-261.	9.1	62
18	Middle "Late Cambrian Rankenella" Girvanella reefs of the Mila Formation, northern Iran. <i>Canadian Journal of Earth Sciences</i> , 2008, 45, 619-639.	1.3	52

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19	The two phases of the Cambrian Explosion. <i>Scientific Reports</i> , 2018, 8, 16656.	3.3	52
20	Archaeocyaths from Yorke Peninsula, South Australia and archaeocyathan Early Cambrian zonation. <i>Alcheringa</i> , 1994, 18, 1-54.	1.2	46
21	Latest Middle Cambrian metazoan reef from northern Iran. <i>Geological Magazine</i> , 1995, 132, 367-373.	1.5	44
22	Controls on carbonate skeletal mineralogy: Global CO ₂ evolution and mass extinctions. <i>Geology</i> , 2009, 37, 1123-1126.	4.4	43
23	First finds of problematic Ediacaran fossil <i>Gaojiashania</i> in Siberia and its origin. <i>Geological Magazine</i> , 2009, 146, 775-780.	1.5	42
24	Evolution of archaeocyaths and palaeobiogeography of the Early Cambrian. <i>Geological Magazine</i> , 1986, 123, 377-385.	1.5	40
25	First macrobiota biomineralization was environmentally triggered. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170059.	2.6	40
26	Calibrating the temporal and spatial dynamics of the Ediacaran - Cambrian radiation of animals. <i>Earth-Science Reviews</i> , 2022, 225, 103913.	9.1	39
27	A new post-early Cambrian archaeocyath from Antarctica. <i>Geological Magazine</i> , 1992, 129, 491-495.	1.5	29
28	Ediacaran skeletal metazoan interpreted as a lophophorate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151860.	2.6	28
29	Reef ecosystem recovery after the Early Cambrian extinction. <i>Geological Society Special Publication</i> , 1996, 102, 79-96.	1.3	26
30	Alpha, beta, or gamma: Numerical view on the Early Cambrian world. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 220, 207-225.	2.3	25
31	Archaeocyathan zonation of the Yangtze Platform: Implications for regional and global correlation of lower Cambrian stages. <i>Geological Magazine</i> , 2016, 153, 388-409.	1.5	25
32	Dynamic and synchronous changes in metazoan body size during the Cambrian Explosion. <i>Scientific Reports</i> , 2020, 10, 6784.	3.3	22
33	Discussion of "First finds of problematic Ediacaran fossil <i>Gaojiashania</i> in Siberia and its origin". <i>Geological Magazine</i> , 2011, 148, 329-333.	1.5	21
34	Flexible and responsive growth strategy of the Ediacaran skeletal <i>Cloudina</i> from the Nama Group, Namibia. <i>Geology</i> , 2017, 45, 259-262.	4.4	21
35	Controls on the diversity and structure of earliest metazoan communities: Early Cambrian reefs from Siberia. <i>Earth-Science Reviews</i> , 2015, 147, 18-29.	9.1	20
36	Proposal of a reference section and point for the Cambrian Series 2 "3 boundary in the Mediterranean subprovince in Murero (NE Spain) and its intercontinental correlation. <i>Geological Journal</i> , 2013, 48, 142-155.	1.3	19

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37	Early Cambrian Appalachian Archaeocyaths: Further age constraints from the fauna of New Jersey and Virginia, U.S.A.. <i>Geobios</i> , 2000, 33, 693-708.	1.4	17
38	A New Early Cambrian Lobopod-Bearing Animal (Murero, Spain) and the Problem of the Ecdysozoan Early Diversification. , 2011, , 193-219.		16
39	Paleoecology of Cambrian Reef Ecosystems. <i>Topics in Geobiology</i> , 2001, , 121-157.	0.5	16
40	Disaster microconchids from the uppermost Permian and Lower Triassic lacustrine strata of the Cis-Urals and the Tunguska and Kuznetsk basins (Russia). <i>Geological Magazine</i> , 2021, 158, 1335-1357.	1.5	15
41	Intraspecific variation in an Ediacaran skeletal metazoan: <i>Namacalathus</i> from the Nama Group, Namibia. <i>Geobiology</i> , 2017, 15, 81-93.	2.4	13
42	Calcaires À Archéocyathes du Cambrien inférieur du Nord de la Colombie britannique (Canada). Implications paléogéographiques et précisions sur l'extension du continent Américano-Koryakien. <i>Geobios</i> , 1993, 26, 643-683.	1.4	11
43	Comment: A new lower Cambrian shelly fossil biostratigraphy for South Australia by Marissa J. Betts, John R. Paterson, James B. Jago, Sarah M. Jacquet, Christian B. Skovsted, Timothy P. Topper & Glenn A. Brock. <i>Gondwana Research</i> , 2017, 44, 258-261.	6.0	11
44	A probable oligochaete from an Early Triassic Lagerstätte of the southern Cis-Urals and its evolutionary implications. <i>Acta Palaeontologica Polonica</i> , 0, 65, .	0.4	11
45	8. Biotic Diversity and Structure During the Neoproterozoic-Ordovician Transition. , 2000, , 173-199.		11
46	The oldest evidence of bioturbation on Earth: COMMENT. <i>Geology</i> , 2013, 41, e299-e299.	4.4	9
47	Tumulduria incompta and the case for Tommotian trilobites. <i>Lethaia</i> , 1987, 20, 361-370.	1.4	9
48	New Irregular Archaeocyath taxa. <i>Geobios</i> , 1990, 23, 299-305.	1.4	8
49	A synonymized nomenclature for calcified sponges. <i>Geological Magazine</i> , 1990, 127, 587-589.	1.5	8
50	Archaeocyatha from the Krol-Tal succession (Lesser Himalaya): an invalid record. <i>Geological Magazine</i> , 1990, 127, 361-362.	1.5	7
51	Etheridge collection: systematic revision of some of the first archaeocyaths discovered in Australia. <i>Alcheringa</i> , 1993, 17, 179-183.	1.2	7
52	The oldest mineralized bryozoan? A possible palaeostomate in the lower Cambrian of Nevada, USA. <i>Science Advances</i> , 2022, 8, eabm8465.	10.3	7
53	Vauxiids as descendants of archaeocyaths: a hypothesis. <i>Lethaia</i> , 2021, 54, 700-710.	1.4	6
54	Cambrian reefs in the lower Poleta Formation: a new occurrence of a thick archaeocyathan reef near Gold Point, Nevada, USA. <i>Facies</i> , 2021, 67, 1.	1.4	4

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55	New Cambrian archaeocyath taxa. <i>Geobios</i> , 2000, 33, 49-50.	1.4	3
56	<i>Tumulduria incomperta</i> and the case for Tommotian trilobites. <i>Lethaia</i> , 2007, 20, 361-370.	1.4	3
57	Comment on "An enigmatic, possibly chemosymbiotic, hexactinellid sponge from the early Cambrian of South China" by Joseph P. Botting, Lucy A. Muir, Xiang-Feng Li, and Jin-Pai Lin. <i>Acta Palaeontologica Polonica</i> , 2014, 59, 475-476.	0.4	2
58	The oldest Cambrian skeletal fossils of Spain (Cadenas Ib�ricas, Arag�n). <i>Geological Magazine</i> , 2018, 155, 1465-1474.	1.5	2