

Ann D Russell

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,638
citations

172457

29
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243625

44
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docs citations

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times ranked

3809
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of seasonal upwelling and runoff on water chemistry and growth and survival of native and commercial oysters. <i>Limnology and Oceanography</i> , 2020, 65, 224-235.	3.1	13
2	Heterotrophic Foraminifera Capable of Inorganic Nitrogen Assimilation. <i>Frontiers in Microbiology</i> , 2020, 11, 604979.	3.5	5
3	Constraining multiple controls on planktic foraminifera Mg/Ca. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 273, 116-136.	3.9	21
4	Submicron sodium banding in cultured planktic foraminifera shells. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 253, 127-141.	3.9	27
5	Ba/Ca ratios in the non-spinose planktic foraminifer <i>Neogloboquadrina dutertrei</i> : Evidence for an organic aggregate microhabitat. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 236, 361-372.	3.9	23
6	16S rRNA gene metabarcoding and TEM reveals different ecological strategies within the genus <i>Neogloboquadrina</i> (planktonic foraminifer). <i>PLoS ONE</i> , 2018, 13, e0191653.	2.5	32
7	Ocean acidification compromises a planktic calcifier with implications for global carbon cycling. <i>Scientific Reports</i> , 2017, 7, 2225.	3.3	36
8	Core-top calibration of B/Ca in Pacific Ocean <i>Neogloboquadrina incompta</i> and <i>Globigerina bulloides</i> as a surface water carbonate system proxy. <i>Earth and Planetary Science Letters</i> , 2017, 466, 139-151.	4.4	21
9	Relationships Between Temperature, pH, and Crusting on Mg/Ca Ratios in Laboratory-Grown <i>Neogloboquadrina</i> Foraminifera. <i>Paleoceanography</i> , 2017, 32, 1137-1152.	3.0	22
10	Link between light-triggered Mg-banding and chamber formation in the planktic foraminifera <i>Neogloboquadrina dutertrei</i> . <i>Nature Communications</i> , 2017, 8, 15441.	12.8	73
11	Persistent spatial structuring of coastal ocean acidification in the California Current System. <i>Scientific Reports</i> , 2017, 7, 2526.	3.3	146
12	Cyanobacterial endobionts within a major marine planktonic calcifier (<i>Globigerina) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i> 901-920.	3.3	42
13	Core Outcomes for Colorectal Cancer Surgery: A Consensus Study. <i>PLoS Medicine</i> , 2016, 13, e1002071.	8.4	82
14	Seasonality in planktic foraminifera of the central California coastal upwelling region. <i>Biogeosciences</i> , 2016, 13, 5139-5150.	3.3	10
15	Interacting environmental mosaics drive geographic variation in mussel performance and predation vulnerability. <i>Ecology Letters</i> , 2016, 19, 771-779.	6.4	118
16	Nighttime dissolution in a temperate coastal ocean ecosystem increases under acidification. <i>Scientific Reports</i> , 2016, 6, 22984.	3.3	49
17	Nanometer-Scale Chemistry of a Calcite Biomineralization Template: Implications for Skeletal Composition and Nucleation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12934-12939.	7.1	78
18	Evaluating chemical signatures in a coastal upwelling region to reconstruct water mass associations of settlement-stage rockfishes. <i>Marine Ecology - Progress Series</i> , 2016, 550, 191-206.	1.9	14

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19	Optimizing LA-ICP-MS analytical procedures for elemental depth profiling of foraminifera shells. <i>Chemical Geology</i> , 2015, 407-408, 2-9.	3.3	46
20	Ocean acidification research in the "post-genomic" era: Roadmaps from the purple sea urchin <i>Strongylocentrotus purpuratus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 185, 33-42.	1.8	18
21	Timing and mechanism for intratest Mg/Ca variability in a living planktic foraminifer. <i>Earth and Planetary Science Letters</i> , 2015, 409, 32-42.	4.4	113
22	Larval carry-over effects from ocean acidification persist in the natural environment. <i>Global Change Biology</i> , 2013, 19, 3317-3326.	9.5	75
23	The influence of salinity on Mg/Ca in planktic foraminifers " Evidence from cultures, core-top sediments and complementary $\delta^{18}O$. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 121, 196-213.	3.9	122
24	Effect of dissolved oxygen concentration on planktonic foraminifera through laboratory culture experiments and implications for oceanic anoxic events. <i>Marine Micropaleontology</i> , 2013, 101, 28-32.	1.2	24
25	Evolutionary change during experimental ocean acidification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6937-6942.	7.1	285
26	LA-ICP-MS depth profiling perspective on cleaning protocols for elemental analyses in planktic foraminifers. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2916-2931.	2.5	43
27	The elemental composition of purple sea urchin (<i>Strongylocentrotus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 504 <i>Biogeosciences, 2013, 10, 3465-3477.	3.3	24
28	The influence of food supply on the response of <i>Olympia</i> oyster larvae to ocean acidification. <i>Biogeosciences</i> , 2013, 10, 6629-6638.	3.3	62
29	Persistent carry-over effects of planktonic exposure to ocean acidification in the <i>Olympia</i> oyster. <i>Ecology</i> , 2012, 93, 2758-2768.	3.2	177
30	Functional impacts of ocean acidification in an ecologically critical foundation species. <i>Journal of Experimental Biology</i> , 2011, 214, 2586-2594.	1.7	204
31	Planktic foraminifers as recorders of seawater Ba/Ca. <i>Marine Micropaleontology</i> , 2011, 79, 52-57.	1.2	87
32	Interlaboratory comparison study of calibration standards for foraminiferal Mg/Ca thermometry. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	168
33	A Radiocarbon Chronology of Hunter-Gatherer Occupation from Bodega Bay, California, USA. <i>Radiocarbon</i> , 2005, 47, 265-293.	1.8	7
34	Interlaboratory comparison study of Mg/Ca and Sr/Ca measurements in planktonic foraminifera for paleoceanographic research. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, n/a-n/a.	2.5	170
35	Effects of seawater carbonate ion concentration and temperature on shell U, Mg, and Sr in cultured planktonic foraminifera. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 4347-4361.	3.9	366
36	The influence of symbiont photosynthesis on the boron isotopic composition of foraminifera shells. <i>Marine Micropaleontology</i> , 2003, 49, 87-96.	1.2	122

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37	Seasonal oxygen and carbon isotope variability in euthecosomatous pteropods from the Sargasso Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2003, 50, 231-245.	1.4	12
38	The behavior of redox-sensitive metals across a laminatedâ€“massiveâ€“laminated transition in Saanich Inlet, British Columbia. Marine Geology, 2001, 174, 341-354.	2.1	70
39	Trace metal evidence for changes in the redox environment associated with the transition from terrigenous clay to diatomaceous sediment, Saanich Inlet, BC. Marine Geology, 2001, 174, 355-369.	2.1	163
40	Field examination of the oceanic carbonate ion effect on stable isotopes in planktonic foraminifera. Paleoceanography, 2000, 15, 43-52.	3.0	44
41	Deconvolving Glacial Ocean Carbonate Chemistry from the Planktonic Foraminifera Carbon Isotope Record. , 1999, , 329-342.		17
42	Foraminiferal magnesium in <i>Globeriginoides sacculifer</i> as a paleotemperature proxy. Paleoceanography, 1998, 13, 161-169.	3.0	172
43	The use of foraminiferal uranium/calcium ratios as an indicator of changes in seawater uranium content. Paleoceanography, 1996, 11, 649-663.	3.0	35
44	Uranium in foraminiferal calcite as a recorder of seawater uranium concentrations. Geochimica Et Cosmochimica Acta, 1994, 58, 671-681.	3.9	175
45	Mechanisms leading to enrichment of the atmospheric fluorocarbons CCl ₃ F and CCl ₂ F ₂ in groundwater. Water Resources Research, 1983, 19, 57-60.	4.2	24