

Deborah Wall-Palmer

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

671
citations

567281

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h-index

610901

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35
all docs

35
docs citations

35
times ranked

804
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat flow in the Lesser Antilles island arc and adjacent back arc Grenada basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	80
2	Shelled pteropods in peril: Assessing vulnerability in a high CO2 ocean. <i>Earth-Science Reviews</i> , 2017, 169, 132-145.	9.1	78
3	Submarine record of volcanic island construction and collapse in the Lesser Antilles arc: First scientific drilling of submarine volcanic island landslides by IODP Expedition 340. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 420-442.	2.5	57
4	Toward a global reference database of COI barcodes for marine zooplankton. <i>Marine Biology</i> , 2021, 168, 1.	1.5	47
5	Diversity and abundance of pteropods and heteropods along a latitudinal gradient across the Atlantic Ocean. <i>Progress in Oceanography</i> , 2017, 158, 213-223.	3.2	39
6	Explosive volcanism as a cause for mass mortality of pteropods. <i>Marine Geology</i> , 2011, 282, 231-239.	2.1	32
7	The relationship between eruptive activity, flank collapse, and sea level at volcanic islands: A long-term (>1 Ma) record offshore Montserrat, Lesser Antilles. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2591-2611.	2.5	31
8	Pteropods from the Caribbean Sea: variations in calcification as an indicator of past ocean carbonate saturation. <i>Biogeosciences</i> , 2012, 9, 309-315.	3.3	30
9	A review of the ecology, palaeontology and distribution of atlantid heteropods (Caenogastropoda: Tj ETQq1 1 0.784314 rgBJ/Overlo	1.2	25
10	The origin and diversification of pteropods precede past perturbations in the Earth's carbon cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25609-25617.	7.1	25
11	Rapid onset of mafic magmatism facilitated by volcanic edifice collapse. <i>Geophysical Research Letters</i> , 2015, 42, 4778-4785.	4.0	24
12	Late Pleistocene stratigraphy of IODP Site U1396 and compiled chronology offshore of south and south west Montserrat, Lesser Antilles. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3000-3020.	2.5	23
13	Biogeography and genetic diversity of the atlantid heteropods. <i>Progress in Oceanography</i> , 2018, 160, 1-25.	3.2	21
14	In-life pteropod shell dissolution as an indicator of past ocean carbonate saturation. <i>Quaternary Science Reviews</i> , 2013, 81, 29-34.	3.0	20
15	Vertical distribution and diurnal migration of atlantid heteropods. <i>Marine Ecology - Progress Series</i> , 2018, 587, 1-15.	1.9	18
16	Permeability and pressure measurements in Lesser Antilles submarine slides: Evidence for pressure-driven slow slip failure. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 7986-8011.	3.4	16
17	Late Pleistocene pteropods, heteropods and planktonic foraminifera from the Caribbean Sea, Mediterranean Sea and Indian Ocean. <i>Micropaleontology</i> , 2014, 60, 557-558.	1.0	13
18	Effects of Ocean Acidification on Calcification of the Sub-Antarctic Pteropod <i>Limacina retroversa</i> . <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	12

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19	Evolution and biomineralization of pteropod shells. <i>Journal of Structural Biology</i> , 2021, 213, 107779.	2.8	11
20	New insights into landslide processes around volcanic islands from Remotely Operated Vehicle (ROV) observations offshore Montserrat. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2240-2261.	2.5	10
21	<i>Atlanta ariejansseni</i> , a new species of shelled heteropod from the Southern Subtropical Convergence Zone (Gastropoda, Pterotracheoidea). <i>ZooKeys</i> , 2016, 604, 13-30.	1.1	8
22	Fossil-calibrated molecular phylogeny of atlantid heteropods (Gastropoda, Pterotracheoidea). <i>BMC Evolutionary Biology</i> , 2020, 20, 124.	3.2	7
23	Evidence for the validity of <i>Protatlanta sculpta</i> (Gastropoda: Pterotracheoidea). <i>Contributions To Zoology</i> , 2016, 85, 423-435.	0.5	6
24	Relationship between shell integrity of pelagic gastropods and carbonate chemistry parameters at a Scottish Coastal Observatory monitoring site. <i>ICES Journal of Marine Science</i> , 2019, , .	2.5	5
25	Resolving species boundaries in the <i>Atlanta brunnea</i> species group (Gastropoda, Pterotracheoidea). <i>ZooKeys</i> , 2019, 899, 59-84.	1.1	5
26	The impacts of past, present and future ocean chemistry on predatory planktonic snails. <i>Royal Society Open Science</i> , 2021, 8, 202265.	2.4	4
27	Synthesis: stratigraphy and age control for IODP Sites U1394, U1395, and U1396 offshore Montserrat in the Lesser Antilles. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> , 0, , .	1.0	4
28	Some observations on the geological history of the holoplanktonic gastropods. <i>Proceedings of the Geologists Association</i> , 2020, 131, 443-449.	1.1	3
29	Transcriptomic Responses of Adult Versus Juvenile Atlantids to Ocean Acidification. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	2
30	Data report: the Late Quaternary fossil record of holoplanktonic gastropods at IODP Sites U1395 and U1394. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> , 0, , .	1.0	1