

Stephanie de Villiers

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5984682/publications.pdf>

Version: 2024-02-01

17
papers

1,129
citations

759233

12
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

1578
citing authors

#	ARTICLE	IF	CITATIONS
1	An intensity ratio calibration method for the accurate determination of Mg/Ca and Sr/Ca of marine carbonates by ICP-AES. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, n/a-n/a.	2.5	263
2	Seawater strontium and Sr/Ca variability in the Atlantic and Pacific oceans. <i>Earth and Planetary Science Letters</i> , 1999, 171, 623-634.	4.4	234
3	Multiple Organic Carbon Isotope Reversals across the Permo-Triassic Boundary of Terrestrial Gondwana Sequences: Clues to Extinction Patterns and Delayed Ecosystem Recovery. <i>Journal of Geology</i> , 2002, 110, 227-240.	1.4	144
4	Modelling the effect of evaporation on the salinity- ⁸⁷ Sr/ ⁸⁶ Sr relationship in modern and ancient marginal-marine systems: the Mediterranean Messinian Salinity Crisis. <i>Earth and Planetary Science Letters</i> , 2002, 203, 221-233.	4.4	90
5	The composition of the continental river weathering flux deduced from seawater Mg isotopes. <i>Chemical Geology</i> , 2005, 216, 133-142.	3.3	84
6	Optimum growth conditions as opposed to calcite saturation as a control on the calcification rate and shell-weight of marine foraminifera. <i>Marine Biology</i> , 2004, 144, 45-49.	1.5	62
7	Detection of Low-Temperature Hydrothermal Fluxes by Seawater Mg and Ca Anomalies. <i>Science</i> , 1999, 285, 721-723.	12.6	54
8	Foraminiferal shell-weight evidence for sedimentary calcite dissolution above the lysocline. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2005, 52, 671-680.	1.4	50
9	Quantification of microfibre levels in South Africa's beach sediments, and evaluation of spatial and temporal variability from 2016 to 2017. <i>Marine Pollution Bulletin</i> , 2018, 135, 481-489.	5.0	43
10	The nutrient characteristics of the Natal Bight, South Africa. <i>Journal of Marine Systems</i> , 2002, 35, 11-37.	2.1	42
11	Excess dissolved Ca in the deep ocean: a hydrothermal hypothesis. <i>Earth and Planetary Science Letters</i> , 1998, 164, 627-641.	4.4	40
12	Identification of sources of environmental lead in South Africa from surface soil geochemical maps. <i>Environmental Geochemistry and Health</i> , 2010, 32, 451-459.	3.4	12
13	Accelerated Contribution of the Paleo-Congo River to Global Seawater ⁸⁷ Sr/ ⁸⁶ Sr Change Following Eocene-Oligocene Collapse of the African Surface. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 1937-1953.	2.5	4
14	In situ measurement of the biogeochemical properties of Southern Ocean mesoscale eddies in the Southwest Indian Ocean, April 2014. <i>Earth System Science Data</i> , 2015, 7, 415-422.	9.9	4
15	Relation between Upwelling Intensity and the Variability of Physical and Chemical Parameters in the Southern Benguela Upwelling System. <i>International Journal of Oceanography</i> , 2015, 2015, 1-8.	0.2	2
16	Sources of river water radiogenic strontium: examples from the Achaean granite dominated catchments of Swaziland. <i>South African Journal of Geology</i> , 2007, 110, 349-366.	1.2	1
17	South Africa in the Antarctic Circumnavigation Expedition: A multi-institutional and interdisciplinary scientific project. <i>South African Journal of Science</i> , 2016, 112, 4.	0.7	0