

Sidonie Revillon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1614745/publications.pdf>

Version: 2024-02-01

37
papers

1,850
citations

331642

21
h-index

330122

37
g-index

49
all docs

49
docs citations

49
times ranked

2409
citing authors

#	ARTICLE	IF	CITATIONS
1	100,000 Years of African monsoon variability recorded in sediments of the Nile margin. <i>Quaternary Science Reviews</i> , 2010, 29, 1342-1362.	3.0	244
2	Lake Bourget regional erosion patterns reconstruction reveals Holocene NW European Alps soil evolution and paleohydrology. <i>Quaternary Science Reviews</i> , 2012, 51, 81-92.	3.0	152
3	186Osâ€™187Os systematics of Gorgona Island komatiites: implications for early growth of the inner core. <i>Earth and Planetary Science Letters</i> , 2003, 206, 411-426.	4.4	123
4	Pyrite sulfur isotopes reveal glacialâ€™interglacial environmental changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5941-5945.	7.1	121
5	Geochemical Study of Ultramafic Volcanic and Plutonic Rocks from Gorgona Island, Colombia: the Plumbing System of an Oceanic Plateau. <i>Journal of Petrology</i> , 2000, 41, 1127-1153.	2.8	119
6	Determination of Rare Earth Elements, Sc, Y, Zr, Ba, Hf and Th in Geological Samples by ICPâ€™MS after Tm Addition and Alkaline Fusion. <i>Geostandards and Geoanalytical Research</i> , 2009, 33, 51-62.	3.1	107
7	Human impact overwhelms long-term climate control of weathering and erosion in southwest China. <i>Geology</i> , 2015, 43, 439-442.	4.4	107
8	Erosion under climate and human pressures: An alpine lake sediment perspective. <i>Quaternary Science Reviews</i> , 2016, 152, 1-18.	3.0	106
9	A Complex History for the Caribbean Plateau: Petrology, Geochemistry, and Geochronology of the Beata Ridge, South Hispaniola. <i>Journal of Geology</i> , 2000, 108, 641-661.	1.4	75
10	History of Asian eolian input to the Sea of Japan since 15 Ma: Links to Tibetan uplift or global cooling?. <i>Earth and Planetary Science Letters</i> , 2017, 474, 296-308.	4.4	68
11	Does global warming favour the occurrence of extreme floods in European Alps? First evidences from a NW Alps proglacial lake sediment record. <i>Climatic Change</i> , 2012, 113, 563-581.	3.6	57
12	Growth and demise of Cenozoic isolated carbonate platforms: New insights from the Mozambique Channel seamounts (SW Indian Ocean). <i>Marine Geology</i> , 2016, 380, 90-105.	2.1	53
13	Petrogenesis of picrites from the Caribbean Plateau and the North Atlantic magmatic province. <i>Lithos</i> , 1999, 49, 1-21.	1.4	52
14	Ridgeâ€™hotspot interaction: the Pacificâ€™Antarctic Ridge and the foundation seamounts. <i>Marine Geology</i> , 1999, 160, 199-223.	2.1	42
15	Heterogeneity of the Caribbean plateau mantle source: Sr, O and He isotopic compositions of olivine and clinopyroxene from Gorgona Island. <i>Earth and Planetary Science Letters</i> , 2002, 205, 91-106.	4.4	42
16	The Pacific-Antarctic Ridgeâ€™Foundation hotspot interaction: a case study of a ridge approaching a hotspot. <i>Marine Geology</i> , 2000, 167, 61-84.	2.1	38
17	The provenance of sediments in the Gulf of Lions, western Mediterranean Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	37
18	Impact of tectonic and volcanism on the Neogene evolution of isolated carbonate platforms (SW Tj ETQq0 0 0 rgBT /Overlock 10 Tf 00	2.1	36

#	ARTICLE	IF	CITATIONS
19	Determining the inputs to the Mariana Subduction Factory: Using core-log integration to reconstruct basement lithology at ODP Hole 801C. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, 1-26.	2.5	34
20	Distinct control mechanism of fine-grained sediments from Yellow River and Kuyushu supply in the northern Okinawa Trough since the last glacial. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2949-2969.	2.5	30
21	The offshore east African rift system: new insights from the Sakalaves seamounts (Davie Ridge,). <i>Tectonophysics</i> , 2017, 687, 1-14.	2.1	29
22	An alternative approach using integrated gamma-ray and geochemical data to estimate the inputs to subduction zones from ODP Leg 185, Site 801. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, 1-22.	2.5	26
23	High-resolution neodymium characterization along the Mediterranean margins and modelling of $\mu\text{Nd}/\text{Nd}$ distribution in the Mediterranean basins. <i>Biogeosciences</i> , 2016, 13, 5259-5276.	3.3	23
24	Improvements in Digestion Protocols for Trace Element and Isotope Determinations in Stream and Lake Sediment Reference Materials (JSD-1, JSD-2, JSD-3, JLS-1 and LKSD-1). <i>Geostandards and Geoanalytical Research</i> , 2009, 33, 397-413.	3.1	20
25	Evidence of multiple evaporite recycling processes in a salt tectonic context, Sivas Basin, Turkey. <i>Terra Nova</i> , 2018, 30, 40-49.	2.1	17
26	Geochemical fluxes related to alteration of a subaerially exposed seamount: Nintoku seamount, ODP Leg 197, Site 1205. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	14
27	Paleoenvironmental evolution of South Asia and its link to Himalayan uplift and climatic change since the late Eocene. <i>Global and Planetary Change</i> , 2021, 200, 103459.	3.5	14
28	Sedimentological imprint on seafloor microbial communities in Western Mediterranean Sea Quaternary sediments. <i>Biogeosciences</i> , 2012, 9, 3491-3512.	3.3	12
29	Contrasted hydrothermal activity along the Southeast Indian Ridge (130°E–140°E): From crustal to ultramafic circulation. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2446-2458.	2.5	9
30	The Limpopo Magma-Rich Transform Margin, South Mozambique “2: Implications for the Gondwana Breakup. <i>Tectonics</i> , 2021, 40, e2021TC006914.	2.8	9
31	Quaternary sedimentary record in the northern Okinawa Trough indicates the tectonic control on depositional environment change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 516, 126-138.	2.3	8
32	Organic matter isotopes reveal enhanced rainfall activity in Northwestern Mediterranean borderland during warm substages of the last 200 kyr. <i>Quaternary Science Reviews</i> , 2019, 205, 182-192.	3.0	6
33	Young Marquesas volcanism finally located. <i>Lithos</i> , 2017, 294-295, 356-361.	1.4	5
34	Quantifying Biogenic Versus Detrital Carbonates on Marine Shelf: An Isotopic Approach. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	4
35	A Geochemical Approach to Improve Radiocarbon-Based Age-Depth Models in Non-laminated Sediment Series. <i>Developments in Paleoenvironmental Research</i> , 2015, , 459-472.	8.0	3
36	Records of Holocene climatic fluctuations and anthropogenic lead input in elemental distribution and radiogenic isotopes (Nd and Pb) in sediments of the Gulf of Lions (Southern France). <i>Holocene</i> , 2019, 29, 1292-1304.	1.7	2

#	ARTICLE	IF	CITATIONS
37	Gondwana break-up controlled by tectonic inheritance and mantle plume activity: Insights from Natal rift development (South Mozambique, Africa). Terra Nova, 2022, 34, 290-304.	2.1	2