Sergio Ando'

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4037637/publications.pdf

Version: 2024-02-01

38 papers	2,568 citations	361413 20 h-index	330143 37 g-index
45 all docs	45 docs citations	45 times ranked	2219 citing authors

#	Article	IF	Citations
1	Detrital orthopyroxene as a tracer of geodynamic setting:. Chemical Geology, 2022, 596, 120809.	3.3	9
2	Soil-formation in the central Mediterranean: Insight from heavy minerals. Catena, 2021, 197, 104998.	5.0	10
3	Provenance of Neogene sandstones in western Taiwan traced with garnet geochemistry and zircon geochronology. Basin Research, 2021, 33, 2069-2088.	2.7	7
4	Giant dust particles at Nevado Illimani: a proxy of summertime deep convection over the Bolivian Altiplano. Cryosphere, 2021, 15, 1383-1397.	3.9	5
5	Climatic Forcing of Plioâ€Pleistocene Formation of the Modern Limpopo River, South Africa. Geophysical Research Letters, 2021, 48, e2021GL093887.	4.0	5
6	A multidisciplinary approach for the quantitative provenance analysis of siltstone: Mesozoic Mandawa Basin, southeastern Tanzania. Geological Society Special Publication, 2020, 484, 275-293.	1.3	12
7	Geological and soil maps of the Palaeo-Agulhas Plain for the Last Glacial Maximum. Quaternary Science Reviews, 2020, 235, 105858.	3.0	42
8	Integrating heavy-mineral, geochemical and biomarker analyses of Plio-Pleistocene sandy and silty turbidites: a novel approach for provenance studies (Indus Fan, IODP Expedition 355). Geological Magazine, 2020, 157, 929-938.	1.5	19
9	Provenance of Cenozoic Indus Fan Sediments (IODP Sites U1456 and U1457). Journal of Sedimentary Research, 2020, 90, 1114-1127.	1.6	12
10	Comparability of heavy mineral data â€“ The first interlaboratory round robin test. Earth-Science Reviews, 2020, 211, 103210.	9.1	16
11	Editorial for Special Issue â€œHeavy Mineralsâ€• Minerals (Basel, Switzerland), 2020, 10, 356.	2.0	0
12	Gravimetric Separation of Heavy Minerals in Sediments and Rocks. Minerals (Basel, Switzerland), 2020, 10, 273.	2.0	37
13	Multimineral Fingerprinting of Transhimalayan and Himalayan Sources of Indus-Derived Thal Desert Sand (Central Pakistan). Minerals (Basel, Switzerland), 2019, 9, 457.	2.0	15
14	Provenance of Bengal Shelf Sediments: 2. Petrology and Geochemistry of Sand. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	2.0	23
15	Evolution of the Upper Yellow River as Revealed by Changes in Heavy-Mineral and Geochemical (REE) Signatures of Fluvial Terraces (Lanzhou, China). Minerals (Basel, Switzerland), 2019, 9, 603.	2.0	7
16	Composition of Amphiboles in the Tremoliteâ€“Ferroâ€“Actinolite Series by Raman Spectroscopy. Minerals (Basel, Switzerland), 2019, 9, 491.	2.0	11
17	Provenance of Bengal Shelf Sediments: 1. Mineralogy and Geochemistry of Silt. Minerals (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	17
18	Heavy Minerals for Junior Woodchucks. Minerals (Basel, Switzerland), 2019, 9, 148.	2.0	103

#	Article	IF	Citations
19	Dynamic uplift, recycling, and climate control on the petrology of passive-margin sand (Angola). Sedimentary Geology, 2018, 375, 86-104.	2.1	43
20	Using Fourier transform infrared spectroscopy to determine mineral phases in sediments. Sedimentary Geology, 2018, 375, 27-35.	2.1	35
21	Application of Tip-Enhanced Raman Spectroscopy for the nanoscale characterization of flooded chalk. Journal of Applied Physics, 2018, 124, .	2.5	6
22	Quick, Easy, and Economic Mineralogical Studies of Flooded Chalk for EOR Experiments Using Raman Spectroscopy. Minerals (Basel, Switzerland), 2018, 8, 221.	2.0	14
23	The Provenance of Terrigenous Components in Marine Sediments Along the East Coast of Southern Africa. Geochemistry, Geophysics, Geosystems, 2018, 19, 1946-1962.	2.5	13
24	Raman spectroscopy as a tool for magnesium estimation in Mgâ€calcite. Journal of Raman Spectroscopy, 2017, 48, 983-992.	2.5	59
25	Causes of dust size variability in central East Antarctica (Dome B): Atmospheric transport from expanded South American sources duringÂMarine Isotope Stage 2. Quaternary Science Reviews, 2017, 168, 55-68.	3.0	46
26	Southern Hemisphere anticyclonic circulation drives oceanic and climatic conditions in late Holocene southernmost Africa. Climate of the Past, 2017, 13, 649-665.	3.4	28
27	Loess Plateau storage of Northeastern Tibetan Plateau-derived Yellow River sediment. Nature Communications, 2015, 6, 8511.	12.8	283
28	Provenance of Passive-Margin Sand (Southern Africa). Journal of Geology, 2014, 122, 17-42.	1.4	103
29	Raman spectroscopy in heavy-mineral studies. Geological Society Special Publication, 2014, 386, 395-412.	1.3	66
30	Corrosion of heavy minerals during weathering and diagenesis: A catalog for optical analysis. Sedimentary Geology, 2012, 280, 165-178.	2.1	163
31	Mineralogical and chemical variability of fluvial sediments 2. Suspended-load silt (Gangaâ€“Brahmaputra, Bangladesh). Earth and Planetary Science Letters, 2011, 302, 107-120.	4.4	296
32	Raman counting: a new method to determine provenance of silt. Rendiconti Lincei, 2011, 22, 327-347.	2.2	22
33	Mineralogical and chemical variability of fluvial sediments1. Bedload sand (Gangaâ€“Brahmaputra,) Tj ETQq1 1 0.784314 rgBT /Overlo	4.4	230
34	Grain-size dependence of sediment composition and environmental bias in provenance studies. Earth and Planetary Science Letters, 2009, 277, 422-432.	4.4	281
35	Optically stimulated luminescence dating of a stratigraphic Late Glacialâ€“Holocene sequence in the Po plain (Bubano quarry, Bologna, Italy). Quaternary International, 2009, 199, 45-55.	1.5	3
36	Settling equivalence of detrital minerals and grain-size dependence of sediment composition. Earth and Planetary Science Letters, 2008, 273, 138-151.	4.4	229

#	Article	IF	Citations
37	Chapter 20 Heavy Mineral Concentration in Modern Sands: Implications for Provenance Interpretation. Developments in Sedimentology, 2007, , 517-545.	0.5	167
38	Petrology of Indus River sands: a key to interpret erosion history of the Western Himalayan Syntaxis. Earth and Planetary Science Letters, 2005, 229, 287-302.	4.4	128