LoÃ¿c C Vanderkluysen

List of Publications by Year
in descending order

22 papers	1,310 citations	471509 17 h-index	677142 22 g-index
27 all docs	27 docs citations	27 times ranked	1244 citing authors

#	Article	IF	Citations
1	Toward Understanding Deccan Volcanism. Annual Review of Earth and Planetary Sciences, 2022, 50, 477-506.	11.0	10
2	The Stability and Collapse of Lava Domes: Insight From Photogrammetry and Slope Stability Models Applied to Sinabung Volcano (Indonesia). Frontiers in Earth Science, 2022, 10, .	1.8	7
3	Reconciling early Deccan Traps CO ₂ outgassing and pre-KPB global climate. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	28
4	No Cretaceousâ€Paleogene Boundary in Exposed Rajahmundry Traps: A Refined Chronology of the Longest Deccan Lava Flows From ⁴⁰Ar/³⁹Ar Dates, Magnetostratigraphy, and Biostratigraphy. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009149.	2.5	20
5	The eruptive tempo of Deccan volcanism in relation to the Cretaceous-Paleogene boundary. Science, 2019, 363, 866-870.	12.6	254
6	Mechanisms of lava flow emplacement during an effusive eruption of Sinabung Volcano (Sumatra,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	10
7	The emplacement of the active lava flow at Sinabung Volcano, Sumatra, Indonesia, documented by structure-from-motion photogrammetry. Journal of Volcanology and Geothermal Research, 2019, 382, 164-172.	2.1	28
8	Geochemistry and ⁴⁰Ar/³⁹Ar geochronology of the Nandurbarâ€Dhule mafic dyke swarm: Dykeâ€sillâ€flow correlations and stratigraphic development across the Deccan flood basalt province. Geological Journal, 2019, 54, 157-176.	1.3	29
9	Measuring Water Vapor and Ash in Volcanic Eruptions With a Millimeter-Wave Radar/Imager. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3177-3185.	6.3	11
10	The role of unsteady effusion rates on inflation in long-lived lava flow fields. Earth and Planetary Science Letters, 2017, 477, 73-83.	4.4	19
11	The 2006 lava dome eruption of Merapi Volcano (Indonesia): Detailed analysis using MODIS TIR. Journal of Volcanology and Geothermal Research, 2016, 311, 60-71.	2.1	27
12	Triggering of the largest Deccan eruptions by the Chicxulub impact. Bulletin of the Geological Society of America, 2015, 127, 1507-1520.	3.3	149
13	State shift in Deccan volcanism at the Cretaceous-Paleogene boundary, possibly induced by impact. Science, 2015, 350, 76-78.	12.6	300
14	Sr, Nd and Pb isotopic and chemical compositions of central Deccan Traps lavas and relation to southwestern Deccan stratigraphy. Journal of Asian Earth Sciences, 2014, 84, 83-94.	2.3	27
15	Louisville Seamount Chain: Petrogenetic processes and geochemical evolution of the mantle source. Geochemistry, Geophysics, Geosystems, 2014, 15, 2380-2400.	2.5	42
16	Composition and flux of explosive gas release at LUSI mud volcano (<scp>E</scp>ast <scp>J</scp>ava,) Tj ETQq0 0 0 rgBT /Overlock 10	2.5	28
17	Bombs behaving badly: unexpected trajectories and cooling of volcanic projectiles. Bulletin of Volcanology, 2012, 74, 1849-1858.	3.0	35
18	Correction to â€œLithospheric control on geochemical composition along the Louisville Seamount Chainâ€• Geochemistry, Geophysics, Geosystems, 2012, 13, n/a-n/a.	2.5	0

#	Article	IF	Citations
19	Lithospheric control on geochemical composition along the Louisville Seamount Chain. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	46
20	The Feeder System of the Deccan Traps (India): Insights from Dike Geochemistry. Journal of Petrology, 2011, 52, 315-343.	2.8	113
21	Geology and geochemistry of Pachmarhi dykes and sills, Satpura Gondwana Basin, central India: problems of dyke-sill-flow correlations in the Deccan Traps. Contributions To Mineralogy and Petrology, 2009, 158, 357-380.	3.1	54
22	Highly heterogeneous Precambrian basement under the central Deccan Traps, India: Direct evidence from xenoliths in dykes. Gondwana Research, 2008, 13, 375-385.	6.0	69