

# Loïc C Vanderkluysen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1563269/publications.pdf>

Version: 2024-02-01

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	State shift in Deccan volcanism at the Cretaceous-Paleogene boundary, possibly induced by impact. <i>Science</i> , 2015, 350, 76-78.	12.6	300
2	The eruptive tempo of Deccan volcanism in relation to the Cretaceous-Paleogene boundary. <i>Science</i> , 2019, 363, 866-870.	12.6	254
3	Triggering of the largest Deccan eruptions by the Chicxulub impact. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 1507-1520.	3.3	149
4	The Feeder System of the Deccan Traps (India): Insights from Dike Geochemistry. <i>Journal of Petrology</i> , 2011, 52, 315-343.	2.8	113
5	Highly heterogeneous Precambrian basement under the central Deccan Traps, India: Direct evidence from xenoliths in dykes. <i>Gondwana Research</i> , 2008, 13, 375-385.	6.0	69
6	Geology and geochemistry of Pachmarhi dykes and sills, Satpura Gondwana Basin, central India: problems of dyke-sill-flow correlations in the Deccan Traps. <i>Contributions To Mineralogy and Petrology</i> , 2009, 158, 357-380.	3.1	54
7	Lithospheric control on geochemical composition along the Louisville Seamount Chain. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	46
8	Louisville Seamount Chain: Petrogenetic processes and geochemical evolution of the mantle source. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2380-2400.	2.5	42
9	Bombs behaving badly: unexpected trajectories and cooling of volcanic projectiles. <i>Bulletin of Volcanology</i> , 2012, 74, 1849-1858.	3.0	35
10	Geochemistry and $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology of the Nandurbar-Dhule mafic dyke swarm: Dyke-sill-flow correlations and stratigraphic development across the Deccan flood basalt province. <i>Geological Journal</i> , 2019, 54, 157-176.	1.3	29
11	Composition and flux of explosive gas release at LUSI mud volcano (Java), <a href="#">Tj ETQq1 1,0784314,rgBT /Ove</a>	2.5	28
12	The emplacement of the active lava flow at Sinabung Volcano, Sumatra, Indonesia, documented by structure-from-motion photogrammetry. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 382, 164-172.	2.1	28
13	Reconciling early Deccan Traps CO <sub>2</sub> outgassing and pre-KPB global climate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	28
14	Sr, Nd and Pb isotopic and chemical compositions of central Deccan Traps lavas and relation to southwestern Deccan stratigraphy. <i>Journal of Asian Earth Sciences</i> , 2014, 84, 83-94.	2.3	27
15	The 2006 lava dome eruption of Merapi Volcano (Indonesia): Detailed analysis using MODIS TIR. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 311, 60-71.	2.1	27
16	No Cretaceous-Paleogene Boundary in Exposed Rajahmundry Traps: A Refined Chronology of the Longest Deccan Lava Flows From $^{40}\text{Ar}/^{39}\text{Ar}$ Dates, Magnetostratigraphy, and Biostratigraphy. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009149.	2.5	20
17	The role of unsteady effusion rates on inflation in long-lived lava flow fields. <i>Earth and Planetary Science Letters</i> , 2017, 477, 73-83.	4.4	19
18	Measuring Water Vapor and Ash in Volcanic Eruptions With a Millimeter-Wave Radar/Imager. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 3177-3185.	6.3	11

#	ARTICLE	IF	CITATIONS
19	Mechanisms of lava flow emplacement during an effusive eruption of Sinabung Volcano (Sumatra,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	10
20	Toward Understanding Deccan Volcanism. Annual Review of Earth and Planetary Sciences, 2022, 50, 477-506.	11.0	10
21	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
22	Correction to "Lithospheric control on geochemical composition along the Louisville Seamount Chain". Geochemistry, Geophysics, Geosystems, 2012, 13, n/a-n/a.	2.5	0