

Christian Timm

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,280
citations

394421

19
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1148
citing authors

#	ARTICLE	IF	CITATIONS
1	Cenozoic intraplate volcanism on New Zealand: Upwelling induced by lithospheric removal. <i>Earth and Planetary Science Letters</i> , 2006, 248, 350-367.	4.4	172
2	High-level stratigraphic scheme for New Zealand rocks. <i>New Zealand Journal of Geology, and Geophysics</i> , 2014, 57, 402-419.	1.8	159
3	Temporal and geochemical evolution of the Cenozoic intraplate volcanism of Zealandia. <i>Earth-Science Reviews</i> , 2010, 98, 38-64.	9.1	129
4	Age and geochemistry of the oceanic Manihiki Plateau, SW Pacific: New evidence for a plume origin. <i>Earth and Planetary Science Letters</i> , 2011, 304, 135-146.	4.4	99
5	Geochemical Evolution of Intraplate Volcanism at Banks Peninsula, New Zealand: Interaction Between Asthenospheric and Lithospheric Melts. <i>Journal of Petrology</i> , 2009, 50, 989-1023.	2.8	74
6	Sources of Chalcophile and Siderophile Elements in Kermadec Arc Lavas. <i>Economic Geology</i> , 2012, 107, 1527-1538.	3.8	56
7	Late Cretaceous oceanic plate reorganization and the breakup of Zealandia and Gondwana. <i>Gondwana Research</i> , 2019, 65, 31-42.	6.0	51
8	Louisville seamount subduction and its implication on mantle flow beneath the central Tonga–Kermadec arc. <i>Nature Communications</i> , 2013, 4, 1720.	12.8	49
9	Subduction of the oceanic Hikurangi Plateau and its impact on the Kermadec arc. <i>Nature Communications</i> , 2014, 5, 4923.	12.8	45
10	Early evolution of a young back-arc basin in the Havre Trough. <i>Nature Geoscience</i> , 2019, 12, 856-862.	12.9	42
11	Regional volcanism of northern Zealandia: post-Gondwana break-up magmatism on an extended, submerged continent. <i>Geological Society Special Publication</i> , 2018, 463, 199-226.	1.3	39
12	The Anatomy of a Buried Submarine Hydrothermal System, Clark Volcano, Kermadec Arc, New Zealand. <i>Economic Geology</i> , 2014, 109, 2261-2292.	3.8	38
13	Tools and techniques for developing tephra stratigraphies in lake cores: A case study from the basaltic Auckland Volcanic Field, New Zealand. <i>Quaternary Science Reviews</i> , 2015, 123, 58-75.	3.0	36
14	Submarine Magmatic-Hydrothermal Systems at the Monowai Volcanic Center, Kermadec Arc. <i>Economic Geology</i> , 2012, 107, 1669-1694.	3.8	33
15	Interpretation of gravity and magnetic anomalies at Lake Rotomahana: Geological and hydrothermal implications. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 314, 84-94.	2.1	33
16	Crustal structure of the Kermadec arc from MANGO seismic refraction profiles. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 7514-7546.	3.4	29
17	Geochemical evolution of Monowai volcanic center: New insights into the northern Kermadec arc subduction system, SW Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	2.5	26
18	Late Cretaceous (99-69 Ma) basaltic intraplate volcanism on and around Zealandia: Tracing upper mantle geodynamics from Hikurangi Plateau collision to Gondwana breakup and beyond. <i>Earth and Planetary Science Letters</i> , 2020, 529, 115864.	4.4	26

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19	Multi-criteria correlation of tephra deposits to source centres applied in the Auckland Volcanic Field, New Zealand. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	3.0	23
20	Geology, Hydrothermal Activity, and Sea-Floor Massive Sulfide Mineralization at the Rumble II West Mafic Caldera. <i>Economic Geology</i> , 2012, 107, 1649-1668.	3.8	21
21	Cretaceous intracontinental rifting at the southern Chatham Rise margin and initialisation of seafloor spreading between Zealandia and Antarctica. <i>Tectonophysics</i> , 2020, 776, 228298.	2.2	19
22	Trench-perpendicular Geochemical Variation Between two Adjacent Kermadec Arc Volcanoes Rumble II East and West: the Role of the Subducted Hikurangi Plateau in Element Recycling in Arc Magmas. <i>Journal of Petrology</i> , 2016, 57, 1335-1360.	2.8	15
23	New Age and Geochemical Data from the Southern Colville and Kermadec Ridges, SW Pacific: Insights into the recent geological history and petrogenesis of the Proto-Kermadec (Vitiaz) Arc. <i>Gondwana Research</i> , 2019, 72, 169-193.	6.0	15
24	Os isotopic constraints on crustal contamination in Auckland Volcanic Field basalts, New Zealand. <i>Chemical Geology</i> , 2016, 439, 83-97.	3.3	12
25	The geochemistry and petrogenesis of Carnley Volcano, Auckland Islands, SW Pacific. <i>New Zealand Journal of Geology, and Geophysics</i> , 2018, 61, 480-497.	1.8	12
26	Basalt Geochemistry and Mantle Flow During Early Backarc Basin Evolution: Havre Trough and Kermadec Arc, Southwest Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009339.	2.5	10
27	Hikurangi Plateau subduction a trigger for Vitiaz arc splitting and Havre Trough opening (southwestern Pacific). <i>Geology</i> , 2021, 49, 536-540.	4.4	9
28	Ar-Ar age constraints on the timing of Havre Trough opening and magmatism. <i>New Zealand Journal of Geology, and Geophysics</i> , 2019, 62, 371-377.	1.8	8