

Folkmar Hauff

List of Publications by Year in descending order

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150
papers

6,394
citations

53660

45
h-index

82410

72
g-index

155
all docs

155
docs citations

155
times ranked

4296
citing authors

#	ARTICLE	IF	CITATIONS
1	Sr-Nd-Pb composition of Mesozoic Pacific oceanic crust (Site 1149 and 801, ODP Leg 185): Implications for alteration of ocean crust and the input into the Izu-Bonin-Mariana subduction system. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	1.0	206
2	Arc-parallel flow in the mantle wedge beneath Costa Rica and Nicaragua. <i>Nature</i> , 2008, 451, 1094-1097.	13.7	201
3	Missing history (16–71 Ma) of the Galápagos hotspot: Implications for the tectonic and biological evolution of the Americas. <i>Geology</i> , 2002, 30, 795.	2.0	178
4	Cenozoic intraplate volcanism on New Zealand: Upwelling induced by lithospheric removal. <i>Earth and Planetary Science Letters</i> , 2006, 248, 350-367.	1.8	172
5	Combined Trace Element and Pb-Nd-Sr-O Isotope Evidence for Recycled Oceanic Crust (Upper and) Tj ETQq1 1 0.784314 rgBT /Overl	1.1	159
6	Age and geochemistry of basaltic complexes in western Costa Rica: Contributions to the geotectonic evolution of Central America. <i>Geochemistry, Geophysics, Geosystems</i> , 2000, 1, .	1.0	152
7	Large volume recycling of oceanic lithosphere over short time scales: geochemical constraints from the Caribbean Large Igneous Province. <i>Earth and Planetary Science Letters</i> , 2000, 174, 247-263.	1.8	140
8	Age and geochemistry of volcanic rocks from the Hikurangi and Manihiki oceanic Plateaus. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 7196-7219.	1.6	140
9	70 m.y. history (139–69 Ma) for the Caribbean large igneous province. <i>Geology</i> , 2004, 32, 697.	2.0	138
10	Temporal and geochemical evolution of the Cenozoic intraplate volcanism of Zealandia. <i>Earth-Science Reviews</i> , 2010, 98, 38-64.	4.0	129
11	Flow of Canary mantle plume material through a subcontinental lithospheric corridor beneath Africa to the Mediterranean. <i>Geology</i> , 2009, 37, 283-286.	2.0	123
12	Plume–subduction interaction in southern Central America: Mantle upwelling and slab melting. <i>Lithos</i> , 2011, 121, 117-134.	0.6	116
13	How and when plume zonation appeared during the 132–%Myr evolution of the Tristan Hotspot. <i>Nature Communications</i> , 2015, 6, 7799.	5.8	116
14	Geodynamic evolution of the Galápagos hot spot system (Central East Pacific) over the past 20 m.y.: Constraints from morphology, geochemistry, and magnetic anomalies. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	1.0	109
15	Across-arc geochemical variations in the Southern Volcanic Zone, Chile (34.5–38.0°S): Constraints on mantle wedge and slab input compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 218-243.	1.6	105
16	Enriched, HIMU-type peridotite and depleted recycled pyroxenite in the Canary plume: A mixed-up mantle. <i>Earth and Planetary Science Letters</i> , 2009, 277, 514-524.	1.8	104
17	Calcium Isotopes ($^{44}\text{Ca}/^{40}\text{Ca}$) in MPIÄNDING Reference Glasses, USGS Rock Powders and Various Rocks: Evidence for Ca Isotope Fractionation in Terrestrial Silicates. <i>Geostandards and Geoanalytical Research</i> , 2009, 33, 231-247.	1.7	103
18	Major, trace element and Nd–Sr–Pb–O–He–Ar isotope signatures of shield stage lavas from the central and western Canary Islands: Insights into mantle and crustal processes. <i>Chemical Geology</i> , 2006, 233, 75-112.	1.4	101

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19	Origin of Indian Ocean Seamount Province by shallow recycling of continental lithosphere. <i>Nature Geoscience</i> , 2011, 4, 883-887.	5.4	99
20	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.	1.8	99
21	Evidence for an age progression along the Tristan-Gough volcanic track from new $^{40}\text{Ar}/^{39}\text{Ar}$ ages on phenocryst phases. <i>Tectonophysics</i> , 2013, 604, 60-71.	0.9	96
22	Geochemical zonation of the Miocene Alborán Basin volcanism (westernmost Mediterranean): geodynamic implications. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 577-593.	1.2	95
23	Galapagos OIB signature in southern Central America: Mantle refertilization by arc "hot spot interaction. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	94
24	Continental crust generated in oceanic arcs. <i>Nature Geoscience</i> , 2015, 8, 321-327.	5.4	94
25	Calcium isotope ($^{44}\text{Ca}/^{40}\text{Ca}$) fractionation along hydrothermal pathways, Logatchev field (Mid-Atlantic) Tj ETQq1 1 0.784314 ggBT / Over	1.6	85
26	Basalts erupted along the Tongan fore arc during subduction initiation: Evidence from geochronology of dredged rocks from the Tonga fore arc and trench. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	85
27	A Mid Cretaceous origin for the Galapagos hotspot: volcanological, petrological and geochemical evidence from Costa Rican oceanic crustal segments. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1997, 86, 141-155.	1.3	82
28	New constraints on the age and evolution of the Wishbone Ridge, southwest Pacific Cretaceous microplates, and Zealandia "West Antarctica breakup. <i>Geology</i> , 2006, 34, 185.	2.0	82
29	Transition from arc to oceanic magmatism at the Kamchatka-Aleutian junction. <i>Geology</i> , 2005, 33, 25.	2.0	81
30	On- and off-axis chemical heterogeneities along the South Atlantic Mid-Ocean-Ridge (5 " 11 " S): Shallow or deep recycling of ocean crust and/or intraplate volcanism?. <i>Earth and Planetary Science Letters</i> , 2011, 306, 86-97.	1.8	80
31	Magma genesis by rifting of oceanic lithosphere above anomalous mantle: Terceira Rift, Azores. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	78
32	70 Ma chemical zonation of the Tristan-Gough hotspot track. <i>Geology</i> , 2013, 41, 335-338.	2.0	72
33	A stable (Li, O) and radiogenic (Sr, Nd) isotope perspective on metasomatic processes in a subducting slab. <i>Chemical Geology</i> , 2011, 281, 151-166.	1.4	70
34	Magma storage and ascent during the 1995 eruption of Fogo, Cape Verde Archipelago. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 751-772.	1.2	70
35	Osborn Trough: Structure, geochemistry and implications of a mid-Cretaceous paleospreading ridge in the South Pacific. <i>Earth and Planetary Science Letters</i> , 2006, 245, 685-701.	1.8	64
36	Tracing the effects of high-pressure metasomatic fluids and seawater alteration in blueschist-facies overprinted eclogites: Implications for subduction channel processes. <i>Chemical Geology</i> , 2012, 292-293, 69-87.	1.4	64

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37	Upwelling and melting of the Iceland plume from radial variation of ^{238}U – ^{230}Th disequilibria in postglacial volcanic rocks. <i>Earth and Planetary Science Letters</i> , 2003, 214, 167-186.	1.8	63
38	Age and Geochemistry of the Central American Forearc Basement (DSDP Leg 67 and 84): Insights into Mesozoic Arc Volcanism and Seamount Accretion on the Fringe of the Caribbean LIP. <i>Journal of Petrology</i> , 2008, 49, 1781-1815.	1.1	53
39	Geochemistry of the late Holocene rocks from the Tolbachik volcanic field, Kamchatka: Quantitative modelling of subduction-related open magmatic systems. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 307, 133-155.	0.8	53
40	Hafnium isotopic variations in volcanic rocks from the Caribbean Large Igneous Province and Galápagos hot spot tracks. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	1.0	52
41	Olivine Major and Trace Element Compositions in Southern Payenia Basalts, Argentina: Evidence for Pyroxenite–Peridotite Melt Mixing in a Back-arc Setting. <i>Journal of Petrology</i> , 2015, 56, 1495-1518.	1.1	51
42	Geochemical approaches to the quantification of dispersed volcanic ash in marine sediment. <i>Progress in Earth and Planetary Science</i> , 2016, 3, .	1.1	51
43	Petrogenesis of the Eocene Tamazert Continental Carbonatites (Central High Atlas, Morocco): Implications for a Common Source for the Tamazert and Canary and Cape Verde Island Carbonatites. <i>Journal of Petrology</i> , 2010, 51, 1655-1686.	1.1	50
44	Subduction initiation terranes exposed at the front of a 2 Ma volcanically-active subduction zone. <i>Earth and Planetary Science Letters</i> , 2019, 508, 30-40.	1.8	49
45	Morphological and geochemical variations along the eastern Galápagos Spreading Center. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	1.0	48
46	Mid-Cretaceous Hawaiian tholeiites preserved in Kamchatka. <i>Geology</i> , 2008, 36, 903.	2.0	48
47	Source components of the Gran Canaria (Canary Islands) shield stage magmas: evidence from olivine composition and Sr–Nd–Pb isotopes. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 689-702.	1.2	47
48	Plume–ridge interaction studied at the Galápagos spreading center: Evidence from ^{226}Ra – ^{230}Th – ^{238}U and ^{231}Pa – ^{235}U isotopic disequilibria. <i>Earth and Planetary Science Letters</i> , 2005, 234, 165-187.	1.8	45
49	Subduction of the oceanic Hikurangi Plateau and its impact on the Kermadec arc. <i>Nature Communications</i> , 2014, 5, 4923.	5.8	45
50	Melts of sediments in the mantle wedge of the Oman ophiolite. <i>Geology</i> , 2015, 43, 275-278.	2.0	45
51	Continuation of the New England Orogen, Australia, beneath the Queensland Plateau and Lord Howe Rise. <i>Australian Journal of Earth Sciences</i> , 2008, 55, 195-209.	0.4	40
52	Global distribution of the HIMU end member: Formation through Archean plume-lid tectonics. <i>Earth-Science Reviews</i> , 2018, 182, 85-101.	4.0	40
53	New age and geochemical data from the Walvis Ridge: The temporal and spatial diversity of South Atlantic intraplate volcanism and its possible origin. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 245, 16-34.	1.6	40
54	Hydrothermal activity and magma genesis along a propagating back-arc basin: Valu Fa Ridge (southern) Tj ETQq0 0,0,rgBT /Overlock 10	3.3	39

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55	Along and across arc geochemical variations in NW Central America: Evidence for involvement of lithospheric pyroxenite. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 84, 459-491.	1.6	39
56	Seamounts off the West Antarctic margin: A case for non-hotspot driven intraplate volcanism. <i>Gondwana Research</i> , 2014, 25, 1660-1679.	3.0	38
57	Deformation-related volcanism in the Pacific Ocean linked to the Hawaiian "Emperor bend. <i>Nature Geoscience</i> , 2015, 8, 393-397.	5.4	38
58	Constraints on the magmatic evolution of the oceanic crust from plagiogranite intrusions in the Oman ophiolite. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	37
59	Boninite-like intraplate magmas from Manihiki Plateau require ultra-depleted and enriched source components. <i>Nature Communications</i> , 2017, 8, 14322.	5.8	37
60	Geochemistry of primitive lavas of the Central Kamchatka Depression: Magma generation at the edge of the Pacific Plate. <i>Geophysical Monograph Series</i> , 2007, , 199-239.	0.1	36
61	Regional-scale input of dispersed and discrete volcanic ash to the <sc>I</sc>-<sc>B</sc>onin and <sc>M</sc>-<sc>ariana</sc> subduction zones. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 4369-4379.	1.0	35
62	Time-scales for magmatic differentiation at the Snaefellsjökull central volcano, western Iceland: Constraints from U-Th-Pa disequilibria in post-glacial lavas. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 1120-1144.	1.6	34
63	Missing western half of the <sc>P</sc>-<sc>acific</sc> <sc>P</sc>-<sc>late</sc>: Geochemical nature of the <sc>I</sc>-<sc>zanagi</sc>-<sc>P</sc>-<sc>acific</sc> <sc>R</sc>-<sc>idge</sc> interaction with a stationary boundary between the <sc>I</sc>-<sc>ndian</sc> and <sc>P</sc>-<sc>acific</sc> mantles. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3309-3332.	1.0	34
64	Origin of enriched components in the South Atlantic: Evidence from 40 Ma geochemical zonation of the Discovery Seamounts. <i>Earth and Planetary Science Letters</i> , 2016, 441, 167-177.	1.8	34
65	Unexpected HIMU-type late-stage volcanism on the Walvis Ridge. <i>Earth and Planetary Science Letters</i> , 2018, 492, 251-263.	1.8	34
66	Mineralogy, geochemistry and stratigraphy of the Maslovsky Pt-Cu-Ni sulfide deposit, Noril'sk Region, Russia. <i>Mineralium Deposita</i> , 2012, 47, 69-88.	1.7	33
67	Magmatic evolution of a dying spreading axis: Evidence for the interaction of tectonics and mantle heterogeneity from the fossil Phoenix Ridge, Drake Passage. <i>Chemical Geology</i> , 2011, 280, 115-125.	1.4	31
68	Bowers Ridge (Bering Sea): An Oligocene-Early Miocene island arc. <i>Geology</i> , 2012, 40, 687-690.	2.0	29
69	Petrogenesis of synorogenic high-temperature leucogranites (Damara orogen, Namibia): Constraints from U-Pb monazite ages and Nd, Sr and Pb isotopes. <i>Gondwana Research</i> , 2014, 25, 1614-1626.	3.0	29
70	Tectonic dissection and displacement of parts of Shona hotspot volcano 3500 km along the Agulhas-Falkland Fracture Zone. <i>Geology</i> , 2016, 44, 263-266.	2.0	29
71	Immiscible sulfide melts in primitive oceanic magmas: Evidence and implications from picrite lavas (Eastern Kamchatka, Russia). <i>American Mineralogist</i> , 2018, 103, 886-898.	0.9	29
72	Hafnium isotopic variations in East Atlantic intraplate volcanism. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 21-36.	1.2	28

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73	Cretaceous fore-arc basalts from the Tonga arc: Geochemistry and implications for the tectonic history of the SW Pacific. <i>Tectonophysics</i> , 2014, 630, 21-32.	0.9	28
74	Geochemistry and age of Shatsky, Hess, and Ojin Rise seamounts: Implications for a connection between the Shatsky and Hess Rises. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 185, 302-327.	1.6	28
75	Syn-orogenic high-temperature crustal melting: Geochronological and Nd–Sr–Pb isotope constraints from basement-derived granites (Central Damara Orogen, Namibia). <i>Lithos</i> , 2014, 192-195, 21-38.	0.6	26
76	Petrogenesis of synorogenic diorite–granodiorite–granite complexes in the Damara Belt, Namibia: Constraints from U–Pb zircon ages and Sr–Nd–Pb isotopes. <i>Journal of African Earth Sciences</i> , 2015, 101, 253-265.	0.9	26
77	Nature and origin of the Mozambique Ridge, SW Indian Ocean. <i>Chemical Geology</i> , 2019, 507, 9-22.	1.4	26
78	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.	1.8	26
79	Paired EMI-HIMU hotspots in the South Atlantic—Starting plume heads trigger compositionally distinct secondary plumes?. <i>Science Advances</i> , 2020, 6, eaba0282.	4.7	26
80	Holocene fluid venting at an extinct Cretaceous seamount, Canary archipelago. <i>Geology</i> , 2011, 39, 855-858.	2.0	25
81	Origin of Meso-Proterozoic post-collisional leucogranite suites (Kaokoveld, Namibia): constraints from geochronology and Nd, Sr, Hf, and Pb isotopes. <i>Contributions To Mineralogy and Petrology</i> , 2012, 163, 1-17.	1.2	25
82	Age and geochemistry of the Beata Ridge: Primary formation during the main phase (~89 Ma) of the Caribbean Large Igneous Province. <i>Lithos</i> , 2019, 328-329, 69-87.	0.6	25
83	Petrogenesis of rift-related tephrites, phonolites and trachytes (Central European Volcanic Province, Tj ETQq1 1 0.784314 rgBT / Over	1.4	24
84	Geochemical and Volcanological Evolution of La Palma, Canary Islands. <i>Journal of Petrology</i> , 2017, 58, 1227-1248.	1.1	24
85	Influence of the Galapagos hotspot on the East Pacific Rise during Miocene superfast spreading. <i>Geology</i> , 2013, 41, 183-186.	2.0	23
86	Evidence from accreted seamounts for a depleted component in the early Galapagos plume. <i>Geology</i> , 2016, 44, 383-386.	2.0	23
87	New insights into the origin and evolution of the Hikurangi oceanic plateau. <i>Eos</i> , 2004, 85, 401.	0.1	22
88	Basanite to phonolite differentiation within 1550–1750 yr: U-Th-Ra isotopic evidence from the A.D. 1585 eruption on La Palma, Canary Islands. <i>Geology</i> , 2005, 33, 897.	2.0	22
89	Geochronology, geochemistry and Nd, Sr and Pb isotopes of syn-orogenic granodiorites and granites (Damara orogen, Namibia) — Arc-related plutonism or melting of mafic crustal sources?. <i>Lithos</i> , 2014, 200-201, 386-401.	0.6	22
90	Comparing the nature of the western and eastern Azores mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 172, 76-92.	1.6	21

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91	Granitoids and dykes of the Pine Island Bay region, West Antarctica. <i>Antarctic Science</i> , 2012, 24, 473-484.	0.5	20
92	Boron isotope geochemistry and U-Pb systematics of altered MORB from the Australian Antarctic Discordance (ODP Leg 187). <i>Chemical Geology</i> , 2007, 242, 455-469.	1.4	18
93	Generation of magnesian, high-K alkali-calcic granites and granodiorites from amphibolitic continental crust in the Damara orogen, Namibia. <i>Lithos</i> , 2014, 198-199, 217-233.	0.6	18
94	Geochemistry of deep Manihiki Plateau crust: Implications for compositional diversity of large igneous provinces in the Western Pacific and their genetic link. <i>Chemical Geology</i> , 2018, 493, 553-566.	1.4	18
95	Second-stage Caribbean Large Igneous Province volcanism: The depleted icing on the enriched cake. <i>Chemical Geology</i> , 2019, 509, 45-63.	1.4	18
96	Geochemical variations in the Cocos Plate subducting beneath Central America: implications for the composition of arc volcanism and the extent of the Galapagos Hotspot influence on the Cocos oceanic crust. <i>International Journal of Earth Sciences</i> , 2009, 98, 901-913.	0.9	17
97	Geochemistry of Etendeka magmatism: Spatial heterogeneity in the Tristan-Gough plume head. <i>Earth and Planetary Science Letters</i> , 2020, 535, 116123.	1.8	17
98	Sr-Nd isotope systematics in 14-28 Ma low-temperature altered mid-ocean ridge basalt from the Australian Antarctic Discordance, Ocean Drilling Program Leg 187. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	1.0	16
99	Paleocene MORB and OIB from the Resolution Ridge, Tasman Sea. <i>Australian Journal of Earth Sciences</i> , 2012, 59, 953-964.	0.4	15
100	From the lavas to the gabbros: 1.25km of geochemical characterization of upper oceanic crust at ODP/IODP Site 1256, eastern equatorial Pacific. <i>Lithos</i> , 2014, 210-211, 289-312.	0.6	15
101	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.	1.1	15
102	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 (Vitiiaz) Arc. <i>Gondwana Research</i> , 2019, 72, 169-193.	3.0	15
103	Generation of a potassic to ultrapotassic alkaline complex in a syn-collisional setting through flat subduction: Constraints on magma sources and processes (Otjimbingwe alkaline complex, Damara) <i>Tj ETQq1 1 0.784314 rgB4 /Overl</i>	0.7	14
104	Silicification of peridotites at the stalemate fracture zone (Northwestern Pacific): Reconstruction of the conditions of low-temperature weathering and tectonic interpretation. <i>Petrology</i> , 2012, 20, 21-39.	0.2	13
105	Extent of the Ross Orogen in Antarctica: new data from DSDP 270 and Iselin Bank. <i>Antarctic Science</i> , 2011, 23, 297-306.	0.5	12
106	Mid-ocean ridge basalt generation along the slow-spreading, South Mid-Atlantic Ridge (5°-11°S): Inferences from ²³⁸ U- ²³⁰ Th- ²²⁶ Ra disequilibria. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 169, 152-166.	1.6	12
107	A 1.5 Ma record of plume-ridge interaction at the Western Galapagos Spreading Center (91°40'N-92°00'W). <i>Geochimica Et Cosmochimica Acta</i> , 2016, 185, 141-159.	1.6	12
108	Magmatic Evolution and Source Variations at the Nifonea Ridge (New Hebrides Island Arc). <i>Journal of Petrology</i> , 2017, 58, 473-494.	1.1	12

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109	Origin of isolated seamounts in the Canary Basin (East Atlantic): The role of plume material in the origin of seamounts not associated with hotspot tracks. <i>Terra Nova</i> , 2020, 32, 390-398.	0.9	12
110	Ultra-fast early Miocene exhumation of Cavalli Seamount, Northland Plateau, Southwest Pacific Ocean. <i>New Zealand Journal of Geology, and Geophysics</i> , 2008, 51, 29-42.	1.0	10
111	Flow of Canary mantle plume material through a subcontinental lithospheric corridor beneath Africa to the Mediterranean: REPLY. <i>Geology</i> , 2010, 38, e203-e203.	2.0	10
112	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.	1.0	10
113	²³⁸ U- ²³⁰ Th- ²²⁶ Ra Disequilibria Constraints on the Magmatic Evolution of the Cumbre Vieja Volcanics on La Palma, Canary Islands. <i>Journal of Petrology</i> , 2015, 56, 1999-2024.	1.1	9
114	Generation of syntectonic calc-alkaline, magnesian granites through remelting of pre-tectonic igneous sources - U-Pb zircon ages and Sr, Nd and Pb isotope data from the Donkerhoek granite (southern Damara orogen, Namibia). <i>Lithos</i> , 2018, 310-311, 314-331.	0.6	9
115	Petrogenesis and Assembly of the Don Manuel Igneous Complex, Miocene-Pliocene Porphyry Copper Belt, Central Chile. <i>Journal of Petrology</i> , 2018, 59, 1067-1108.	1.1	9
116	2.8-1.7 Ga history of the Jiao-Liao-Ji Belt of the North China Craton from the geochronology and geochemistry of mafic Liaohe meta-igneous rocks. <i>Gondwana Research</i> , 2020, 85, 55-75.	3.0	9
117	Do the 85°E Ridge and Conrad Rise form a hotspot track crossing the Indian Ocean?. <i>Lithos</i> , 2021, 398-399, 106234.	0.6	9
118	Hikurangi Plateau subduction a trigger for Vitiaz arc splitting and Havre Trough opening (southwestern Pacific). <i>Geology</i> , 2021, 49, 536-540.	2.0	9
119	ANATEXIS OF JUVENILE MAFIC TO INTERMEDIATE CRUST -CONSTRAINTS FROM MAJOR AND TRACE ELEMENT AND SR, ND, PB ISOTOPES OF DIORITES TO GRANITES (DAMARA OROGEN, NAMBIA). <i>South African Journal of Geology</i> , 2014, 117, 149-171.	0.6	8
120	Petrogenesis of Tertiary continental intra-plate lavas between Siebengebirge and Westerwald, Germany: Constraints from trace element systematics and Nd, Sr and Pb isotopes. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 305, 84-99.	0.8	8
121	Age and origin of Researcher Ridge and an explanation for the 14° N anomaly on the Mid-Atlantic Ridge by plume-ridge interaction. <i>Lithos</i> , 2019, 326-327, 540-555.	0.6	8
122	Ultraslow Spreading and Volcanism at the Eastern End of Gakkel Ridge, Arctic Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 6033-6050.	1.0	7
123	Crust-mantle interaction during syn-collisional magmatism - Evidence from the Oamikaub diorite and Neikhoes metagabbro (Damara orogen, Namibia). <i>Precambrian Research</i> , 2020, 351, 105955.	1.2	7
124	Petrogenesis of the late Paleoproterozoic Gleibat Lafhouda dolomite carbonatite (West African) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1- supercontinent. <i>Chemical Geology</i> , 2022, 594, 120764.	1.4	7
125	Cocos Plate Seamounts offshore NW Costa Rica and SW Nicaragua: Implications for large-scale distribution of Galapagos plume material in the upper mantle. <i>Lithos</i> , 2015, 212-215, 214-230.	0.6	6
126	Contrasting magmatic cannibalism forms evolved phonolitic magmas in the Canary Islands. <i>Geology</i> , 2017, 45, 147-150.	2.0	6

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127	Petrogenesis of basalts along the eastern Woodlark spreading center, equatorial western Pacific. <i>Lithos</i> , 2018, 316-317, 122-136.	0.6	6
128	Gigantic eruption of a Carpathian volcano marks the largest Miocene transgression of Eastern Paratethys. <i>Earth and Planetary Science Letters</i> , 2021, 563, 116890.	1.8	6
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