

Folkmar Hauff

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148
papers

5,016
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41
h-index

65
g-index

155
ext. papers

5,738
ext. citations

4.8
avg, IF

5.46
L-index

#	Paper	IF	Citations
148	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,	3.6	168
147	Arc-parallel flow in the mantle wedge beneath Costa Rica and Nicaragua. <i>Nature</i> , 2008 , 451, 1094-7	50.4	166
146	Missing history (1671 Ma) of the Galápagos hotspot: Implications for the tectonic and biological evolution of the Americas. <i>Geology</i> , 2002 , 30, 795	5	147
145	Cenozoic intraplate volcanism on New Zealand: Upwelling induced by lithospheric removal. <i>Earth and Planetary Science Letters</i> , 2006 , 248, 350-367	5.3	144
144	Combined Trace Element and Pb-Nd-Sr-O Isotope Evidence for Recycled Oceanic Crust (Upper and Lower) in the Iceland Mantle Plume. <i>Journal of Petrology</i> , 2006 , 47, 1705-1749	3.9	130
143	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,	3.6	123
142	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	5.3	119
141	70 m.y. history (13989 Ma) for the Caribbean large igneous province. <i>Geology</i> , 2004 , 32, 697	5	116
140	Temporal and geochemical evolution of the Cenozoic intraplate volcanism of Zealandia. <i>Earth-Science Reviews</i> , 2010 , 98, 38-64	10.2	110
139	Flow of Canary mantle plume material through a subcontinental lithospheric corridor beneath Africa to the Mediterranean. <i>Geology</i> , 2009 , 37, 283-286	5	105
138	Plume-subduction interaction in southern Central America: Mantle upwelling and slab melting. <i>Lithos</i> , 2011 , 121, 117-134	2.9	101
137	Age and geochemistry of volcanic rocks from the Hikurangi and Manihiki oceanic Plateaus. <i>Geochimica Et Cosmochimica Acta</i> , 2010 , 74, 7196-7219	5.5	99
136	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	5.3	91
135	Across-arc geochemical variations in the Southern Volcanic Zone, Chile (34.588.0°S): Constraints on mantle wedge and slab input compositions. <i>Geochimica Et Cosmochimica Acta</i> , 2013 , 123, 218-243	5.5	89
134	Calcium Isotopes ($^{44}/^{40}\text{Ca}$) in MPI-DING 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	3.6	88
133	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,	3.6	88
132	How and when plume zonation appeared during the 132 Myr evolution of the Tristan Hotspot. <i>Nature Communications</i> , 2015 , 6, 7799	17.4	84

131	Galapagos-OIB signature in southern Central America: Mantle refertilization by arc-hot spot interaction. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6	83
130	Geochemical zonation of the Miocene Alborán Basin volcanism (westernmost Mediterranean): geodynamic implications. <i>Contributions To Mineralogy and Petrology</i> , 2008 , 156, 577-593	3.5	80
129	Major, trace element and Nd, Sr, Pb, Th, 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	4.2	79
128	Transition from arc to oceanic magmatism at the Kamchatka-Aleutian junction. <i>Geology</i> , 2005 , 33, 25	5	76
127	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	3.1	75
126	Calcium isotope ($^{44}\text{Ca}/^{40}\text{Ca}$) fractionation along hydrothermal pathways, Logatchev field (Mid-Atlantic Ridge, $14^{\circ}45'\text{N}$). <i>Geochimica Et Cosmochimica Acta</i> , 2008 , 72, 4107-4122	5.5	74
125	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		73
124	Continental crust generated in oceanic arcs. <i>Nature Geoscience</i> , 2015 , 8, 321-327	18.3	72
123	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	5	69
122	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,	3.6	68
121	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	5.3	68
120	On- and off-axis chemical heterogeneities along the South Atlantic Mid-Ocean-Ridge ($5^{\circ}1'\text{S}$): Shallow or deep recycling of ocean crust and/or intraplate volcanism?. <i>Earth and Planetary Science Letters</i> , 2011 , 306, 86-97	5.3	68
119	Origin of Indian Ocean Seamount Province by shallow recycling of continental lithosphere. <i>Nature Geoscience</i> , 2011 , 4, 883-887	18.3	65
118	Magma genesis by rifting of oceanic lithosphere above anomalous mantle: Terceira Rift, Azores. <i>Geochemistry, Geophysics, Geosystems</i> , 2008 , 9, n/a-n/a	3.6	64
117	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	4.2	57
116	Upwelling and melting of the Iceland plume from radial variation of $^{238}\text{U}/^{230}\text{Th}$ disequilibria in postglacial volcanic rocks. <i>Earth and Planetary Science Letters</i> , 2003 , 214, 167-186	5.3	56
115	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	4.2	55
114	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	5.3	54

113	Hafnium isotopic variations in volcanic rocks from the Caribbean Large Igneous Province and Galápagos hot spot tracks. <i>Geochemistry, Geophysics, Geosystems</i> , 2003 , 4,	3.6	49
112	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	3.9	48
111	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	2.8	44
110	Morphological and geochemical variations along the eastern Galápagos Spreading Center. <i>Geochemistry, Geophysics, Geosystems</i> , 2005 , 6, n/a-n/a	3.6	44
109	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	3.9	43
108	70 Ma chemical zonation of the Tristan-Gough hotspot track. <i>Geology</i> , 2013 , 41, 335-338	5	42
107	Melts of sediments in the mantle wedge of the Oman ophiolite. <i>Geology</i> , 2015 , 43, 275-278	5	40
106	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	3.5	39
105	Magma storage and ascent during the 1995 eruption of Fogo, Cape Verde Archipelago. <i>Contributions To Mineralogy and Petrology</i> , 2011 , 162, 751-772	3.5	38
104	Geochemical approaches to the quantification of dispersed volcanic ash in marine sediment. <i>Progress in Earth and Planetary Science</i> , 2016 , 3,	3.9	36
103	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	5.5	36
102	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	1.4	36
101	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	3.9	35
100	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	5.3	35
99	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	5.3	35
98	Seamounts off the West Antarctic margin: A case for non-hotspot driven intraplate volcanism. <i>Gondwana Research</i> , 2014 , 25, 1660-1679	5.1	34
97	Mid-Cretaceous Hawaiian tholeiites preserved in Kamchatka. <i>Geology</i> , 2008 , 36, 903	5	33
96	Hydrothermal activity and magma genesis along a propagating back-arc basin: Valu Fa Ridge (southern Lau Basin). <i>Journal of Geophysical Research</i> , 2006 , 111,		32

95	Boninite-like intraplate magmas from Manihiki Plateau require ultra-depleted and enriched source components. <i>Nature Communications</i> , 2017 , 8, 14322	17.4	30
94	Mineralogy, geochemistry and stratigraphy of the Maslovsky Pt-U-Ni sulfide deposit, Norilsk Region, Russia. <i>Mineralium Deposita</i> , 2012 , 47, 69-88	4.8	29
93	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	3.5	29
92	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	5.1	28
91	Missing western half of the Pacific Plate: Geochemical nature of the Izanagi-Pacific Ridge interaction with a stationary boundary between the Indian and Pacific mantles. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 3309-3332	3.6	28
90	Subduction of the oceanic Hikurangi Plateau and its impact on the Kermadec arc. <i>Nature Communications</i> , 2014 , 5, 4923	17.4	27
89	Time-scales for magmatic differentiation at the Snæfellsjökull central volcano, western Iceland: Constraints from U-Th-Pa disequilibria in post-glacial lavas. <i>Geochimica Et Cosmochimica Acta</i> , 2009 , 73, 1120-1144	5.5	27
88	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	1.1	27
87	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	4.2	25
86	Global distribution of the HIMU end member: Formation through Archean plume-lid tectonics. <i>Earth-Science Reviews</i> , 2018 , 182, 85-101	10.2	24
85	Syn-orogenic high-temperature crustal melting: Geochronological and Nd-Br-Pb isotope constraints from basement-derived granites (Central Damara Orogen, Namibia). <i>Lithos</i> , 2014 , 192-195, 21-38	2.9	24
84	Regional-scale input of dispersed and discrete volcanic ash to the Izu-Bonin and Mariana subduction zones. <i>Geochemistry, Geophysics, Geosystems</i> , 2014 , 15, 4369-4379	3.6	24
83	Bowers Ridge (Bering Sea): An Oligocene-Early Miocene island arc. <i>Geology</i> , 2012 , 40, 687-690	5	24
82	Hafnium isotopic variations in East Atlantic intraplate volcanism. <i>Contributions To Mineralogy and Petrology</i> , 2011 , 162, 21-36	3.5	24
81	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	5.5	24
80	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	2.2	22
79	Deformation-related volcanism in the Pacific Ocean linked to the Hawaiian-Emperor bend. <i>Nature Geoscience</i> , 2015 , 8, 393-397	18.3	21
78	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	5.3	21

77	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	3.5	21
76	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	2.9	21
75	Evidence from accreted seamounts for a depleted component in the early Galapagos plume. <i>Geology</i> , 2016 , 44, 383-386	5	21
74	Petrogenesis of rift-related tephrites, phonolites and trachytes (Central European Volcanic Province, Rhf, FRG): Constraints from Sr, Nd, Pb and O isotopes. <i>Chemical Geology</i> , 2013 , 354, 203-215	4.2	20
73	Holocene fluid venting at an extinct Cretaceous seamount, Canary archipelago. <i>Geology</i> , 2011 , 39, 855-858		20
72	Immiscible sulfide melts in primitive oceanic magmas: Evidence and implications from picrite lavas (Eastern Kamchatka, Russia). <i>American Mineralogist</i> , 2018 , 103, 886-898	2.9	20
71	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	3.1	19
70	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	2.9	19
69	Influence of the Galapagos hotspot on the East Pacific Rise during Miocene superfast spreading. <i>Geology</i> , 2013 , 41, 183-186	5	18
68	New insights into the origin and evolution of the Hikurangi oceanic plateau. <i>Eos</i> , 2004 , 85, 401	1.5	18
67	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	5	17
66	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	4.2	17
65	Basanite to phonolite differentiation within 1550±750 yr: U-Th-Ra isotopic evidence from the A.D. 1585 eruption on La Palma, Canary Islands. <i>Geology</i> , 2005 , 33, 897	5	17
64	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	5.5	17
63	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	5.3	17
62	Unexpected HIMU-type late-stage volcanism on the Walvis Ridge. <i>Earth and Planetary Science Letters</i> , 2018 , 492, 251-263	5.3	16
61	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	2.2	16
60	Granitoids and dykes of the Pine Island Bay region, West Antarctica. <i>Antarctic Science</i> , 2012 , 24, 473-484	1.7	16

59	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	2.9	15
58	Paleocene MORB and OIB from the Resolution Ridge, Tasman Sea. <i>Australian Journal of Earth Sciences</i> , 2012 , 59, 953-964	1.4	15
57	Comparing the nature of the western and eastern Azores mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 172, 76-92	5.5	14
56	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	4.2	14
55	Second-stage Caribbean Large Igneous Province volcanism: The depleted Icing on the enriched Cake. <i>Chemical Geology</i> , 2019 , 509, 45-63	4.2	14
54	Mid-ocean ridge basalt generation along the slow-spreading, South Mid-Atlantic Ridge (50°1'S): Inferences from ²³⁸ U/ ²³⁰ Th/ ²²⁶ Ra disequilibria. <i>Geochimica Et Cosmochimica Acta</i> , 2015 , 169, 152-166	5.5	11
53	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	3.9	11
52	Silicification of peridotites at the stalemated fracture zone (Northwestern Pacific): Reconstruction of the conditions of low-temperature weathering and tectonic interpretation. <i>Petrology</i> , 2012 , 20, 21-39 ^{1.2}		11
51	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	2.9	11
50	Sr-Nd isotope systematics in 1408 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	3.6	11
49	Nature and origin of the Mozambique Ridge, SW Indian Ocean. <i>Chemical Geology</i> , 2019 , 507, 9-22	4.2	11
48	A 1.5 Ma record of plume-ridge interaction at the Western Galapagos Spreading Center (91°40'W, 0°00'W). <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 185, 141-159	5.5	10
47	Magmatic Evolution and Source Variations at the Nifonea Ridge (New Hebrides Island Arc). <i>Journal of Petrology</i> , 2017 , 58, 473-494	3.9	9
46	Geochemical and Volcanological Evolution of La Palma, Canary Islands. <i>Journal of Petrology</i> , 2017 , 58, 1227-1248	3.9	9
45	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	1.6	9
44	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	5.1	8
43	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 orogen, Namibia). <i>Gondwana Research</i> , 2020 , 82, 267-287	5.1	8
42	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	2.9	8

41	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	1.6	8
40	Extent of the Ross Orogen in Antarctica: new data from DSDP 270 and Iselin Bank. <i>Antarctic Science</i> , 2011 , 23, 297-306	1.7	8
39	2.81.7 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	5.1	7
38	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	2.8	6
37	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	3	6
36	Paired EMI-HIMU hotspots in the South Atlantic-Starting plume heads trigger compositionally distinct secondary plumes?. <i>Science Advances</i> , 2020 , 6, eaba0282	14.3	6
35	Contrasting magmatic cannibalism forms evolved phonolitic magmas in the Canary Islands. <i>Geology</i> , 2017 , 45, 147-150	5	5
34	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	2.9	5
33	Petrogenesis and Assembly of the Don Manuel Igneous Complex, MiocenePliocene Porphyry Copper Belt, Central Chile. <i>Journal of Petrology</i> , 2018 , 59, 1067-1108	3.9	5
32	Composition and timing of carbonate vein precipitation within the igneous basement of the Early Cretaceous Shatsky Rise, NW Pacific. <i>Marine Geology</i> , 2014 , 357, 321-333	3.3	5
31	Flow of Canary mantle plume material through a subcontinental lithospheric corridor beneath Africa to the Mediterranean: REPLY. <i>Geology</i> , 2010 , 38, e203-e203	5	5
30	Ultraslow Spreading and Volcanism at the Eastern End of Gakkel Ridge, Arctic Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 6033-6050	3.6	5
29	Age progressive volcanism opposite Nazca plate motion: Insights from seamounts on the northeastern margin of the Galapagos Platform. <i>Lithos</i> , 2018 , 310-311, 342-354	2.9	4
28	^{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	3.9	4
27	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	3.9	4
26	Petrogenesis of shield volcanism from the Juan Fernādez Ridge, Southeast Pacific: Melting of a low-temperature pyroxenite-bearing mantle plume. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 257, 311-335 ⁵	5.5	3
25	Geochemistry of Etendeka magmatism: Spatial heterogeneity in the Tristan-Gough plume head. <i>Earth and Planetary Science Letters</i> , 2020 , 535, 116123	5.3	3
24	Compositional variation and ^{226}Ra - ^{230}Th model ages of axial lavas from the southern Mid-Atlantic Ridge, 8°48'S. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 199-218	3.6	3

23	Petrogenesis of basalts along the eastern Woodlark spreading center, equatorial western Pacific. <i>Lithos</i> , 2018 , 316-317, 122-136	2.9	3
22	Petrology and geochemistry of plutonic rocks in the Northwest Pacific Ocean and their geodynamic interpretation. <i>Geochemistry International</i> , 2014 , 52, 179-196	0.8	3
21	Oceanic igneous complexes 2007 ,		3
20	²³¹ Pa systematics in postglacial volcanic rocks from Iceland. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 185, 129-140	5.5	3
19	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	2.9	3
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