

Folkmar Hauff

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

148
papers

5,016
citations

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	Geochemistry and petrogenesis of alkaline rear-arc magmatism in NW Iran. <i>Lithos</i> , 2022 , 412-413, 106590.9		
147	Petrogenesis of the late Paleoproterozoic Gleibat Lafhouda dolomite carbonatite (West African Craton Margin, Moroccan Sahara) and its relevance to the onset of fragmentation of the Columbia supercontinent. <i>Chemical Geology</i> , 2022 , 594, 120764	4.2	0
146	Mineralogy and geochemistry of lavas from the submarine lower caldera walls of Santorini Volcano (Greece). <i>Journal of Volcanology and Geothermal Research</i> , 2022 , 427, 107556	2.8	0
145	Hikurangi Plateau subduction a trigger for Vitiaz arc splitting and Havre Trough opening (southwestern Pacific). <i>Geology</i> , 2021 , 49, 536-540	5	2
144	Petrogenesis of a late-stage calc-alkaline granite in a giant S-type batholith: geochronology and SrNdBb isotopes from the Nomatsaus granite (Donkerhoek batholith), Namibia. <i>International Journal of Earth Sciences</i> , 2021 , 110, 1453-1476	2.2	0
143	Gigantic eruption of a Carpathian volcano marks the largest Miocene transgression of Eastern Paratethys. <i>Earth and Planetary Science Letters</i> , 2021 , 563, 116890	5.3	1
142	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	3.6	2
141	Petrogenesis of a low-87Sr/86Sr, two-mica, garnet-bearing leucogranite (Donkerhoek batholith, Damara orogen, Namibia). <i>Journal of African Earth Sciences</i> , 2021 , 174, 104055	2.2	2
140	Shear-assisted water-fluxed melting and AFC processes in the foreland of the Early Paleozoic Famatinian orogen: petrogenesis of leucogranites and pegmatites from the Sierras de Córdoba, Argentina. <i>International Journal of Earth Sciences</i> , 2021 , 110, 2495-2517	2.2	
139	40Ar/39Ar ages and bulk-rock chemistry of the lower submarine units of the central and western Aleutian Arc. <i>Lithos</i> , 2021 , 392-393, 106147	2.9	
138	Papanin Ridge and Ojin Rise Seamounts (Northwest Pacific): Dual Hotspot Tracks Formed by the Shatsky Plume. <i>Geochemistry, Geophysics, Geosystems</i> , 2021 , 22, e2021GC009847	3.6	2
137	Melting of metasomatically enriched lithospheric mantle [Constraints from Pan-African monzonites (Damara Orogen, Namibia). <i>Lithos</i> , 2021 , 398-399, 106332	2.9	1
136	Do the 85°E Ridge and Conrad Rise form a hotspot track crossing the Indian Ocean?. <i>Lithos</i> , 2021 , 398-399, 106234	2.9	1
135	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
134	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
133	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	5.1	7
132	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

131	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
130	Insights into the petrogenesis of an intraplate volcanic province: Sr-Nd-Pb-Hf isotope geochemistry of the Bathymetrists Seamount Province, eastern equatorial Atlantic. <i>Chemical Geology</i> , 2020 , 544, 119599	4.2	4
129	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
128	Discovery of Ancient Volcanoes in the Okhotsk Sea (Russia): New Constraints on the Opening History of the Kurile Back Arc Basin. <i>Geosciences (Switzerland)</i> , 2020 , 10, 442	2.7	1
127	Sr-Nd-Pb-Hf-O isotopic constraints on the Neoproterozoic to Miocene upper and mid crust in central Chile and western Argentina and trench sediments (33°-35°S). <i>Journal of South American Earth Sciences</i> , 2020 , 104, 102879	2	2
126	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
125	Petrogenesis of shield volcanism from the Juan Fernández Ridge, Southeast Pacific: Melting of a low-temperature pyroxenite-bearing mantle plume. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 257, 311-335	5.5	3
124	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 (Vitiáz) Arc. <i>Gondwana Research</i> , 2019 , 72, 169-193	5.1	8
123	Ultralow Spreading and Volcanism at the Eastern End of Gakkel Ridge, Arctic Ocean. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 6033-6050	3.6	5
122	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
121	Nature and origin of the Mozambique Ridge, SW Indian Ocean. <i>Chemical Geology</i> , 2019 , 507, 9-22	4.2	11
120	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
119	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
118	Second-stage Caribbean Large Igneous Province volcanism: The depleted lcing on the enriched Cake. <i>Chemical Geology</i> , 2019 , 509, 45-63	4.2	14
117	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
116	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
115	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
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	2.9	8

113	Unexpected HIMU-type late-stage volcanism on the Walvis Ridge. <i>Earth and Planetary Science Letters</i> , 2018 , 492, 251-263	5.3	16
112	Petrogenesis of basalts along the eastern Woodlark spreading center, equatorial western Pacific. <i>Lithos</i> , 2018 , 316-317, 122-136	2.9	3
111	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
110	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	3.9	5
109	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
108	Boninite-like intraplate magmas from Manihiki Plateau require ultra-depleted and enriched source components. <i>Nature Communications</i> , 2017 , 8, 14322	17.4	30
107	Contrasting magmatic cannibalism forms evolved phonolitic magmas in the Canary Islands. <i>Geology</i> , 2017 , 45, 147-150	5	5
106	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
105	Geochemical and Volcanological Evolution of La Palma, Canary Islands. <i>Journal of Petrology</i> , 2017 , 58, 1227-1248	3.9	9
104	Comparing the nature of the western and eastern Azores mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 172, 76-92	5.5	14
103	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
102	Compositional variation and ^{226}Ra - ^{230}Th model ages of axial lavas from the southern Mid-Atlantic Ridge, $8^{\circ}48'S$. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 199-218	3.6	3
101	Hydrothermal versus active margin sediment supply to the eastern equatorial Pacific over the past 23 million years traced by radiogenic Pb isotopes: Paleoceanographic and paleoclimatic implications. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 190, 213-238	5.5	2
100	A 1.5 Ma record of plume-ridge interaction at the Western Galapagos Spreading Center ($91^{\circ}40'N$ - $92^{\circ}00'W$). <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 185, 141-159	5.5	10
99	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
98	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
97	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
96	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

95	231Pa systematics in postglacial volcanic rocks from Iceland. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 185, 129-140	5.5	3
94	Evidence from accreted seamounts for a depleted component in the early Galapagos plume. <i>Geology</i> , 2016 , 44, 383-386	5	21
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	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
91	Deformation-related volcanism in the Pacific Ocean linked to the Hawaiian Emperor bend. <i>Nature Geoscience</i> , 2015 , 8, 393-397	18.3	21
90	Continental crust generated in oceanic arcs. <i>Nature Geoscience</i> , 2015 , 8, 321-327	18.3	72
89	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
88	Mid-ocean ridge basalt generation along the slow-spreading, South Mid-Atlantic Ridge (5°1'S): Inferences from ²³⁸ U/ ²³⁰ Th/ ²²⁶ Ra disequilibria. <i>Geochimica Et Cosmochimica Acta</i> , 2015 , 169, 152-166	5.5	11
87	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
86	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
85	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
84	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
83	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
82	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
81	Melts of sediments in the mantle wedge of the Oman ophiolite. <i>Geology</i> , 2015 , 43, 275-278	5	40
80	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	2.9	24
79	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
78	ANATEXIS OF JUVENILE MAFIC TO INTERMEDIATE CRUST -CONSTRAINTS FROM MAJOR AND TRACE ELEMENT AND SR, ND, PB ISOTOPES OF DIORITES TO GRANITES (DAMARA OROGEN, NAMIBIA). <i>South African Journal of Geology</i> , 2014 , 117, 149-171	1.6	8

77	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
76	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
75	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
74	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
73	Subduction of the oceanic Hikurangi Plateau and its impact on the Kermadec arc. <i>Nature Communications</i> , 2014 , 5, 4923	17.4	27
72	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
71	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
70	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
69	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
68	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	5.5	89
67	Evidence for an age progression along the Tristan-Gough volcanic track from new ⁴⁰ Ar/ ³⁹ Ar ages on phenocryst phases. <i>Tectonophysics</i> , 2013 , 604, 60-71	3.1	75
66	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
65	70 Ma chemical zonation of the Tristan-Gough hotspot track. <i>Geology</i> , 2013 , 41, 335-338	5	42
64	Influence of the Galapagos hotspot on the East Pacific Rise during Miocene superfast spreading. <i>Geology</i> , 2013 , 41, 183-186	5	18
63	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 ^{1.2}		11
62	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
61	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
60	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

59	Bowers Ridge (Bering Sea): An Oligocene-Early Miocene island arc. <i>Geology</i> , 2012 , 40, 687-690	5	24
58	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
57	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
56	Paleocene MORB and OIB from the Resolution Ridge, Tasman Sea. <i>Australian Journal of Earth Sciences</i> , 2012 , 59, 953-964	1.4	15
55	Granitoids and dykes of the Pine Island Bay region, West Antarctica. <i>Antarctic Science</i> , 2012 , 24, 473-484	1.7	16
54	Origin of Indian Ocean Seamount Province by shallow recycling of continental lithosphere. <i>Nature Geoscience</i> , 2011 , 4, 883-887	18.3	65
53	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
52	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
51	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
50	On- and off-axis chemical heterogeneities along the South Atlantic Mid-Ocean-Ridge (51°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
49	Holocene fluid venting at an extinct Cretaceous seamount, Canary archipelago. <i>Geology</i> , 2011 , 39, 855-858	5.8	20
48	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
47	Plume-subduction interaction in southern Central America: Mantle upwelling and slab melting. <i>Lithos</i> , 2011 , 121, 117-134	2.9	101
46	Hafnium isotopic variations in East Atlantic intraplate volcanism. <i>Contributions To Mineralogy and Petrology</i> , 2011 , 162, 21-36	3.5	24
45	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
44	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
43	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
42	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

41	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
40	Temporal and geochemical evolution of the Cenozoic intraplate volcanism of Zealandia. <i>Earth-Science Reviews</i> , 2010 , 98, 38-64	10.2	110
39	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
38	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
37	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
36	Time-scales for magmatic differentiation at the Snaefellsjökull central volcano, western Iceland: Constraints from U/Th/Pa/Ba disequilibria in post-glacial lavas. <i>Geochimica Et Cosmochimica Acta</i> , 2009 , 73, 1120-1144	5.5	27
35	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
34	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
33	Arc-parallel flow in the mantle wedge beneath Costa Rica and Nicaragua. <i>Nature</i> , 2008 , 451, 1094-7	50.4	166
32	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
31	Calcium isotope ($^{44}/^{40}\text{Ca}$) fractionation along hydrothermal pathways, Logatchev field (Mid-Atlantic Ridge, 14°45'N). <i>Geochimica Et Cosmochimica Acta</i> , 2008 , 72, 4107-4122	5.5	74
30	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
29	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
28	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
27	Mid-Cretaceous Hawaiian tholeiites preserved in Kamchatka. <i>Geology</i> , 2008 , 36, 903	5	33
26	Geochemical zonation of the Miocene Alborñ Basin volcanism (westernmost Mediterranean): geodynamic implications. <i>Contributions To Mineralogy and Petrology</i> , 2008 , 156, 577-593	3.5	80
25	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
24	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

23	Oceanic igneous complexes 2007 ,		3
22	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
21	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
20	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
19	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
18	Major, trace element and Nd-Br-Pb-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
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