

## 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.

600

papers

43,229

citations

104

h-index

177

g-index

607

ext. papers

48,069

ext. citations

5.6

avg, IF

7.83

L-index

#	Paper	IF	Citations
600	Explosive Activity on Kīlauea's Lower East Rift Zone Fueled by a Volatile-Rich, Dacitic Melt. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2022</b> , 23,	3.6	1
599	Influence of Deformation and Fluids on Ti Exchange in Natural Quartz. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2021</b> , 126, e2021JB022548	3.6	0
598	Insights Into the Nature of Plume-Ridge Interaction and Outflux of H <sub>2</sub> O From the Galápagos Spreading Center. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2020GC009560	3.6	0
597	Rapid pre-eruptive mush reorganisation and atmospheric volatile emissions from the 12.9 ka Laacher See eruption, determined using apatite. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 576, 117198	5.3	0
596	Using zircon in mafic migmatites to disentangle complex high-grade gneiss terrains in Terrane spotting in the Lewisian complex, NW Scotland. <i>Precambrian Research</i> , <b>2021</b> , 355, 106074	3.9	3
595	DFENS: Diffusion Chronometry Using Finite Elements and Nested Sampling. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2020GC009303	3.6	0
594	Deciphering variable mantle sources and hydrous inputs to arc magmas in Kamchatka. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 562, 116848	5.3	3
593	Syn-collisional detrital zircon source evolution in the northern Moroccan Variscides. <i>Gondwana Research</i> , <b>2021</b> , 93, 73-88	5.1	4
592	Boron recycling in the mantle: Evidence from a global comparison of ocean island basalts. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> , 302, 83-100	5.5	4
591	U-Pb geochronology of detrital and igneous zircon grains from the Guilas Arc in the Internal Betics (SE Spain): Implications for Carboniferous-Permian paleogeography of Pangea. <i>Gondwana Research</i> , <b>2021</b> , 90, 135-158	5.1	6
590	The global melt inclusion C/Ba array: Mantle variability, melting process, or degassing?. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> , 293, 525-543	5.5	3
589	Evidence from Late Cretaceous-Paleogene volcanic rocks of the Kyrenia Range, northern Cyprus for the northern, active continental margin of the Southern Neotethys. <i>Lithos</i> , <b>2021</b> , 380-381, 105835	2.9	
588	Boron isotopic signatures of melt inclusions from North Iceland reveal recycled material in the Icelandic mantle source. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> , 294, 273-294	5.5	3
587	Reconstructing Magma Storage Depths for the 2018 Kīlauean Eruption From Melt Inclusion CO <sub>2</sub> Contents: The Importance of Vapor Bubbles. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2020GC009364	3.6	9
586	An experimental investigation of F, Cl and H <sub>2</sub> O mineral-melt partitioning in a reduced, model lunar system. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> , 294, 232-254	5.5	1
585	Volcanic spherules condensed from supercritical fluids in the Payenia volcanic province, Argentina. <i>Journal of the Geological Society</i> , <b>2021</b> , 178, jgs2020-026	2.7	
584	Isotopic Compositions (Li-B-Si-O-Mg-Sr-Nd-Hf-Pb) and Fe <sup>2+</sup> /Fe Ratios of Three Synthetic Andesite Glass Reference Materials (ARM-1, ARM-2, ARM-3). <i>Geostandards and Geoanalytical Research</i> , <b>2021</b> , 45, 719	3.6	4

583	Transcurrent displacement of the Cadomian magmatic arc. <i>Precambrian Research</i> , <b>2021</b> , 361, 106251	3.9	4
582	Instrumental mass fractionation during sulfur isotope analysis by secondary ion mass spectrometry in natural and synthetic glasses. <i>Chemical Geology</i> , <b>2021</b> , 578, 120318	4.2	2
581	The KD Sr/Ca in cultured massive Porites spp. corals are reduced at low seawater pCO <sub>2</sub> . <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> , 314, 55-67	5.5	
580	Experimental evidence for decompression melting of metasomatized mantle beneath Colima Graben, Mexico. <i>Contributions To Mineralogy and Petrology</i> , <b>2020</b> , 175, 1	3.5	1
579	Variable water input controls evolution of the Lesser Antilles volcanic arc. <i>Nature</i> , <b>2020</b> , 582, 525-529	50.4	31
578	Boron isotope record of peak metamorphic ultrahigh-pressure and retrograde fluid-rock interaction in white mica (Lago di Cignana, Western Alps). <i>Contributions To Mineralogy and Petrology</i> , <b>2020</b> , 175, 20	3.5	11
577	The role of sub-continental mantle as both sink and source in deep Earth volatile cycles. <i>Geochimica Et Cosmochimica Acta</i> , <b>2020</b> , 275, 140-162	5.5	9
576	Volatile-Rich Magmas Distributed Through the Upper Crust in the Main Ethiopian Rift. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2020</b> , 21, e2019GC008904	3.6	14
575	Deep and disturbed: conditions for formation and eruption of a mingled rhyolite at Ascension Island, south Atlantic. <i>Volcanica</i> , <b>2020</b> , 3, 139-153	2.7	2
574	The role of sulfate-rich fluids in heavy rare earth enrichment at the Dashigou carbonatite deposit, Huanglongpu, China. <i>Mineralogical Magazine</i> , <b>2020</b> , 84, 65-80	1.7	12
573	Mars-Analog Calcium Sulfate Veins Record Evidence of Ancient Subsurface Life. <i>Astrobiology</i> , <b>2020</b> , 20, 1212-1223	3.7	2
572	Effect of redox on Fe/Mg/Mn exchange between olivine and melt and an oxybarometer for basalts. <i>Contributions To Mineralogy and Petrology</i> , <b>2020</b> , 175, 1	3.5	14
571	Petrogenetic processes at the tipping point of plate tectonics: Hf-O isotope ternary modelling of Earth's last TTG to sanukitoid transition. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 551, 116558	5.3	11
570	Taking the pulse of volcanic eruptions using plagioclase glomerocrysts. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 552, 116596	5.3	1
569	A SIMS U-Pb (zircon) and Re-Os (molybdenite) isotope study of the early Paleozoic Macquarie Arc, southeastern Australia: Implications for the tectono-magmatic evolution of the paleo-Pacific Gondwana margin. <i>Gondwana Research</i> , <b>2020</b> , 82, 73-96	5.1	6
568	Formation process of dunites and chromitites in Orhaneli and Harmançk ophiolites (NW Turkey): Evidence from in-situ Li isotopes and trace elements in olivine. <i>Lithos</i> , <b>2020</b> , 376-377, 105773	2.9	7
567	The stability and composition of sulfate melts in arc magmas. <i>Contributions To Mineralogy and Petrology</i> , <b>2020</b> , 175, 1	3.5	2
566	Textural and geochemical constraints on andesitic plug emplacement prior to the 2004-2010 vulcanian explosions at Galeras volcano, Colombia. <i>Bulletin of Volcanology</i> , <b>2019</b> , 81, 1	2.4	12

565	Evolution in magma storage conditions beneath Kick-'em-Jenny and Kick-'em-Jack submarine volcanoes, Lesser Antilles arc. <i>Journal of Volcanology and Geothermal Research</i> , <b>2019</b> , 373, 1-22	2.8	2
564	A limited role for metasomatized subarc mantle in the generation of boron isotope signatures of arc volcanic rocks. <i>Geology</i> , <b>2019</b> , 47, 517-521	5	12
563	Rapid transcrustal magma movement under Iceland. <i>Nature Geoscience</i> , <b>2019</b> , 12, 569-574	18.3	19
562	Crustal CO contribution to subduction zone degassing recorded through calc-silicate xenoliths in arc lavas. <i>Scientific Reports</i> , <b>2019</b> , 9, 8803	4.9	19
561	Carbon Dioxide in Geochemically Heterogeneous Melt Inclusions From Mount Etna, Italy. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 3150-3169	3.6	2
560	Provenance and magmatic-tectonic setting of Campanian-aged volcanoclastic sandstones of the Kannaviou Formation in western Cyprus: Evidence for a South-Neotethyan continental margin volcanic arc. <i>Sedimentary Geology</i> , <b>2019</b> , 388, 114-138	2.8	13
559	High fluxes of deep volatiles from ocean island volcanoes: Insights from El Hierro, Canary Islands. <i>Geochimica Et Cosmochimica Acta</i> , <b>2019</b> , 258, 19-36	5.5	12
558	U <sup>87</sup> B <sup>86</sup> detrital zircon ages used to infer provenance and tectonic setting of Late Triassic-Miocene sandstones related to the Tethyan development of Cyprus. <i>Journal of the Geological Society</i> , <b>2019</b> , 176, 863-884	2.7	5
557	Constraints on the porosity, permeability and porous micro-structure of highly-crystalline andesitic magma during plug formation. <i>Journal of Volcanology and Geothermal Research</i> , <b>2019</b> , 379, 72-89	2.8	9
556	Evidence from plutonic xenoliths for magma differentiation, mixing and storage in a volatile-rich crystal mush beneath St. Eustatius, Lesser Antilles. <i>Contributions To Mineralogy and Petrology</i> , <b>2019</b> , 174, 39	3.5	9
555	Oxygen isotopes in titanite and apatite, and their potential for crustal evolution research. <i>Geochimica Et Cosmochimica Acta</i> , <b>2019</b> , 255, 144-162	5.5	17
554	Deep roots for mid-ocean-ridge volcanoes revealed by plagioclase-hosted melt inclusions. <i>Nature</i> , <b>2019</b> , 572, 235-239	50.4	10
553	Estimating the carbon content of the deep mantle with Icelandic melt inclusions. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 523, 115699	5.3	20
552	Eoarchaean tectonics: New constraints from high pressure-temperature experiments and mass balance modelling. <i>Precambrian Research</i> , <b>2019</b> , 325, 20-38	3.9	27
551	Trace-element geochemistry of diamond-hosted olivine inclusions from the Akwatia Mine, West African Craton: implications for diamond paragenesis and geothermobarometry. <i>Contributions To Mineralogy and Petrology</i> , <b>2019</b> , 174, 1	3.5	4
550	Crystal scavenging from mush piles recorded by melt inclusions. <i>Nature Communications</i> , <b>2019</b> , 10, 5797	17.4	20
549	Compositional and temperature effects on sulfur speciation and solubility in silicate melts. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 507, 187-198	5.3	48
548	The effect of melt composition and oxygen fugacity on manganese partitioning between apatite and silicate melt. <i>Chemical Geology</i> , <b>2019</b> , 506, 162-174	4.2	11

547	Investigating ocean island mantle source heterogeneity with boron isotopes in melt inclusions. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 508, 97-108	5.3	10
546	Mixing and Crystal Scavenging in the Main Ethiopian Rift Revealed by Trace Element Systematics in Feldspars and Glasses. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 230-259	3.6	10
545	Micro-scale geochemical and crystallographic analysis of <i>Buccinum undatum</i> statoliths supports an annual periodicity of growth ring deposition. <i>Chemical Geology</i> , <b>2019</b> , 526, 153-164	4.2	5
544	The 2011 eruption of Nabro volcano, Eritrea: perspectives on magmatic processes from melt inclusions. <i>Contributions To Mineralogy and Petrology</i> , <b>2018</b> , 173, 1	3.5	14
543	A combined geochronological approach to investigating long lived granite magmatism, the Shap granite, UK. <i>Lithos</i> , <b>2018</b> , 304-307, 245-257	2.9	6
542	O solid-state NMR spectroscopy of ABO oxides: quantitative isotopic enrichment and spectral acquisition?. <i>RSC Advances</i> , <b>2018</b> , 8, 7089-7101	3.7	11
541	Detrital zircon age, oxygen and hafnium isotope systematics record rigid continents after 2.5 Ga. <i>Gondwana Research</i> , <b>2018</b> , 57, 90-118	5.1	12
540	Melt inclusion constraints on volatile systematics and degassing history of the 2014-2015 Holuhraun eruption, Iceland. <i>Contributions To Mineralogy and Petrology</i> , <b>2018</b> , 173, 1	3.5	23
539	Trace Element Constraints on the Differentiation and Crystal Mush Solidification in the Skaergaard Intrusion, Greenland. <i>Journal of Petrology</i> , <b>2018</b> , 59, 387-418	3.9	14
538	Tracking Volatile Behaviour in Sub-volcanic Plumbing Systems Using Apatite and Glass: Insights into Pre-eruptive Processes at Campi Flegrei, Italy. <i>Journal of Petrology</i> , <b>2018</b> , 59, 2463-2492	3.9	34
537	Petrology and geochemistry of the 2014-2015 Holuhraun eruption, central Iceland: compositional and mineralogical characteristics, temporal variability and magma storage. <i>Contributions To Mineralogy and Petrology</i> , <b>2018</b> , 173, 1	3.5	25
536	An early Cambrian greenhouse climate. <i>Science Advances</i> , <b>2018</b> , 4, eaar5690	14.3	34
535	Matrix Effects During SIMS Measurement of the Lithium Mass Fractions of Silicate Glasses: Correction Procedures and Updated Preferred Values of Reference Materials. <i>Geostandards and Geoanalytical Research</i> , <b>2018</b> , 42, 513-522	3.6	2
534	Influences of coral genotype and seawater pCO <sub>2</sub> on skeletal Ba/Ca and Mg/Ca in cultured massive <i>Porites</i> spp. corals. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2018</b> , 505, 351-358	2.9	4
533	Cost-effective O enrichment and NMR spectroscopy of mixed-metal terephthalate metal-organic frameworks. <i>Chemical Science</i> , <b>2018</b> , 9, 850-859	9.4	35
532	Generation of I-type granitic rocks by melting of heterogeneous lower crust. <i>Geology</i> , <b>2018</b> , 46, 907-910	5	30
531	First measurements of OH-C exchange and temperature-dependent partitioning of OH and halogens in the system apatite-silicate melt. <i>American Mineralogist</i> , <b>2018</b> , 103, 260-270	2.9	23
530	Paleoecologic and paleoceanographic interpretation of $\delta^{18}O$ variability in Lower Ordovician conodont species. <i>Geology</i> , <b>2018</b> , 46, 467-470	5	18

529	Metasomatism and the crystallization of zircon megacrysts in Archaean peridotites from the Lewisian complex, NW Scotland. <i>Contributions To Mineralogy and Petrology</i> , <b>2018</b> , 173, 99	3.5	6
528	Deep pre-eruptive storage of silicic magmas feeding Plinian and dome-forming eruptions of central and northern Dominica (Lesser Antilles) inferred from volatile contents of melt inclusions. <i>Contributions To Mineralogy and Petrology</i> , <b>2018</b> , 173, 1	3.5	7
527	Electron microprobe technique for the determination of iron oxidation state in silicate glasses. <i>American Mineralogist</i> , <b>2018</b> , 103, 1445-1454	2.9	13
526	Diamond formation during metasomatism of mantle eclogite by chloride-carbonate melt. <i>Contributions To Mineralogy and Petrology</i> , <b>2018</b> , 173, 1	3.5	21
525	Magma evolution beneath Bequia, Lesser Antilles, deduced from petrology of lavas and plutonic xenoliths. <i>Contributions To Mineralogy and Petrology</i> , <b>2018</b> , 173, 1	3.5	7
524	The effect of ocean acidification on tropical coral calcification: Insights from calcification fluid DIC chemistry. <i>Chemical Geology</i> , <b>2018</b> , 497, 162-169	4.2	11
523	Step-like growth of the continental crust in South China: evidence from detrital zircons in Yangtze River sediments. <i>Lithos</i> , <b>2018</b> , 320-321, 155-171	2.9	7
522	U/Bb isotopic dating of titanite microstructures: potential implications for the chronology and identification of large impact structures. <i>Contributions To Mineralogy and Petrology</i> , <b>2018</b> , 173, 1	3.5	18
521	Abrupt global-ocean anoxia during the Late Ordovician-early Silurian detected using uranium isotopes of marine carbonates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 5896-5901	11.5	56
520	Zircon record of fractionation, hydrous partial melting and thermal gradients at different depths in oceanic crust (ODP Site 735B, South-West Indian Ocean). <i>Contributions To Mineralogy and Petrology</i> , <b>2017</b> , 172, 1	3.5	8
519	An experimental study of the behaviour of cerium/molybdenum ratios during subduction: Implications for tracing the slab component in the Lesser Antilles and Mariana Arc. <i>Geochimica Et Cosmochimica Acta</i> , <b>2017</b> , 212, 133-155	5.5	19
518	Water transfer during magma mixing events: Insights into crystal mush rejuvenation and melt extraction processes. <i>American Mineralogist</i> , <b>2017</b> , 102, 766-776	2.9	20
517	Volatile and light lithophile elements in high-anorthite plagioclase-hosted melt inclusions from Iceland. <i>Geochimica Et Cosmochimica Acta</i> , <b>2017</b> , 205, 100-118	5.5	24
516	Geology and mineralogy of the Ashram Zone carbonatite, Eldor Complex, Québec. <i>Ore Geology Reviews</i> , <b>2017</b> , 86, 784-806	3.2	16
515	The identification and significance of pure sediment-derived granites. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 467, 57-63	5.3	91
514	Assessing sulfur redox state and distribution in abyssal serpentinites using XANES spectroscopy. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 466, 1-11	5.3	27
513	Sulfur isotope signatures in the lower crust: A SIMS study on S-rich scapolite of granulites. <i>Chemical Geology</i> , <b>2017</b> , 454, 54-66	4.2	16
512	Zr-in-rutile resetting in aluminosilicate bearing ultra-high temperature granulites: Refining the record of cooling and hydration in the Napier Complex, Antarctica. <i>Lithos</i> , <b>2017</b> , 272-273, 128-146	2.9	19

511	Creep of mafic dykes infiltrated by melt in the lower continental crust (Seiland Igneous Province, Norway). <i>Lithos</i> , <b>2017</b> , 274-275, 169-187	2.9	5
510	Apatite trace element and isotope applications to petrogenesis and provenance. <i>American Mineralogist</i> , <b>2017</b> , 102, 75-84	2.9	40
509	Olivine-hosted melt inclusions as an archive of redox heterogeneity in magmatic systems. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 479, 192-205	5.3	27
508	Evidence for melting mud in Earth's mantle from extreme oxygen isotope signatures in zircon. <i>Geology</i> , <b>2017</b> , 45, 975-978	5	55
507	Earthquakes as Precursors of Ductile Shear Zones in the Dry and Strong Lower Crust. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2017</b> , 18, 4356-4374	3.6	45
506	Experimental Simulations of Magma Storage and Ascent. <i>Advances in Volcanology</i> , <b>2017</b> , 101-110	0	4
505	Petrological and experimental evidence for differentiation of water-rich magmas beneath St. Kitts, Lesser Antilles. <i>Contributions To Mineralogy and Petrology</i> , <b>2017</b> , 172, 98	3.5	25
504	Effect of water on the fluorine and chlorine partitioning behavior between olivine and silicate melt. <i>Contributions To Mineralogy and Petrology</i> , <b>2017</b> , 172, 15	3.5	8
503	Giant magmatic water reservoirs at mid-crustal depth inferred from electrical conductivity and the growth of the continental crust. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 457, 173-180	5.3	59
502	Deep mixing of mantle melts beneath continental flood basalt provinces: Constraints from olivine-hosted melt inclusions in primitive magmas. <i>Geochimica Et Cosmochimica Acta</i> , <b>2017</b> , 196, 36-57	5.5	26
501	Experimental and Theoretical Evidence for Surface-Induced Carbon and Nitrogen Fractionation during Diamond Crystallization at High Temperatures and High Pressures. <i>Crystals</i> , <b>2017</b> , 7, 190	2.3	6
500	The origin of Earth's first continents and the onset of plate tectonics. <i>Geology</i> , <b>2016</b> , 44, 855-858	5	54
499	Tectonic settings of continental crust formation: Insights from Pb isotopes in feldspar inclusions in zircon. <i>Geology</i> , <b>2016</b> , 44, 819-822	5	11
498	The role of changing geodynamics in the progressive contamination of Late Cretaceous to Late Miocene arc magmas in the southern Central Andes. <i>Lithos</i> , <b>2016</b> , 262, 169-191	2.9	26
497	An experimental study of amphibole stability in low-pressure granitic magmas and a revised Al-in-hornblende geobarometer. <i>Contributions To Mineralogy and Petrology</i> , <b>2016</b> , 171, 1	3.5	168
496	A matter of time: The importance of the duration of UHT metamorphism. <i>Journal of Mineralogical and Petrological Sciences</i> , <b>2016</b> , 111, 50-72	0.9	94
495	Trace element thermometry of garnet-clinopyroxene pairs. <i>American Mineralogist</i> , <b>2016</b> , 101, 1438-1450	2.9	5
494	The Late Cryogenian Warm Interval, NE Svalbard: Chemostratigraphy and genesis. <i>Precambrian Research</i> , <b>2016</b> , 281, 128-154	3.9	19

493	An apatite for progress: Inclusions in zircon and titanite constrain petrogenesis and provenance. <i>Geology</i> , <b>2016</b> , 44, 91-94	5	40
492	Halogen (F, Cl, Br, I) behaviour in subducting slabs: A study of lawsonite blueschists in western Turkey. <i>Earth and Planetary Science Letters</i> , <b>2016</b> , 442, 133-142	5.3	33
491	Mid-Miocene record of large-scale Snake River type explosive volcanism and associated subsidence on the Yellowstone hotspot track: The Cassia Formation of Idaho, USA. <i>Bulletin of the Geological Society of America</i> , <b>2016</b> , 128, 1121-1146	3.9	22
490	Late-stage volatile saturation as a potential trigger for explosive volcanic eruptions. <i>Nature Geoscience</i> , <b>2016</b> , 9, 249-254	18.3	71
489	Extensive, water-rich magma reservoir beneath southern Montserrat. <i>Lithos</i> , <b>2016</b> , 252-253, 216-233	2.9	25
488	Textural and chemical consequences of interaction between hydrous mafic and felsic magmas: an experimental study. <i>Contributions To Mineralogy and Petrology</i> , <b>2016</b> , 171, 1	3.5	50
487	Primary aragonite and high-Mg calcite in the late Cambrian (Furongian). Potential evidence from marine carbonates in Oman. <i>Terra Nova</i> , <b>2016</b> , 28, 306-315	3	6
486	Understanding cold bias: Variable response of skeletal Sr/Ca to seawater pCO <sub>2</sub> in acclimated massive <i>Porites</i> corals. <i>Scientific Reports</i> , <b>2016</b> , 6, 26888	4.9	16
485	Reply to comment by Marks et al. (2016) on Apatite: A new redox proxy for silicic magmas? [Geochimica et Cosmochimica Acta 132 (2014) 1011-19]. <i>Geochimica Et Cosmochimica Acta</i> , <b>2016</b> , 183, 271-273	5.5	1
484	New evidence for Palaeoproterozoic high grade metamorphism in the Trivandrum Block, Southern India. <i>Precambrian Research</i> , <b>2016</b> , 280, 120-138	3.9	24
483	Trace element composition of silicate inclusions in sub-lithospheric diamonds from the Juina-5 kimberlite: Evidence for diamond growth from slab melts. <i>Lithos</i> , <b>2016</b> , 265, 108-124	2.9	24
482	The impact of degassing on the oxidation state of basaltic magmas: A case study of Kilauea volcano. <i>Earth and Planetary Science Letters</i> , <b>2016</b> , 450, 317-325	5.3	82
481	Presalt stratigraphy and depositional systems in the Kwanza Basin, offshore Angola. <i>AAPG Bulletin</i> , <b>2016</b> , 100, 1135-1164	2.5	61
480	Experimental Evidence for Polybaric Differentiation of Primitive Arc Basalt beneath St. Vincent, Lesser Antilles. <i>Journal of Petrology</i> , <b>2015</b> , 56, 161-192	3.9	64
479	Insights Into Mixing, Fractionation, and Degassing of Primitive Melts at Kilauea Volcano, Hawaii. <i>Geophysical Monograph Series</i> , <b>2015</b> , 323-349	1.1	3
478	Megacrystals track magma convection between reservoir and surface. <i>Earth and Planetary Science Letters</i> , <b>2015</b> , 413, 1-12	5.3	26
477	Boron isotopes in tourmaline from the ca. 3.7-3.8 Ga Isua supracrustal belt, Greenland: Sources for boron in Eoarchean continental crust and seawater. <i>Geochimica Et Cosmochimica Acta</i> , <b>2015</b> , 163, 156-177	5.5	32
476	Experimental phase equilibria of a Mount St. Helens rhyodacite: a framework for interpreting crystallization paths in degassing silicic magmas. <i>Contributions To Mineralogy and Petrology</i> , <b>2015</b> , 170, 1	3.5	19



475	Geodynamic controls on the contamination of Cenozoic arc magmas in the southern Central Andes: Insights from the O and Hf isotopic composition of zircon. <i>Geochimica Et Cosmochimica Acta</i> , <b>2015</b> , 164, 386-402	5.5	43
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88	Partitioning of high field-strength and rare-earth elements between amphibole and quartz-dioritic to tonalitic melts: an experimental study. <i>Chemical Geology</i> , <b>1997</b> , 138, 257-271	4.2	197
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5	Ion Probe U-Pb Dating of the Central Sakarya Basement: A peri-Gondwana Terrane Intruded by Late Lower Carboniferous Subduction/Collision-related Granitic Rocks		4
4	Metamorphic olivine records external fluid infiltration during serpentinite dehydration. <i>Geochemical Perspectives Letters</i> , 16, 25-29	3	3
3	Carbonatite Metasomatism of the Oceanic Upper Mantle: Evidence from Clinopyroxenes and Glasses in Ultramafic Xenoliths of Grande Comore, Indian Ocean		59
2	Megacrysts and Associated Xenoliths: Evidence for Migration of Geochemically Enriched Melts in the Upper Mantle beneath Scotland		26
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