

# Dieter Garbe-Schnberg

## 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.

286  
papers

10,355  
citations

54  
h-index

89  
g-index

319  
ext. papers

11,756  
ext. citations

4.6  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
286	Geochemistry and petrogenesis of alkaline rear-arc magmatism in NW Iran. <i>Lithos</i> , <b>2022</b> , 412-413, 106590.9	4.9	0
285	Heavy metal uptake of nearshore benthic foraminifera during multi-metal culturing experiments. <i>Biogeosciences</i> , <b>2022</b> , 19, 629-664	4.6	1
284	Geochemical evolution of the Rabaul volcanic complex, Papua New Guinea - Insights from HFSE, Sr-Nd-Hf, and Fe isotopes. <i>Lithos</i> , <b>2022</b> , 408-409, 106560	2.9	0
283	Petrogenesis of Lava from Christmas Island, Northeast Indian Ocean: Implications for the Nature of Recycled Components in Non-Plume Intraplate Settings. <i>Geosciences (Switzerland)</i> , <b>2022</b> , 12, 118	2.7	0
282	Fractionation of germanium and silicon during scavenging from seawater by marine Fe (oxy)hydroxides: Evidence from hydrogenetic ferromanganese crusts and nodules. <i>Chemical Geology</i> , <b>2022</b> , 595, 120791	4.2	1
281	Middle to Late Jurassic stable isotopes and element ratios of fossils from western India: Developing a reference temperature curve for northeastern Gondwana. <i>Global and Planetary Change</i> , <b>2022</b> , 212, 103795	4.2	0
280	Sub-arc mantle enrichment in the Sunda rear-arc inferred from HFSE systematics in high-K lavas from Java. <i>Contributions To Mineralogy and Petrology</i> , <b>2022</b> , 177, 1	3.5	0
279	High-resolution Ge-Si-Fe, Cr isotope and Th-U data for the Neoproterozoic Temagami BIF, Canada, suggest primary origin of BIF bands and oxidative terrestrial weathering 2.7 Ga ago. <i>Earth and Planetary Science Letters</i> , <b>2022</b> , 589, 117579	5.3	1
278	Mineralogy and geochemistry of lavas from the submarine lower caldera walls of Santorini Volcano (Greece). <i>Journal of Volcanology and Geothermal Research</i> , <b>2022</b> , 427, 107556	2.8	0
277	Hikurangi Plateau subduction a trigger for Vitiaz arc splitting and Havre Trough opening (southwestern Pacific). <i>Geology</i> , <b>2021</b> , 49, 536-540	5	2
276	Stable isotopes ( $\delta^{13}\text{C}$ , $\delta^{18}\text{O}$ ) and element ratios (Mg/Ca, Sr/Ca) of Jurassic belemnites, bivalves and brachiopods from the Neuquén Basin (Argentina): challenges and opportunities for palaeoenvironmental reconstructions. <i>Journal of the Geological Society</i> , <b>2021</b> , 178, jgs2020-163	2.7	1
275	Geochemical and Isotopic Evolution of Late Oligocene Magmatism in Quchan, NE Iran. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2021GC009973	3.6	1
274	High-Ca vent fluids discharged from the Lutao arc volcanic hydrothermal system are associated with albitization and recycling of marine carbonate. <i>Chemical Geology</i> , <b>2021</b> , 585, 120583	4.2	0
273	Convective isolation of Hadean mantle reservoirs through Archean time. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	10
272	The first continuous late Pleistocene tephra record from Kamchatka Peninsula (NW Pacific) and its volcanological and paleogeographic implications. <i>Quaternary Science Reviews</i> , <b>2021</b> , 257, 106838	3.9	4
271	Gigantic eruption of a Carpathian volcano marks the largest Miocene transgression of Eastern Paratethys. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 563, 116890	5.3	1
270	Modern and sub-fossil corals suggest reduced temperature variability in the eastern pole of the Indian Ocean Dipole during the medieval climate anomaly. <i>Scientific Reports</i> , <b>2021</b> , 11, 14952	4.9	0

269	Assessment of elemental fractionation and matrix effects during in situ RbBr dating of phlogopite by LA-ICP-MS/MS: implications for the accuracy and precision of mineral ages. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2021</b> , 36, 322-344	3.7	7
268	Basalt Geochemistry and Mantle Flow During Early Backarc Basin Evolution: Havre Trough and Kermadec Arc, Southwest Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2020GC009339	3.6	2
267	Formation of Igneous Layering in the Lower Oceanic Crust From the Samail Ophiolite, Sultanate of Oman. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2021</b> , 126, e2020JB019573	3.6	5
266	El Niño Southern Oscillation and internal sea surface temperature variability in the tropical Indian Ocean since 1675. <i>Climate of the Past</i> , <b>2021</b> , 17, 151-170	3.9	2
265	First record of stable isotopes ( $\delta^{13}C$ , $\delta^{18}O$ ) and element ratios (Mg/Ca, Sr/Ca) of Middle to Late Jurassic belemnites from the Indian Himalayas and their potential for palaeoenvironmental reconstructions. <i>Journal of Palaeogeography</i> , <b>2021</b> , 10,	2.5	1
264	Fluid source, element mobility and physicochemical conditions of porphyry-style hydrothermal alteration-mineralization at Mirkhani, Southern Chitral, Pakistan. <i>Ore Geology Reviews</i> , <b>2021</b> , 135, 104222	3.2	1
263	Multi-Stage Hydrothermal Veins in Layered Gabbro of the Oman Ophiolite: Implications for Focused Fluid Circulation in the Lower Oceanic Crust. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2021</b> , 126, e2021JB022349	3.6	2
262	Papanin Ridge and Ojin Rise Seamounts (Northwest Pacific): Dual Hotspot Tracks Formed by the Shatsky Plume. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2021</b> , 22, e2021GC009847	3.6	2
261	Gallium-aluminum systematics of marine hydrogenetic ferromanganese crusts: Inter-oceanic differences and fractionation during scavenging. <i>Geochimica Et Cosmochimica Acta</i> , <b>2021</b> , 310, 187-204	5.5	3
260	Strong Southern African Monsoon and weak Mozambique Channel throughflow during Heinrich events: Implication for Agulhas leakage. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 574, 117148	5.3	2
259	>2.7 Ga metamorphic peridotites from southeast Greenland record the oxygen isotope composition of Archean seawater. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 544, 116331	5.3	11
258	Geochemical time series of hydrothermal fluids from the slow-spreading Mid-Atlantic Ridge: Implications of medium-term stability. <i>Chemical Geology</i> , <b>2020</b> , 552, 119760	4.2	1
257	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> , <b>2020</b> , 85, 55-75	5.1	7
256	Geochemistry of Etendeka magmatism: Spatial heterogeneity in the Tristan-Gough plume head. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 535, 116123	5.3	3
255	Corals reveal ENSO-driven synchrony of climate impacts on both terrestrial and marine ecosystems in northern Borneo. <i>Scientific Reports</i> , <b>2020</b> , 10, 3678	4.9	4
254	A tidal-influenced hydrothermal system temporarily cooled by a tropical storm. <i>Journal of Volcanology and Geothermal Research</i> , <b>2020</b> , 393, 106792	2.8	2
253	Surface and subsurface Labrador Shelf water mass conditions during the last 6000 years. <i>Climate of the Past</i> , <b>2020</b> , 16, 1127-1143	3.9	1
252	TephraKam: geochemical database of glass compositions in tephra and welded tuffs from the Kamchatka volcanic arc (northwestern Pacific). <i>Earth System Science Data</i> , <b>2020</b> , 12, 469-486	10.5	15

251	Microbial Community Compositions and Geochemistry of Sediments with Increasing Distance to the Hydrothermal Vent Outlet in the Kairei Field. <i>Geomicrobiology Journal</i> , <b>2020</b> , 37, 242-254	2.5	4
250	Stress in the tropics? Impact of a latitudinal seawater $\delta^{18}\text{O}$ gradient on Middle Jurassic temperature reconstructions at low latitudes. <i>Geology</i> , <b>2020</b> , 48, 1210-1215	5	6
249	Global variability in seawater Mg:Ca and Sr:Ca ratios in the modern ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 22281-22292	11.5	21
248	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> , <b>2020</b> , 104, 102879	2	2
247	Geochemical characterization of highly diverse hydrothermal fluids from volcanic vent systems of the Kermadec intraoceanic arc. <i>Chemical Geology</i> , <b>2019</b> , 528, 119289	4.2	14
246	Paired Li/Ca and $\delta^{18}\text{O}$ peaks in bivalve shells from the Gulf of Panama mark seasonal coastal upwelling. <i>Chemical Geology</i> , <b>2019</b> , 529, 119295	4.2	3
245	Detection of Gold Nanoparticles in Hydrothermal Fluids. <i>Economic Geology</i> , <b>2019</b> , 114, 397-400	4.3	13
244	Volatile Chalcophile Elements in Native Sulfur from a Submarine Hydrothermal System at Kueishantao, Offshore NE Taiwan. <i>Minerals (Basel, Switzerland)</i> , <b>2019</b> , 9, 245	2.4	6
243	Petrogenetic evolution of metabasalts and metakomatiites of the lower Onverwacht Group, Barberton Greenstone Belt (South Africa). <i>Chemical Geology</i> , <b>2019</b> , 511, 152-177	4.2	22
242	Labrador Sea freshening at 8.5 ka BP caused by Hudson Bay Ice Saddle collapse. <i>Nature Communications</i> , <b>2019</b> , 10, 586	17.4	12
241	Nano-Powdered Calcium Carbonate Reference Materials: Significant Progress for Microanalysis?. <i>Geostandards and Geoanalytical Research</i> , <b>2019</b> , 43, 595-609	3.6	17
240	Deep hydrous mantle reservoir provides evidence for crustal recycling before 3.3 billion years ago. <i>Nature</i> , <b>2019</b> , 571, 555-559	50.4	39
239	The role of nanoparticles in mediating element deposition and transport at hydrothermal vents. <i>Geochimica Et Cosmochimica Acta</i> , <b>2019</b> , 261, 113-131	5.5	10
238	Earthquake and typhoon trigger unprecedented transient shifts in shallow hydrothermal vents biogeochemistry. <i>Scientific Reports</i> , <b>2019</b> , 9, 16926	4.9	6
237	Mechanisms of Pb supply and removal in two remote (sub-)polar ocean regions. <i>Marine Pollution Bulletin</i> , <b>2019</b> , 149, 110659	6.7	2
236	Reef-Scale-Dependent Response of Massive Porites Corals From the Central Indian Ocean to Prolonged Thermal Stress: Evidence From Coral Sr/Ca Measurements. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 1468-1484	3.6	5
235	20th Century $\delta^{18}\text{O}$ Seawater and Salinity Variations Reconstructed From Paired $\delta^{18}\text{O}$ and Sr/Ca Measurements of a La Reunion Coral. <i>Paleoceanography and Paleoclimatology</i> , <b>2019</b> , 34, 2183-2200	3.3	6
234	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> , <b>2019</b> , 245, 16-34	5.5	17

233	Nature and origin of the Mozambique Ridge, SW Indian Ocean. <i>Chemical Geology</i> , <b>2019</b> , 507, 9-22	4.2	11
232	Orogenic gold formation in an evolving, decompressing hydrothermal system: Genesis of the Samut gold deposit, Eastern Desert, Egypt. <i>Ore Geology Reviews</i> , <b>2019</b> , 105, 236-257	3.2	17
231	Second-stage Caribbean Large Igneous Province volcanism: The depleted Icing on the enriched Cake. <i>Chemical Geology</i> , <b>2019</b> , 509, 45-63	4.2	14
230	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> , <b>2019</b> , 326-327, 540-555	2.9	3
229	Effect of boiling on the acidity of hydrothermal solutions. <i>Contributions To Mineralogy and Petrology</i> , <b>2019</b> , 174, 1	3.5	1
228	In-vivo turnover frequency of the cyanobacterial NiFe-hydrogenase during photohydrogen production outperforms in-vitro systems. <i>Scientific Reports</i> , <b>2018</b> , 8, 6083	4.9	11
227	Constraints on lithosphere-asthenosphere melt mixing in basaltic intraplate volcanism from olivine melt inclusions from southern Payenia, Argentina. <i>Lithos</i> , <b>2018</b> , 310-311, 225-240	2.9	3
226	First identification of cryptotephra from the Kamchatka Peninsula in a Greenland ice core: Implications of a widespread marker deposit that links Greenland to the Pacific northwest. <i>Quaternary Science Reviews</i> , <b>2018</b> , 181, 200-206	3.9	21
225	Global distribution of the HIMU end member: Formation through Archean plume-lid tectonics. <i>Earth-Science Reviews</i> , <b>2018</b> , 182, 85-101	10.2	24
224	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> , <b>2018</b> , 310-311, 314-331	2.9	8
223	Unexpected HIMU-type late-stage volcanism on the Walvis Ridge. <i>Earth and Planetary Science Letters</i> , <b>2018</b> , 492, 251-263	5.3	16
222	Redox changes in a seafloor hydrothermal system recorded in hematite-chalcopyrite chimneys. <i>Chemical Geology</i> , <b>2018</b> , 483, 351-371	4.2	10
221	Combined LA-ICP-MS microanalysis of iodine, bromine and chlorine in fluid inclusions. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2018</b> , 33, 768-783	3.7	16
220	Heavy metals from Kueishantao shallow-sea hydrothermal vents, offshore northeast Taiwan. <i>Journal of Marine Systems</i> , <b>2018</b> , 180, 211-219	2.7	15
219	Cretaceous seawater and hydrothermal fluid compositions recorded in abiogenic carbonates from the Troodos Ophiolite, Cyprus. <i>Chemical Geology</i> , <b>2018</b> , 494, 43-55	4.2	7
218	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> , <b>2018</b> , 493, 553-566	4.2	14
217	Tracking Interannual- to Multidecadal-Scale Climate Variability in the Atlantic Warm Pool Using Central Caribbean Coral Data. <i>Paleoceanography and Paleoclimatology</i> , <b>2018</b> , 33, 395-411	3.3	6
216	Experimental calibration and implications of olivine-melt vanadium oxybarometry for hydrous basaltic arc magmas. <i>American Mineralogist</i> , <b>2018</b> , 103, 369-383	2.9	18

215	Belingwe komatiites (2.7 Ga) originate from a plume with moderate water content, as inferred from inclusions in olivine. <i>Chemical Geology</i> , <b>2018</b> , 478, 39-59	4.2	16
214	Holocene tephra from the Chukchi-Alaskan margin, Arctic Ocean: Implications for sediment chronostratigraphy and volcanic history. <i>Quaternary Geochronology</i> , <b>2018</b> , 45, 85-97	2.7	6
213	Boiling-induced formation of colloidal gold in black smoker hydrothermal fluids. <i>Geology</i> , <b>2018</b> , 46, 39-43		28
212	Large-magnitude Pauzhetka caldera-forming eruption in Kamchatka: Astrochronologic age, composition and tephra dispersal. <i>Journal of Volcanology and Geothermal Research</i> , <b>2018</b> , 366, 1-12	2.8	7
211	Hydrothermal fault zones in the lower oceanic crust: An example from Wadi Gideah, Samail ophiolite, Oman. <i>Lithos</i> , <b>2018</b> , 323, 103-124	2.9	23
210	Trace element systematics and Nd, Sr and Pb isotopes of Pliocene flood basalt magmas (Ethiopian rift): A case for Afar plume-lithosphere interaction. <i>Chemical Geology</i> , <b>2018</b> , 493, 172-188	4.2	8
209	Roll-Back, Extension and Mantle Upwelling Triggered Eocene Potassic Magmatism in NW Iran. <i>Journal of Petrology</i> , <b>2018</b> , 59, 1417-1465	3.9	27
208	Time-resolved interaction of seawater with gabbro: An experimental study of rare-earth element behavior up to 475 °C, 100 MPa. <i>Geochimica Et Cosmochimica Acta</i> , <b>2017</b> , 197, 167-192	5.5	6
207	In situ Rb/Sr and K/Ar dating by LA-ICP-MS/MS: an evaluation of N <sub>2</sub> O and SF <sub>6</sub> as reaction gases. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2017</b> , 32, 305-313	3.7	53
206	Influence of environmental conditions on the distribution of Amphipoda, Talitridae, in the lagoon complex of Ghar El Melh (north-east of Tunisia). <i>African Journal of Ecology</i> , <b>2017</b> , 55, 451-464	0.8	1
205	Boninite-like intraplate magmas from Manihiki Plateau require ultra-depleted and enriched source components. <i>Nature Communications</i> , <b>2017</b> , 8, 14322	17.4	30
204	OIB signatures in basin-related lithosphere-derived alkaline basalts from the Batain basin (Oman) [Constraints from <sup>40</sup> Ar/ <sup>39</sup> Ar ages and Nd/Sr/Pb/Sm isotopes. <i>Lithos</i> , <b>2017</b> , 286-287, 109-124	2.9	4
203	Boiling vapour-type fluids from the Nifonea vent field (New Hebrides Back-Arc, Vanuatu, SW Pacific): Geochemistry of an early-stage, post-eruptive hydrothermal system. <i>Geochimica Et Cosmochimica Acta</i> , <b>2017</b> , 207, 185-209	5.5	19
202	Geochemical and Nd-Sr-Pb isotope characteristics of synorogenic lower crust-derived granodiorites (Central Damara orogen, Namibia). <i>Lithos</i> , <b>2017</b> , 274-275, 397-411	2.9	13
201	Holocene evolution of the North Atlantic subsurface transport. <i>Climate of the Past</i> , <b>2017</b> , 13, 333-344	3.9	23
200	Zinc distribution and localization in primed maize seeds and its translocation during early seedling development. <i>Environmental and Experimental Botany</i> , <b>2017</b> , 143, 91-98	5.9	22
199	Siderite cannot be used as CO <sub>2</sub> sensor for Archaean atmospheres. <i>Geochimica Et Cosmochimica Acta</i> , <b>2017</b> , 214, 209-225	5.5	11
198	Past summer upwelling events in the Gulf of Oman derived from a coral geochemical record. <i>Scientific Reports</i> , <b>2017</b> , 7, 4568	4.9	13

197	Indian Ocean corals reveal crucial role of World War II bias for twentieth century warming estimates. <i>Scientific Reports</i> , <b>2017</b> , 7, 14434	4.9	14
196	Endemic hydrothermal vent species identified in the open ocean seed bank. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16086	26.6	32
195	Impact of warming events on reef-scale temperature variability as captured in two Little Cayman coral Sr/Ca records. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 846-857	3.6	12
194	Compositional variation and <sup>226</sup> Ra- <sup>230</sup> Th model ages of axial lavas from the southern Mid-Atlantic Ridge, 8°48'S. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 199-218	3.6	3
193	FeMnOx-1: A new microanalytical reference material for the investigation of MnBe rich geological samples. <i>Chemical Geology</i> , <b>2016</b> , 432, 34-40	4.2	13
192	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> , <b>2016</b> , 185, 141-159	5.5	10
191	High-resolution Sr/Ca ratios in a <i>Porites lutea</i> coral from Lakshadweep Archipelago, southeast Arabian Sea: An example from a region experiencing steady rise in the reef temperature. <i>Journal of Geophysical Research: Oceans</i> , <b>2016</b> , 121, 252-266	3.3	18
190	Tectonic dissection and displacement of parts of Shona hotspot volcano 3500 km along the Agulhas-Falkland Fracture Zone. <i>Geology</i> , <b>2016</b> , 44, 263-266	5	17
189	Gold enrichment in active geothermal systems by accumulating colloidal suspensions. <i>Nature Geoscience</i> , <b>2016</b> , 9, 299-302	18.3	36
188	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> , <b>2016</b> , 441, 167-177	5.3	21
187	A change in coral extension rates and stable isotopes after El Niño-induced coral bleaching and regional stress events. <i>Scientific Reports</i> , <b>2016</b> , 6, 32879	4.9	22
186	Komatiites reveal a hydrous Archaean deep-mantle reservoir. <i>Nature</i> , <b>2016</b> , 531, 628-32	50.4	104
185	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> , <b>2016</b> , 185, 302-327	5.5	24
184	Petrogenesis and origin of modern Ethiopian rift basalts: Constraints from isotope and trace element geochemistry. <i>Lithos</i> , <b>2016</b> , 258-259, 1-14	2.9	26
183	Geochemical characterization of two distinctive systems with evidence of chemosynthetic activity, explored at the SE Pacific margin off Chile (46°S and 33°S). <i>Progress in Oceanography</i> , <b>2016</b> , 148, 26-43	3.8	1
182	How and when plume zonation appeared during the 132 Myr evolution of the Tristan Hotspot. <i>Nature Communications</i> , <b>2015</b> , 6, 7799	17.4	84
181	Interaction between felsic and mafic magmas in the Salmas intrusive complex, Northwestern Iran: Constraints from petrography and geochemistry. <i>Journal of Asian Earth Sciences</i> , <b>2015</b> , 111, 440-458	2.8	6
180	Biodiversity of Talitridae family (Crustacea, Amphipoda) in some Tunisian coastal lagoons. <i>Zoological Studies</i> , <b>2015</b> , 54, e17	0.6	11

179	Petrology of ferroan alkali-calcic granites: Synorogenic high-temperature melting of undepleted felsic lower crust (Damara orogen, Namibia). <i>Lithos</i> , <b>2015</b> , 224-225, 114-125	2.9	19
178	Characterisation of a Natural Quartz Crystal as a Reference Material for Microanalytical Determination of Ti, Al, Li, Fe, Mn, Ga and Ge. <i>Geostandards and Geoanalytical Research</i> , <b>2015</b> , 39, 171-184 <sup>3,6</sup>		57
177	Response of the subtropical North Atlantic surface hydrography on deglacial and Holocene AMOC changes. <i>Paleoceanography</i> , <b>2015</b> , 30, 456-476		26
176	Refining <i>C. wuellerstorfi</i> and <i>H. elegans</i> Mg/Ca temperature calibrations. <i>Marine Micropaleontology</i> , <b>2015</b> , 121, 70-84	1.7	8
175	Northern source for Deglacial and Holocene deepwater composition changes in the Eastern North Atlantic Basin. <i>Earth and Planetary Science Letters</i> , <b>2015</b> , 425, 256-267	5.3	6
174	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> , <b>2015</b> , 56, 1495-1518	3.9	35
173	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> , <b>2015</b> , 305, 84-99	2.8	6
172	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> , <b>2015</b> , 212-215, 214-230	2.9	5
171	New insights into the mineralogy of the Atlantis II Deep metalliferous sediments, Red Sea. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2015</b> , 16, 4449-4478	3.6	14
170	Sediment flow routing during formation of forearc basins: Constraints from integrated analysis of detrital pyroxenes and stratigraphy in the Kumano Basin, Japan. <i>Earth and Planetary Science Letters</i> , <b>2015</b> , 414, 164-175	5.3	19
169	Constraints on the formation of geochemically variable plagiogranite intrusions in the Troodos Ophiolite, Cyprus. <i>Contributions To Mineralogy and Petrology</i> , <b>2014</b> , 167, 1	3.5	35
168	Seychelles coral record of changes in sea surface temperature bimodality in the western Indian Ocean from the Mid-Holocene to the present. <i>Climate Dynamics</i> , <b>2014</b> , 43, 689-708	4.2	13
167	Petrography and geochemistry of Cretaceous to quaternary siliciclastic rocks in the Tarfaya basin, SW Morocco: implications for tectonic setting, weathering, and provenance. <i>International Journal of Earth Sciences</i> , <b>2014</b> , 103, 265-280	2.2	6
166	Insights from trace element geochemistry as to the roles of subduction zone geometry and subduction input on the chemistry of arc magmas. <i>International Journal of Earth Sciences</i> , <b>2014</b> , 103, 1929-1944 <sup>2,22</sup>		
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28	Existence of complex spatial zonation in the Galapagos plume. <i>Geology</i> , <b>2000</b> , 28, 435-438	5	7
27	PLATINUM AND OTHER RELATED ELEMENT ENRICHMENTS IN PACIFIC FERROMANGANESE CRUST DEPOSITS <b>2000</b> , 287-308		8
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