

# Dieter Garbe-Schnberg

## List of Publications by Citations

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286  
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10,355  
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54  
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89  
g-index

319  
ext. papers

11,756  
ext. citations

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L-index

#	Paper	IF	Citations
286	Post-Collisional Transition from Subduction- to Intraplate-type Magmatism in the Westernmost Mediterranean: Evidence for Continental-Edge Delamination of Subcontinental Lithosphere. <i>Journal of Petrology</i> , <b>2005</b> , 46, 1155-1201	3.9	387
285	SIMULTANEOUS DETERMINATION OF THIRTY-SEVEN TRACE ELEMENTS IN TWENTY-EIGHT INTERNATIONAL ROCK STANDARDS BY ICP-MS. <i>Geostandards and Geoanalytical Research</i> , <b>1993</b> , 17, 81-97	3.6	304
284	Geochemistry of oceanic carbonatites compared with continental carbonatites: mantle recycling of oceanic crustal carbonate. <i>Contributions To Mineralogy and Petrology</i> , <b>2002</b> , 142, 520-542	3.5	300
283	Final closure of Panama and the onset of northern hemisphere glaciation. <i>Earth and Planetary Science Letters</i> , <b>2005</b> , 237, 33-44	5.3	263
282	Teleconnections Between the Subtropical Monsoons and High-Latitude Climates During the Last Deglaciation. <i>Science</i> , <b>1996</b> , 272, 526-529	33.3	247
281	Geochemistry of hydrothermal fluids from the ultramafic-hosted Logatchev hydrothermal field, 15°N on the Mid-Atlantic Ridge: Temporal and spatial investigation. <i>Chemical Geology</i> , <b>2007</b> , 242, 1-21	4.2	208
280	Trace-element mobilization in slabs due to non steady-state fluid/rock interaction: Constraints from an eclogite-facies transport vein in blueschist (Tianshan, China). <i>Lithos</i> , <b>2008</b> , 103, 1-24	2.9	198
279	Controls on shell Mg/Ca and Sr/Ca in cultured planktonic foraminiferan, <i>Globigerinoides ruber</i> (white). <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 273, 260-269	5.3	192
278	Petrology and geochemistry of crustally contaminated komatiitic basalts from the Vetreny Belt, southeastern Baltic Shield: Evidence for an early Proterozoic mantle plume beneath rifted Archean continental lithosphere. <i>Geochimica Et Cosmochimica Acta</i> , <b>1997</b> , 61, 1205-1222	5.5	170
277	Mechanisms of Archean crust formation inferred from high-precision HFSE systematics in TTGs. <i>Geochimica Et Cosmochimica Acta</i> , <b>2011</b> , 75, 4157-4178	5.5	152
276	Missing history (1671 Ma) of the Galápagos hotspot: Implications for the tectonic and biological evolution of the Americas. <i>Geology</i> , <b>2002</b> , 30, 795	5	147
275	Cenozoic intraplate volcanism on New Zealand: Upwelling induced by lithospheric removal. <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 248, 350-367	5.3	144
274	Interlaboratory study for coral Sr/Ca and other element/Ca ratio measurements. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2013</b> , 14, 3730-3750	3.6	140
273	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> , <b>2006</b> , 47, 1705-1749	3.9	130
272	Processes controlling trace element geochemistry of Arabian Sea sediments during the last 25,000 years. <i>Global and Planetary Change</i> , <b>2000</b> , 26, 217-303	4.2	130
271	Hydrothermal venting at pressure-temperature conditions above the critical point of seawater, 5°S on the Mid-Atlantic Ridge. <i>Geology</i> , <b>2008</b> , 36, 615	5	128
270	Age and geochemistry of basaltic complexes in western Costa Rica: Contributions to the geotectonic evolution of Central America. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2000</b> , 1,	3.6	123

269	Combined mantle plume-island arc model for the formation of the 2.9 ga sumozero-kenozero greenstone belt, se baltic shield: isotope and trace element constraints. <i>Geochimica Et Cosmochimica Acta</i> , <b>1999</b> , 63, 3579-3595	5.5	123
268	Earlier history of the 170-Ma-old Canary hotspot based on the temporal and geochemical evolution of the Selvagen Archipelago and neighboring seamounts in the eastern North Atlantic. <i>Journal of Volcanology and Geothermal Research</i> , <b>2001</b> , 111, 55-87	2.8	115
267	Existence of complex spatial zonation in the Galapagos plume. <i>Geology</i> , <b>2000</b> , 28, 435	5	114
266	Calibrating Mg/Ca ratios of multiple planktonic foraminiferal species with $\delta^{18}O$ -calcification temperatures: Paleothermometry for the upper water column. <i>Earth and Planetary Science Letters</i> , <b>2009</b> , 278, 324-336	5.3	110
265	Temporal and geochemical evolution of the Cenozoic intraplate volcanism of Zealandia. <i>Earth-Science Reviews</i> , <b>2010</b> , 98, 38-64	10.2	110
264	Komatiites reveal a hydrous Archaean deep-mantle reservoir. <i>Nature</i> , <b>2016</b> , 531, 628-32	50.4	104
263	Assessing the effect of dissolution on planktonic foraminiferal Mg/Ca ratios: Evidence from Caribbean core tops. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2006</b> , 7, n/a-n/a	3.6	103
262	Age and geochemistry of volcanic rocks from the Hikurangi and Manihiki oceanic Plateaus. <i>Geochimica Et Cosmochimica Acta</i> , <b>2010</b> , 74, 7196-7219	5.5	99
261	Effect of organic matrices on the determination of the trace element chemistry (Mg, Sr, Mg/Ca, Sr/Ca) of aragonitic bivalve shells ( <i>Arctica islandica</i> )&mdash;Comparison of ICP-OES and LA-ICP-MS data. <i>Geochemical Journal</i> , <b>2010</b> , 44, 23-37	0.9	96
260	Surface ocean iron fertilization: The role of airborne volcanic ash from subduction zone and hot spot volcanoes and related iron fluxes into the Pacific Ocean. <i>Global Biogeochemical Cycles</i> , <b>2011</b> , 25, n/a-n/a	5.9	93
259	Drastic shift in lava geochemistry in the volcanic-front to rear-arc region of the Southern Kamchatkan subduction zone: Evidence for the transition from slab surface dehydration to sediment melting. <i>Geochimica Et Cosmochimica Acta</i> , <b>2007</b> , 71, 452-480	5.5	92
258	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> , <b>2013</b> , 123, 218-243	5.5	89
257	Mobility of tungsten in subduction zones. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 274, 82-92	5.3	87
256	Prokaryotic phylogenetic diversity and corresponding geochemical data of the brine-seawater interface of the Shaban Deep, Red Sea. <i>Environmental Microbiology</i> , <b>2002</b> , 4, 758-63	5.2	87
255	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
254	Geochemical constraints on the petrogenesis of arc picrites and basalts, New Georgia Group, Solomon Islands. <i>Contributions To Mineralogy and Petrology</i> , <b>2004</b> , 148, 288-304	3.5	83
253	Nano-particulate pressed powder tablets for LA-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2014</b> , 29, 990-1000	3.7	82
252	Constraints on past plate and mantle motion from new ages for the Hawaiian-Emperor Seamount Chain. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2013</b> , 14, 4564-4584	3.6	81

251	Iron isotope fractionation in a buoyant hydrothermal plume, 5°S Mid-Atlantic Ridge. <i>Geochimica Et Cosmochimica Acta</i> , <b>2009</b> , 73, 5619-5634	5.5	81
250	Mid-Pliocene shifts in ocean overturning circulation and the onset of Quaternary-style climates. <i>Climate of the Past</i> , <b>2009</b> , 5, 269-283	3.9	79
249	Transition from arc to oceanic magmatism at the Kamchatka-Aleutian junction. <i>Geology</i> , <b>2005</b> , 33, 25	5	76
248	First observations of high-temperature submarine hydrothermal vents and massive anhydrite deposits off the north coast of Iceland. <i>Marine Geology</i> , <b>2001</b> , 177, 199-220	3.3	76
247	Global dissolution effects on planktonic foraminiferal Mg/Ca ratios controlled by the calcite-saturation state of bottom waters. <i>Paleoceanography</i> , <b>2014</b> , 29, 127-142		75
246	Calcium isotope ( $44/40\text{Ca}$ ) fractionation along hydrothermal pathways, Logatchev field (Mid-Atlantic Ridge, 14°45'N). <i>Geochimica Et Cosmochimica Acta</i> , <b>2008</b> , 72, 4107-4122	5.5	74
245	Megatsunami deposits on Kohala volcano, Hawaii, from flank collapse of Mauna Loa. <i>Geology</i> , <b>2004</b> , 32, 741	5	72
244	Subducted seamounts in an eclogite-facies ophiolite sequence: the Andean Raspas Complex, SW Ecuador. <i>Contributions To Mineralogy and Petrology</i> , <b>2010</b> , 159, 265-284	3.5	70
243	Young volcanism and related hydrothermal activity at 5°S on the slow-spreading southern Mid-Atlantic Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2007</b> , 8, n/a-n/a	3.6	70
242	On- and off-axis chemical heterogeneities along the South Atlantic Mid-Ocean-Ridge (5°1°S): Shallow or deep recycling of ocean crust and/or intraplate volcanism?. <i>Earth and Planetary Science Letters</i> , <b>2011</b> , 306, 86-97	5.3	68
241	Reduction of N( $\beta$ -hydroxy-L-arginine by the mitochondrial amidoxime reducing component (mARC). <i>Biochemical Journal</i> , <b>2011</b> , 433, 383-91	3.8	68
240	Fluid elemental and stable isotope composition of the Nibelungen hydrothermal field (8°18'S, Mid-Atlantic Ridge): Constraints on fluid-rock interaction in heterogeneous lithosphere. <i>Chemical Geology</i> , <b>2011</b> , 280, 1-18	4.2	66
239	Pliocene Indonesian Throughflow and Leeuwin Current dynamics: Implications for Indian Ocean polar heat flux. <i>Paleoceanography</i> , <b>2011</b> , 26, n/a-n/a		64
238	Geochemical effects of dynamic melting beneath ridges: Reconciling major and trace element variations in Kolbeinsey (and global) mid-ocean ridge basalt. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 9077-9095		60
237	Beryllium isotopes in central Arctic Ocean sediments over the past 12.3 million years: Stratigraphic and paleoclimatic implications. <i>Paleoceanography</i> , <b>2008</b> , 23, n/a-n/a		59
236	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
235	Mantle dynamics, element recycling, and magma genesis beneath the Kermadec Arc-Havre Trough. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2002</b> , 3, 1-22	3.6	57
234	Source Apportionment of Pb Pollution in the Coastal Waters of Elefsis Bay, Greece. <i>Environmental Science &amp; Technology</i> , <b>1997</b> , 31, 1295-1301	10.3	54

233	Discovery of active hydrothermal venting in Lake Taupo, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , <b>2002</b> , 115, 257-275	2.8	54
232	In situ Rb/Rs 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
231	Mindanao Dome variability over the last 160 kyr: Episodic glacial cooling of the West Pacific Warm Pool. <i>Paleoceanography</i> , <b>2011</b> , 26,		53
230	A major and long-term Pliocene intensification of the Mediterranean outflow, 3.5-3.3 Ma ago. <i>Geology</i> , <b>2009</b> , 37, 811-814	5	53
229	Explosive silicic volcanism in Iceland and the Jan Mayen area during the last 6 Ma: sources and timing of major eruptions. <i>Journal of Volcanology and Geothermal Research</i> , <b>2001</b> , 107, 113-147	2.8	53
228	The provenance of Cretaceous to Quaternary sediments in the Tarfaya basin, SW Morocco: Evidence from trace element geochemistry and radiogenic Nd/Rs isotopes. <i>Journal of African Earth Sciences</i> , <b>2014</b> , 90, 64-76	2.2	52
227	Three monthly coral Sr/Ca records from the Chagos Archipelago covering the period of 1950-1995 A.D.: reproducibility and implications for quantitative reconstructions of sea surface temperature variations. <i>International Journal of Earth Sciences</i> , <b>2009</b> , 98, 53-66	2.2	52
226	Tectonomagmatic Constraints on the Sources of Eastern Mediterranean K-rich Lavas. <i>Journal of Petrology</i> , <b>2012</b> , 53, 27-65	3.9	51
225	Geochemistry of lavas from Mohns Ridge, Norwegian-Greenland Sea: implications for melting conditions and magma sources near Jan Mayen. <i>Contributions To Mineralogy and Petrology</i> , <b>1996</b> , 123, 223-237	3.5	48
224	Conditions of <i>Mytilus edulis</i> extracellular body fluids and shell composition in a pH-treatment experiment: Acid-base status, trace elements and $\delta^{13}C$ . <i>Geochemistry, Geophysics, Geosystems</i> , <b>2012</b> , 13, n/a-n/a	3.6	46
223	Lithium Isotope Variations in Ocean Island Basalts: Implications for the Development of Mantle Heterogeneity. <i>Journal of Petrology</i> , <b>2012</b> , 53, 2333-2347	3.9	46
222	A model for the formation of hydrothermal manganese crusts from the Pitcairn Island hotspot. <i>Geochimica Et Cosmochimica Acta</i> , <b>1997</b> , 61, 4583-4597	5.5	46
221	Formation of island arc dacite magmas by extreme crystal fractionation: An example from Brothers Seamount, Kermadec island arc (SW Pacific). <i>Journal of Volcanology and Geothermal Research</i> , <b>2006</b> , 152, 316-330	2.8	46
220	Early Holocene M <sub>6</sub> explosive eruption from Plosky volcanic massif (Kamchatka) and its tephra as a link between terrestrial and marine paleoenvironmental records. <i>International Journal of Earth Sciences</i> , <b>2013</b> , 102, 1673-1699	2.2	45
219	Petrogenesis of Lavas along the Solomon Island Arc, SW Pacific: Coupling of Compositional Variations and Subduction Zone Geometry. <i>Journal of Petrology</i> , <b>2009</b> , 50, 781-811	3.9	44
218	Formation and decay of a modern massive sulfide deposit in the Indian Ocean. <i>Mineralium Deposita</i> , <b>1998</b> , 33, 302-309	4.8	44
217	Rare earth element distribution in >400°C hot hydrothermal fluids from 5°S, MAR: The role of anhydrite in controlling highly variable distribution patterns. <i>Geochimica Et Cosmochimica Acta</i> , <b>2010</b> , 74, 4058-4077	5.5	43
216	Comprehensive chemical analyses of natural cordierites: implications for exchange mechanisms. <i>Lithos</i> , <b>2004</b> , 78, 389-409	2.9	43

215	Rare earth elements in suspended particulate material of North Atlantic surface waters. <i>Geochimica Et Cosmochimica Acta</i> , <b>2001</b> , 65, 187-199	5.5	43
214	70 Ma chemical zonation of the Tristan-Gough hotspot track. <i>Geology</i> , <b>2013</b> , 41, 335-338	5	42
213	Fe <sup>3+</sup> -oxyhydroxide deposits at a slow-spreading centre with thickened oceanic crust: The Lilliput hydrothermal field (9°33'S, Mid-Atlantic Ridge). <i>Chemical Geology</i> , <b>2010</b> , 278, 186-200	4.2	41
212	The mitochondrial Amidoxime Reducing Component (mARC) is involved in detoxification of N-hydroxylated base analogues. <i>Chemical Research in Toxicology</i> , <b>2012</b> , 25, 2443-50	4	40
211	Rapid 20th century warming in the Caribbean and impact of remote forcing on climate in the northern tropical Atlantic as recorded in a Guadeloupe coral. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2010</b> , 296, 111-124	2.9	40
210	Lifetime and cyclicity of fluid venting at forearc mound structures determined by tephrostratigraphy and radiometric dating of authigenic carbonates. <i>Geology</i> , <b>2008</b> , 36, 707	5	40
209	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
208	E-MORB glasses from the Gakkel Ridge (Arctic Ocean) at 87°N: evidence for the Earth's most northerly volcanic activity. <i>Earth and Planetary Science Letters</i> , <b>1997</b> , 152, 1-9	5.3	39
207	Trace metal fluxes to ferromanganese nodules from the western Baltic Sea as a record for long-term environmental changes. <i>Chemical Geology</i> , <b>2002</b> , 182, 697-709	4.2	39
206	Effect of gold alloying on stability of silver nanoparticles and control of silver ion release from vapor-deposited Ag <sub>2</sub> Au/polytetrafluoroethylene nanocomposites. <i>Gold Bulletin</i> , <b>2013</b> , 46, 3-11	1.6	38
205	Lithospheric control on geochemical composition along the Louisville Seamount Chain. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2011</b> , 12, n/a-n/a	3.6	38
204	Origin of trace gases in submarine hydrothermal vents of the Kolbeinsey Ridge, north Iceland. <i>Earth and Planetary Science Letters</i> , <b>1999</b> , 171, 83-93	5.3	38
203	Tuning of the ion release properties of silver nanoparticles buried under a hydrophobic polymer barrier. <i>Journal of Nanoparticle Research</i> , <b>2012</b> , 14, 1	2.3	37
202	Origins of CO <sub>2</sub> in permian carbonate reservoir rocks (Zechstein, Ca <sub>2</sub> ) of the NW-German Basin (Lower Saxony). <i>Chemical Geology</i> , <b>2006</b> , 227, 184-213	4.2	37
201	Origin of fluids and anhydrite precipitation in the sediment-hosted Grimsey hydrothermal field north of Iceland. <i>Chemical Geology</i> , <b>2003</b> , 202, 5-21	4.2	37
200	Gold enrichment in active geothermal systems by accumulating colloidal suspensions. <i>Nature Geoscience</i> , <b>2016</b> , 9, 299-302	18.3	36
199	Along and across arc geochemical variations in NW Central America: Evidence for involvement of lithospheric pyroxenite. <i>Geochimica Et Cosmochimica Acta</i> , <b>2012</b> , 84, 459-491	5.5	36
198	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

197	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
196	Sr/Ca and $\delta^{18}O$ in a fast-growing <i>Diploria strigosa</i> coral: Evaluation of a new climate archive for the tropical Atlantic. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2006</b> , 7, n/a-n/a	3.6	35
195	Pliocene climate change of the Southwest Pacific and the impact of ocean gateways. <i>Earth and Planetary Science Letters</i> , <b>2011</b> , 301, 117-124	5.3	34
194	Volcanism on the flanks of the East Pacific Rise: Quantitative constraints on mantle heterogeneity and melting processes. <i>Chemical Geology</i> , <b>2012</b> , 298-299, 41-56	4.2	33
193	Mid-Cretaceous Hawaiian tholeiites preserved in Kamchatka. <i>Geology</i> , <b>2008</b> , 36, 903	5	33
192	High-resolution methane profiles across anoxic brine-seawater boundaries in the Atlantis-II, Discovery, and Kebrt Deeps (Red Sea). <i>Chemical Geology</i> , <b>2003</b> , 200, 359-375	4.2	33
191	Endemic hydrothermal vent species identified in the open ocean seed bank. <i>Nature Microbiology</i> , <b>2016</b> , 1, 16086	26.6	32
190	Short-term microbial and physico-chemical variability in low-temperature hydrothermal fluids near 5 degrees S on the Mid-Atlantic Ridge. <i>Environmental Microbiology</i> , <b>2009</b> , 11, 2526-41	5.2	32
189	Hydrothermal activity and magma genesis along a propagating back-arc basin: Valu Fa Ridge (southern Lau Basin). <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		32
188	Paired $\delta^{48}S$ data from carbonate-associated sulfate and chromium-reducible sulfur across the traditional Lower-Middle Cambrian boundary of W-Gondwana. <i>Geochimica Et Cosmochimica Acta</i> , <b>2012</b> , 85, 228-253	5.5	31
187	Widespread occurrence of two carbon fixation pathways in tubeworm endosymbionts: lessons from hydrothermal vent associated tubeworms from the mediterranean sea. <i>Frontiers in Microbiology</i> , <b>2012</b> , 3, 423	5.7	31
186	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
185	The Pitcairn hotspot in the South Pacific: distribution and composition of submarine volcanic sequences. <i>Journal of Volcanology and Geothermal Research</i> , <b>2003</b> , 121, 219-245	2.8	30
184	Behavior of gold in a magma at sulfide-sulfate transition: Revisited. <i>American Mineralogist</i> , <b>2013</b> , 98, 1459-1464	2.9	29
183	Petrogenesis of Tertiary Hornblende-bearing Lavas in the Rhon, Germany. <i>Journal of Petrology</i> , <b>2013</b> , 54, 2095-2123	3.9	28
182	Boiling-induced formation of colloidal gold in black smoker hydrothermal fluids. <i>Geology</i> , <b>2018</b> , 46, 39-42		28
181	Confounding effects of coral growth and high SST variability on skeletal Sr/Ca: Implications for coral paleothermometry. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2013</b> , 14, 1277-1293	3.6	27
180	Scavenging and particle residence times determined from $^{234}Th/^{238}U$ disequilibria in the coastal waters of Mecklenburg Bay. <i>Applied Geochemistry</i> , <b>1998</b> , 13, 339-347	3.5	27

179	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
178	Response of the subtropical North Atlantic surface hydrography on deglacial and Holocene AMOC changes. <i>Paleoceanography</i> , <b>2015</b> , 30, 456-476		26
177	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
176	Late Pliocene variations of the Mediterranean outflow. <i>Marine Geology</i> , <b>2014</b> , 357, 182-194	3.3	25
175	Particulate and dissolved aluminum and titanium in the upper water column of the Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2013</b> , 73, 127-139	2.5	25
174	Plasma selenium in preterm and term infants during the first 12 months of life. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2001</b> , 14, 218-22	4.1	25
173	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
172	Cold-seep-driven carbonate deposits at the Central American forearc: contrasting evolution and timing in escarpment and mound settings. <i>International Journal of Earth Sciences</i> , <b>2014</b> , 103, 1845-1872	2.2	24
171	Bowers Ridge (Bering Sea): An Oligocene-Early Miocene island arc. <i>Geology</i> , <b>2012</b> , 40, 687-690	5	24
170	Magmatic evolution of the South Shetland Islands, Antarctica, and implications for continental crust formation. <i>Contributions To Mineralogy and Petrology</i> , <b>2012</b> , 163, 1103-1119	3.5	24
169	Identification of a widespread Kamchatkan tephra: A middle Pleistocene tie-point between Arctic and Pacific paleoclimatic records. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 3538-3543	4.9	24
168	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
167	Holocene evolution of the North Atlantic subsurface transport. <i>Climate of the Past</i> , <b>2017</b> , 13, 333-344	3.9	23
166	Alteration at the ultramafic-hosted Logatchev hydrothermal field: Constraints from trace element and Sr-O isotope data. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2012</b> , 13, n/a-n/a	3.6	23
165	Paired coral Sr/Ca and $\delta^{18}O$ records from the Chagos Archipelago: Late twentieth century warming affects rainfall variability in the tropical Indian Ocean. <i>Geology</i> , <b>2006</b> , 34, 1069	5	23
164	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
163	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
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