

Massimo Chiaradia

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.

176
papers

5,186
citations

45
h-index

63
g-index

199
ext. papers

6,065
ext. citations

4.1
avg, IF

6.31
L-index

#	Paper	IF	Citations
176	Arabia-Eurasia convergence and collision control on Cenozoic juvenile K-rich magmatism in the South Armenian block, Lesser Caucasus. <i>Earth-Science Reviews</i> , 2022 , 226, 103949	10.2	0
175	Pulsed exsolution of magmatic ore-forming fluids in tin-tungsten systems: a SIMS cassiterite oxygen isotope record. <i>Mineralium Deposita</i> , 2022 , 57, 343-352	4.8	1
174	Cratonic keels controlled the emplacement of the Central Atlantic Magmatic Province (CAMP). <i>Earth and Planetary Science Letters</i> , 2022 , 584, 117480	5.3	0
173	Iron isotope compositions of subduction-derived rocks: Insights from eclogites and metasediments of the Mchberg Massif (Germany). <i>Chemical Geology</i> , 2022 , 602, 120899	4.2	
172	Young Silicic Magmatism of the Greater Caucasus, Russia, with implication for its delamination origin based on zircon petrochronology and thermomechanical modeling. <i>Journal of Volcanology and Geothermal Research</i> , 2021 , 412, 107173	2.8	8
171	A revised interpretation of the Chon Aike magmatic province: Active margin origin and implications for the opening of the Weddell Sea. <i>Lithos</i> , 2021 , 386-387, 106013	2.9	7
170	Geochronology and geochemistry data for the Elbrus, Tyrnyauz, and Chegem magmatic centers, Greater Caucasus, Russia. <i>Data in Brief</i> , 2021 , 35, 106896	1.2	1
169	Data on the arc magmatism developed in the Antarctic Peninsula and Patagonia during the Late Triassic-Jurassic: A compilation of new and previous geochronology, geochemistry and isotopic tracing results. <i>Data in Brief</i> , 2021 , 36, 107042	1.2	2
168	Zinc systematics quantify crustal thickness control on fractionating assemblages of arc magmas. <i>Scientific Reports</i> , 2021 , 11, 14667	4.9	0
167	Crustal magmatic controls on the formation of porphyry copper deposits. <i>Nature Reviews Earth & Environment</i> , 2021 , 2, 542-557	30.2	8
166	Enrichment Nature of Ultrapotassic Rocks in Southern Tibet Inherited from their Mantle Source. <i>Journal of Petrology</i> , 2021 , 62,	3.9	2
165	Origin of geochemically heterogeneous mid-ocean ridge basalts from the Macquarie Ridge Complex, SW Pacific. <i>Lithos</i> , 2021 , 380-381, 105893	2.9	3
164	A genetic link between albitic magmas and IOCG mineralization in the Ossa Morena Zone (SW Iberia). <i>Journal of Iberian Geology</i> , 2021 , 47, 85-119	1.1	1
163	Geochemical and isotopic variations in a frontal arc volcanic cluster (Chachimbiro-Pulumbura-Pilavo-Yanaurcu, Ecuador). <i>Chemical Geology</i> , 2021 , 574, 120240	4.2	
162	Crustal architecture studies in the Iranian Cadomian arc: Insights into source, timing and metallogeny. <i>Ore Geology Reviews</i> , 2021 , 136, 104280	3.2	0
161	Trace element and oxygen isotope study of eclogites and associated rocks from the Mchberg Massif (Germany) with implications on the protolith origin and fluid-rock interactions. <i>Chemical Geology</i> , 2021 , 579, 120352	4.2	2
160	T-P-fO ₂ conditions of sulfide saturation in magmatic enclaves and their host lavas. <i>Lithos</i> , 2021 , 398-399, 106313	2.9	1

159	Late Cretaceous felsic intrusions in oceanic plateau basalts in SW Ecuador: Markers of subduction initiation?. <i>Journal of South American Earth Sciences</i> , 2021 , 110, 103348	2	4
158	The upper Oligocene San Rafael intrusive complex (Eastern Cordillera, southeast Peru), host of the largest-known high-grade tin deposit. <i>Lithos</i> , 2021 , 400-401, 106409	2.9	1
157	At the crossroads of the Lesser Caucasus and the Eastern Pontides: Late Cretaceous to early Eocene magmatic and geodynamic evolution of the Bolnisi district, Georgia. <i>Lithos</i> , 2020 , 378-379, 105872 ⁹	2.9	2
156	Redox state of southern Tibetan upper mantle and ultrapotassic magmas. <i>Geology</i> , 2020 , 48, 733-736	5	11
155	How Much Water in Basaltic Melts Parental to Porphyry Copper Deposits?. <i>Frontiers in Earth Science</i> , 2020 , 8,	3.5	12
154	The Paleogene ophiolite conundrum of the Iran-Iraq border region. <i>Journal of the Geological Society</i> , 2020 , 177, 955-964	2.7	5
153	HTIP crustal syntectonic anatexis as a source of the Permian magmatism in the Eastern Southern Alps: evidence from xenoliths in the Euganean trachytes (NE Italy). <i>Journal of the Geological Society</i> , 2020 , 177, 1211-1230	2.7	3
152	Gold endowments of porphyry deposits controlled by precipitation efficiency. <i>Nature Communications</i> , 2020 , 11, 248	17.4	33
151	The paleozoic Jalal Abad mafic complex (Central Iran): Implication for the petrogenesis. <i>Chemie Der Erde</i> , 2020 , 80, 125597	4.3	3
150	Triassic magmatism in the European Southern Alps as an early phase of Pangea break-up. <i>Geological Magazine</i> , 2020 , 157, 1800-1822	2	9
149	Chapter 23: Alteration, Mineralization, and Age Relationships at the Kizilirmak Porphyry Gold Deposit, Turkey 2020 , 467-495		0
148	Geochemical evolution of the Quaternary Chachimbiro Volcanic Complex (frontal volcanic arc of Ecuador). <i>Lithos</i> , 2020 , 356-357, 105237	2.9	2
147	Magmatic sulfides in high-potassium calc-alkaline to shoshonitic and alkaline rocks. <i>Solid Earth</i> , 2020 , 11, 1-21	3.3	15
146	The Gondwanan margin in West Antarctica: Insights from Late Triassic magmatism of the Antarctic Peninsula. <i>Gondwana Research</i> , 2020 , 81, 1-20	5.1	12
145	Effects of aseismic ridge subduction on the geochemistry of frontal arc magmas. <i>Earth and Planetary Science Letters</i> , 2020 , 531, 115984	5.3	13
144	Zircon U-Pb, geochemical and isotopic constraints on the age and origin of A- and I-type granites and gabbro-diorites from NW Iran. <i>Lithos</i> , 2020 , 374-375, 105688	2.9	1
143	Permian post-collisional basic magmatism from Corsica to the Southeastern Alps. <i>Lithos</i> , 2020 , 376-377, 105733	2.9	5
142	Petroleum as source and carrier of metals in epigenetic sediment-hosted mineralization. <i>Scientific Reports</i> , 2019 , 9, 8283	4.9	11

141	Origin of widespread Cretaceous alkaline magmatism in the Central Atlantic: A single melting anomaly?. <i>Lithos</i> , 2019 , 342-343, 480-498	2.9	13
140	The Central Atlantic Magmatic Province (CAMP) in Morocco. <i>Journal of Petrology</i> , 2019 , 60, 945-996	3.9	47
139	Greater Kerguelen large igneous province reveals no role for Kerguelen mantle plume in the continental breakup of eastern Gondwana. <i>Earth and Planetary Science Letters</i> , 2019 , 511, 244-255	5.3	25
138	Detrital zircon age and Sr isotopic constraints for a Late Palaeozoic carbonate platform in the lower Rhodope thrust system, Pirin, SW Bulgaria. <i>Geological Magazine</i> , 2019 , 156, 2117-2124	2	5
137	Ore Formation During Jurassic Subduction of the Tethys Along the Eurasian Margin: Constraints from the Kapan District, Lesser Caucasus, Southern Armenia. <i>Economic Geology</i> , 2019 , 114, 1251-1284	4.3	7
136	Magmatic sulphides in high-K calc-alkaline to shoshonitic and alkaline rocks 2019 ,		1
135	The Eastern Makran Ophiolite (SE Iran): evidence for a Late Cretaceous fore-arc oceanic crust. <i>International Geology Review</i> , 2019 , 61, 1313-1339	2.3	17
134	Jurassic ore-forming systems during the Tethyan orogeny: constraints from the Shamlugh deposit, Alaverdi district, Armenia, Lesser Caucasus. <i>Mineralium Deposita</i> , 2019 , 54, 1011-1032	4.8	4
133	Multi-proxy isotopic tracing of magmatic sources and crustal recycling in the Palaeozoic to Early Jurassic active margin of North-Western Gondwana. <i>Gondwana Research</i> , 2019 , 66, 227-245	5.1	7
132	The Misery Point cliff, Mayaguana Island, SE Bahamas: a unique record of sea-level highstands since the Early Pleistocene. <i>Swiss Journal of Geosciences</i> , 2019 , 112, 287-305	2.1	4
131	Early Late Permian coupled carbon and strontium isotope chemostratigraphy from South China: Extended Emeishan volcanism?. <i>Gondwana Research</i> , 2018 , 58, 58-70	5.1	16
130	The Kalkarindji Large Igneous Province, Australia: Petrogenesis of the Oldest and Most Compositionally Homogenous Province of the Phanerozoic. <i>Journal of Petrology</i> , 2018 , 59, 635-665	3.9	3
129	New insights into petrogenesis of Miocene magmatism associated with porphyry copper deposits of the Andean Pampean flat slab, Argentina. <i>Geoscience Frontiers</i> , 2018 , 9, 1565-1576	6	11
128	High-resolution compositional analysis of a fluvial-fan succession: The Miocene infill of the Cacheuta Basin (central Argentinian foreland). <i>Sedimentary Geology</i> , 2018 , 375, 268-288	2.8	1
127	Geochemical, mineralogical and Re-Os isotopic constraints on the origin of Tethyan oceanic mantle and crustal rocks from the Central Pontides, northern Turkey. <i>Mineralogy and Petrology</i> , 2018 , 112, 25-44	1.6	7
126	Insights into the petrogenesis of low- and high-Ti basalts: Stratigraphy and geochemistry of four lava sequences from the central Parana Basin. <i>Journal of Volcanology and Geothermal Research</i> , 2018 , 355, 232-252	2.8	9
125	Petrogenesis of the Rio Blanco epithermal Au-Ag mineralization in the Cordillera Occidental of southwestern Ecuador: Assessment from host rocks petrochemistry and ore constituents isotopic (O, S, H, and Pb) compositions. <i>Journal of South American Earth Sciences</i> , 2018 , 86, 70-93	2	3
124	The Central Atlantic Magmatic Province (CAMP): A Review. <i>Topics in Geobiology</i> , 2018 , 91-125	0.2	61

123	Origin and age of carbonate clasts from the Lusi eruption, Java, Indonesia. <i>Marine and Petroleum Geology</i> , 2018 , 90, 138-148	4.7	10
122	Magmatic sulphides in Quaternary Ecuadorian arc magmas. <i>Lithos</i> , 2018 , 296-299, 580-599	2.9	22
121	Primary hydrous minerals from the Karoo LIP magmas: Evidence for a hydrated source component. <i>Earth and Planetary Science Letters</i> , 2018 , 503, 181-193	5.3	7
120	Geochemistry and isotope composition (Sr, Pb, $\delta^{66}\text{Zn}$) of Vulcano fumaroles (Aeolian Islands, Italy). <i>Chemical Geology</i> , 2018 , 493, 153-171	4.2	4
119	Petrogenesis of Quebrada de la Mina and Altar North porphyries (Cordillera of San Juan, Argentina): Crustal assimilation and metallogenic implications. <i>Geoscience Frontiers</i> , 2017 , 8, 1135-1159	6	3
118	Post-collisional magmatism and ore-forming systems in the Menderes massif: new constraints from the Miocene porphyry Mo-Cu-Pb system, Gediz-Bahya, western Turkey. <i>Mineralium Deposita</i> , 2017 , 52, 1157-1178	4.8	16
117	Monitoring steel bridge renovation using lead isotopic tracing. <i>Chemosphere</i> , 2017 , 174, 260-267	8.4	1
116	Polyphase vein mineralization in the Fennoscandian Shield at Berlandet, Jävsand, and Laisvall along the erosional front of the Caledonian orogen, Sweden. <i>Mineralium Deposita</i> , 2017 , 52, 823-844	4.8	5
115	Sulfide Minerals in Hydrothermal Deposits. <i>Elements</i> , 2017 , 13, 97-103	3.8	63
114	Stochastic modelling of deep magmatic controls on porphyry copper deposit endowment. <i>Scientific Reports</i> , 2017 , 7, 44523	4.9	65
113	Insights into the genesis of the epithermal Au-Ag mineralization at Rio Blanco in the Cordillera Occidental of southwestern Ecuador: Constraints from U-Pb and Ar/Ar geochronology. <i>Journal of South American Earth Sciences</i> , 2017 , 80, 353-374	2	6
112	Evidence for Residual Melt Extraction in the Takidani Pluton, Central Japan. <i>Journal of Petrology</i> , 2017 , 58, 763-788	3.9	28
111	30 Myr of Cenozoic magmatism along the Tethyan margin during Arabia-Eurasia accretionary orogenesis (Meghri-Dordubad pluton, southernmost Lesser Caucasus). <i>Lithos</i> , 2017 , 288-289, 108-124	2.9	33
110	Amphibole and apatite insights into the evolution and mass balance of Cl and S in magmas associated with porphyry copper deposits. <i>Contributions To Mineralogy and Petrology</i> , 2017 , 172, 1	3.5	45
109	Geochemical Constraints Provided by the Freetown Layered Complex (Sierra Leone) on the Origin of High-Ti Tholeiitic CAMP Magmas. <i>Journal of Petrology</i> , 2017 , 58, 1811-1840	3.9	32
108	Ophiolitic Remnants from the Upper and Intermediate Structural Unit of the Attic-Cycladic Crystalline Belt (Aegean, Greece): Fingerprinting Geochemical Affinities of Magmatic Precursors. <i>Geosciences (Switzerland)</i> , 2017 , 7, 14	2.7	17
107	Timing and metal sources for carbonate-hosted Zn-Pb mineralization in the Franklinian Basin (North Greenland): Constraints from Rb-Sr and Pb isotopes. <i>Ore Geology Reviews</i> , 2016 , 79, 392-407	3.2	14
106	Primary Magmas in Continental Arcs and their Differentiated Products: Petrology of a Post-plutonic Dyke Suite in the Tertiary Adamello Batholith (Alps). <i>Journal of Petrology</i> , 2016 , 57, 495-534	3.9	21

105	Palaeozoic to Early Jurassic history of the northwestern corner of Gondwana, and implications for the evolution of the Iapetus, Rheic and Pacific Oceans. <i>Gondwana Research</i> , 2016 , 31, 271-294	5.1	63
104	Long-lived, stationary magmatism and pulsed porphyry systems during Tethyan subduction to post-collision evolution in the southernmost Lesser Caucasus, Armenia and Nakhitchevan. <i>Gondwana Research</i> , 2016 , 37, 465-503	5.1	70
103	Gradual changes in upwelled seawater conditions (redox, pH) from the late Cretaceous through early Paleogene at the northwest coast of Africa: Negative Ce anomaly trend recorded in fossil bio-apatite. <i>Chemical Geology</i> , 2016 , 421, 44-54	4.2	26
102	Cretaceous subduction-related magmatism and associated porphyry-type Cu-Mo prospects in the Eastern Pontides, Turkey: New constraints from geochronology and geochemistry. <i>Lithos</i> , 2016 , 248-251, 119-137	2.9	33
101	The calc-alkaline and adakitic volcanism of the Sabzevar structural zone (NE Iran): Implications for the Eocene magmatic flare-up in Central Iran. <i>Lithos</i> , 2016 , 248-251, 517-535	2.9	44
100	Jurassic metabasic rocks in the Kargın region, Central Pontides, Northern Turkey). <i>Tectonophysics</i> , 2016 , 672-673, 34-49	3.1	22
99	Impact on the environment from steel bridge paint deterioration using lead isotopic tracing, paint compositions and soil deconstruction. <i>Science of the Total Environment</i> , 2016 , 550, 69-72	10.2	7
98	A refined genetic model for the Laisvall and Vassbo Mississippi Valley-type sandstone-hosted deposits, Sweden: constraints from paragenetic studies, organic geochemistry, and S, C, N, and Sr isotope data. <i>Mineralium Deposita</i> , 2016 , 51, 639-664	4.8	16
97	Quantification of tsunami-induced flows on a Mediterranean carbonate ramp reveals catastrophic evolution. <i>Earth and Planetary Science Letters</i> , 2016 , 444, 192-204	5.3	14
96	Characterisation of Triassic rifting in Peru and implications for the early disassembly of western Pangaea. <i>Gondwana Research</i> , 2016 , 35, 124-143	5.1	66
95	Fluid mixing in orogenic gold deposits: Evidence from the H-O-Sr isotope composition of the Val-d'Or vein field (Abitibi, Canada). <i>Chemical Geology</i> , 2016 , 437, 7-18	4.2	16
94	Spatio-temporal Geochemical Evolution of the SE Australian Upper Mantle Deciphered from the Sr, Nd and Pb Isotope Compositions of Cenozoic Intraplate Volcanic Rocks. <i>Journal of Petrology</i> , 2016 , 57, 2048-2078	3.9	2
93	Petrology and geochemistry of the Karaj Dam basement sill: Implications for geodynamic evolution of the Alborz magmatic belt. <i>Chemie Der Erde</i> , 2015 , 75, 237-260	4.3	10
92	Petrological Evolution of the Magmatic Suite Associated with the Corocchohuayco Cu-Au-Fe Porphyrý-Barn Deposit, Peru. <i>Journal of Petrology</i> , 2015 , 56, 1829-1862	3.9	19
91	Radiogenic isotopes for deciphering terrigenous input provenance in the western Mediterranean. <i>Chemical Geology</i> , 2015 , 410, 237-250	4.2	15
90	A Middle Ordovician Age for the Laisvall Sandstone-Hosted Pb-Zn Deposit, Sweden: A Response to Early Caledonian Orogenic Activity. <i>Economic Geology</i> , 2015 , 110, 1779-1801	4.3	16
89	Devonian to Permian evolution of the Paleo-Tethys Ocean: New evidence from U-Pb zircon dating and Sr-Nd-Pb isotopes of the Darrehanjir-Mashhad ophiolites, NE Iran. <i>Gondwana Research</i> , 2015 , 28, 781-799	5.1	50
88	Constraint on foreland basin migration in the Zagros mountain belt using Sr isotope stratigraphy. <i>Basin Research</i> , 2015 , 27, 714-728	3.2	41

87	Crustal thickness control on Sr/Y signatures of recent arc magmas: an Earth scale perspective. <i>Scientific Reports</i> , 2015 , 5, 8115	4.9	152
86	Experimental anatexis, fluorine geochemistry and lead-isotope constraints on granite petrogenesis in the Seridib Belt, Borborema Province, northeastern Brazil. <i>Chemical Geology</i> , 2015 , 400, 122-148	4.2	8
85	Miocene phosphate-rich sediments in Salento (southern Italy). <i>Sedimentary Geology</i> , 2015 , 327, 55-71	2.8	28
84	The Yanaurcu volcano (Western Cordillera, Ecuador): A field, petrographic, geochemical, isotopic and geochronological study. <i>Lithos</i> , 2015 , 218-219, 37-53	2.9	24
83	High-Resolution Geochronology of the Corocchohuayco Porphyry-Skarn Deposit, Peru: A Rapid Product of the Incaic Orogeny. <i>Economic Geology</i> , 2015 , 110, 423-443	4.3	31
82	Late Miocene K-rich volcanism in the Eslamieh Peninsula (Saray), NW Iran: Implications for geodynamic evolution of the TurkishIranian High Plateau. <i>Gondwana Research</i> , 2014 , 26, 1028-1050	5.1	33
81	Enriched mantle source for the Central Atlantic magmatic province: New supporting evidence from southwestern Europe. <i>Lithos</i> , 2014 , 188, 15-32	2.9	51
80	Petrogenesis of tholeiitic basalts from the Central Atlantic magmatic province as revealed by mineral major and trace elements and Sr isotopes. <i>Lithos</i> , 2014 , 188, 44-59	2.9	16
79	The Altar Porphyry Cu-(Au-Mo) Deposit (Argentina): A Complex Magmatic-Hydrothermal System with Evidence of Recharge Processes. <i>Economic Geology</i> , 2014 , 109, 621-641	4.3	19
78	Zircon petrochronology reveals the temporal link between porphyry systems and the magmatic evolution of their hidden plutonic roots (the Eocene Corocchohuayco deposit, Peru). <i>Lithos</i> , 2014 , 198-199, 129-140	2.9	76
77	Copper enrichment in arc magmas controlled by overriding plate thickness. <i>Nature Geoscience</i> , 2014 , 7, 43-46	18.3	198
76	High temperature (>350°C) thermochronology and mechanisms of Pb loss in apatite. <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 127, 39-56	5.5	110
75	Permo-Triassic anatexis, continental rifting and the disassembly of western Pangaea. <i>Lithos</i> , 2014 , 190-191, 383-402	2.9	75
74	Sabzevar Ophiolite, NE Iran: Progress from embryonic oceanic lithosphere into magmatic arc constrained by new isotopic and geochemical data. <i>Lithos</i> , 2014 , 210-211, 224-241	2.9	47
73	Supra-subduction zone magmatism of the Neyriz ophiolite, Iran: constraints from geochemistry and Sr-Nd-Pb isotopes. <i>International Geology Review</i> , 2014 , 56, 1395-1412	2.3	38
72	Formation and age of sphalerite mineralization in carbonate rocks of Bajocian age in the Swiss Jura Mountains: evidence of Mesozoic hydrothermal activity. <i>International Journal of Earth Sciences</i> , 2014 , 103, 1059-1082	2.2	5
71	Chlorine stable isotope variations across the Quaternary volcanic arc of Ecuador. <i>Earth and Planetary Science Letters</i> , 2014 , 396, 22-33	5.3	25
70	Distinguishing between in-situ and accretionary growth of continents along active margins. <i>Lithos</i> , 2014 , 202-203, 382-394	2.9	51

69	Mass spectrometry in Earth sciences: the precise and accurate measurement of time. <i>Chimia</i> , 2014 , 68, 124-8	1.3	1
68	Sr, Nd, Pb and Os Isotope Systematics of CAMP Tholeiites from Eastern North America (ENA): Evidence of a Subduction-enriched Mantle Source. <i>Journal of Petrology</i> , 2014 , 55, 133-180	3.9	58
67	Quaternary Sanukitoid-like Andesites Generated by Intracrustal Processes (Chacana Caldera Complex, Ecuador): Implications for Archean Sanukitoids. <i>Journal of Petrology</i> , 2014 , 55, 769-802	3.9	25
66	Genesis of the Au-Bi-Cu-Ag, Cu-Mo-W, and base-metal Au-Ag mineralization at the Mountain Freegold (Yukon, Canada): constraints from Ar-Ar and Re-Os geochronology and Pb and stable isotope compositions. <i>Mineralium Deposita</i> , 2013 , 48, 991-1017	4.8	8
65	Middle Jurassic to Cenozoic evolution of arc magmatism during Neotethys subduction and arc-continent collision in the Kapan Zone, southern Armenia. <i>Lithos</i> , 2013 , 177, 61-78	2.9	49
64	How Accurately Can We Date the Duration of Magmatic-Hydrothermal Events in Porphyry Systems?—An Invited Paper. <i>Economic Geology</i> , 2013 , 108, 565-584	4.3	145
63	Upper and lower crust recycling in the source of CAMP basaltic dykes from southeastern North America. <i>Earth and Planetary Science Letters</i> , 2013 , 376, 186-199	5.3	53
62	Geochemistry and tectonic evolution of the Late Cretaceous Gogher-Baft ophiolite, central Iran. <i>Lithos</i> , 2013 , 168-169, 33-47	2.9	38
61	The Eldivan ophiolite and volcanic rocks in the İzmir-Ankara-Erzincan suture zone, Northern Turkey: Geochronology, whole-rock geochemical and Nd-Sr-Pb isotope characteristics. <i>Lithos</i> , 2013 , 172-173, 31-46	2.9	35
60	A Detailed Geochemical Study of a Shallow Arc-related Laccolith; the Torres del Paine Mafic Complex (Patagonia). <i>Journal of Petrology</i> , 2013 , 54, 273-303	3.9	21
59	Mesozoic arc magmatism along the southern Peruvian margin during Gondwana breakup and dispersal. <i>Lithos</i> , 2012 , 146-147, 48-64	2.9	50
58	Why large porphyry Cu deposits like high Sr/Y magmas?. <i>Scientific Reports</i> , 2012 , 2, 685	4.9	105
57	Metallogenic features of Miocene porphyry Cu and porphyry-related mineral deposits in Ecuador revealed by Re-Os, ⁴⁰ Ar/ ³⁹ Ar, and U-Pb geochronology. <i>Mineralium Deposita</i> , 2012 , 47, 383-410	4.8	21
56	Latest Triassic marine Sr isotopic variations, possible causes and implications. <i>Terra Nova</i> , 2012 , 24, 130-135	3.5	32
55	Characterization of Modern and Fossil Mineral Dust Transported to High Altitude in the Western Alps: Saharan Sources and Transport Patterns. <i>Advances in Meteorology</i> , 2012 , 2012, 1-14	1.7	6
54	Timing of juvenile arc crust formation and evolution in the Sapat Complex (Kohistan-Pakistan). <i>Chemical Geology</i> , 2011 , 280, 243-256	4.2	47
53	Petrology of the Miocene igneous rocks in the Altar region, main Cordillera of San Juan, Argentina. A geodynamic model within the context of the Andean flat-slab segment and metallogenesis. <i>Journal of South American Earth Sciences</i> , 2011 , 32, 30-48	2	21
52	(Pre-) historic changes in natural and anthropogenic heavy metals deposition inferred from two contrasting Swiss Alpine lakes. <i>Quaternary Science Reviews</i> , 2011 , 30, 224-233	3.9	87

51	Origin of Early Carboniferous pseudo-adakites in northern Brittany (France) through massive amphibole fractionation from hydrous basalt. <i>Terra Nova</i> , 2011 , 23, 1-10	3	10
50	Early/Middle Jurassic intra-oceanic subduction in the İzmir-Ankara-Erzincan Ocean, Northern Turkey. <i>Tectonophysics</i> , 2011 , 509, 120-134	3.1	106
49	Local to regional scale industrial heavy metal pollution recorded in sediments of large freshwater lakes in central Europe (lakes Geneva and Lucerne) over the last centuries. <i>Science of the Total Environment</i> , 2011 , 412-413, 239-47	10.2	106
48	$^{40}\text{Ar}/^{39}\text{Ar}$ ages and Sr/Nd/Pb/δs geochemistry of CAMP tholeiites from Western Maranhão basin (NE Brazil). <i>Lithos</i> , 2011 , 122, 137-151	2.9	87
47	Discovery of Miocene to early Pleistocene deposits on Mayaguana, Bahamas: Evidence for recent active tectonism on the North American margin. <i>Geology</i> , 2011 , 39, 523-526	5	19
46	Enriched Basaltic Andesites from Mid-crustal Fractional Crystallization, Recharge, and Assimilation (Pilavo Volcano, Western Cordillera of Ecuador). <i>Journal of Petrology</i> , 2011 , 52, 1107-1141	3.9	82
45	Petrogenetic Evolution of Arc Magmatism Associated with Late Oligocene to Late Miocene Porphyry-Related Ore Deposits in Ecuador. <i>Economic Geology</i> , 2010 , 105, 1243-1270	4.3	17
44	The Hypogene Iron Oxide Copper-Gold Mineralization in the Mantoverde District, Northern Chile. <i>Economic Geology</i> , 2010 , 105, 1271-1299	4.3	42
43	Geochemistry, tectonics, and crustal evolution of basement rocks in the Eastern Rhodope Massif, Bulgaria. <i>International Geology Review</i> , 2010 , 52, 269-297	2.3	17
42	Geodynamic controls on Tertiary arc magmatism in Ecuador: Constraints from U/Pb zircon geochronology of Oligocene/Miocene intrusions and regional age distribution trends. <i>Tectonophysics</i> , 2010 , 489, 159-176	3.1	34
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