

# Massimo Chiaradia

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9547630/massimo-chiaradia-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Copper enrichment in arc magmas controlled by overriding plate thickness. <i>Nature Geoscience</i> , <b>2014</b> , 7, 43-46	18.3	198
175	Crustal thickness control on Sr/Y signatures of recent arc magmas: an Earth scale perspective. <i>Scientific Reports</i> , <b>2015</b> , 5, 8115	4.9	152
174	How Accurately Can We Date the Duration of Magmatic-Hydrothermal Events in Porphyry Systems?--An Invited Paper. <i>Economic Geology</i> , <b>2013</b> , 108, 565-584	4.3	145
173	Adakite-like magmas from fractional crystallization and melting-assimilation of mafic lower crust (Eocene Macuchi arc, Western Cordillera, Ecuador). <i>Chemical Geology</i> , <b>2009</b> , 265, 468-487	4.2	133
172	High temperature (>350°C) thermochronology and mechanisms of Pb loss in apatite. <i>Geochimica Et Cosmochimica Acta</i> , <b>2014</b> , 127, 39-56	5.5	110
171	Adakite-like volcanism of Ecuador: lower crust magmatic evolution and recycling. <i>Contributions To Mineralogy and Petrology</i> , <b>2009</b> , 158, 563-588	3.5	109
170	Early/Middle Jurassic intra-oceanic subduction in the Izmir-Ankara-Erzincan Ocean, Northern Turkey. <i>Tectonophysics</i> , <b>2011</b> , 509, 120-134	3.1	106
169	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> , <b>2011</b> , 412-413, 239-47	10.2	106
168	Why large porphyry Cu deposits like high Sr/Y magmas?. <i>Scientific Reports</i> , <b>2012</b> , 2, 685	4.9	105
167	Compositional diversity of Eocene/Oligocene basaltic magmatism in the Eastern Rhodopes, SE Bulgaria: implications for genesis and tectonic setting. <i>Tectonophysics</i> , <b>2004</b> , 393, 301-328	3.1	88
166	(Pre-) historic changes in natural and anthropogenic heavy metals deposition inferred from two contrasting Swiss Alpine lakes. <i>Quaternary Science Reviews</i> , <b>2011</b> , 30, 224-233	3.9	87
165	$^{40}\text{Ar}/^{39}\text{Ar}$ ages and Sr/Nd/Pb isotopic geochemistry of CAMP tholeiites from Western Maranhão basin (NE Brazil). <i>Lithos</i> , <b>2011</b> , 122, 137-151	2.9	87
164	Rapid transition to long-lived deep crustal magmatic maturation and the formation of giant porphyry-related mineralization (Yanacocha, Peru). <i>Earth and Planetary Science Letters</i> , <b>2009</b> , 288, 505-515	5.3	82
163	Enriched Basaltic Andesites from Mid-crustal Fractional Crystallization, Recharge, and Assimilation (Pilavo Volcano, Western Cordillera of Ecuador). <i>Journal of Petrology</i> , <b>2011</b> , 52, 1107-1141	3.9	82
162	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> , <b>2014</b> , 198-199, 129-140	2.9	76
161	Behaviour of airborne lead and temporal variations of its source effects in Geneva (Switzerland): comparison of anthropogenic versus natural processes. <i>Atmospheric Environment</i> , <b>2000</b> , 34, 959-971	5.3	76
160	Permo-Triassic anatexis, continental rifting and the disassembly of western Pangaea. <i>Lithos</i> , <b>2014</b> , 190-191, 383-402	2.9	75

159	Identification of historical lead sources in roof dusts and recent lake sediments from an industrialized area: indications from lead isotopes. <i>Science of the Total Environment</i> , <b>1997</b> , 205, 107-28	10.2	73
158	ReOs and PbPb geochronology of the Archean Salobo iron oxide copper-gold deposit, Carajás mineral province, northern Brazil. <i>Mineralium Deposita</i> , <b>2003</b> , 38, 727-738	4.8	73
157	Different contamination styles of prehistoric human teeth at a Swiss necropolis (Sion, Valais) inferred from lead and strontium isotopes. <i>Applied Geochemistry</i> , <b>2003</b> , 18, 353-370	3.5	72
156	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> , <b>2016</b> , 37, 465-503	5.1	70
155	Characterisation of Triassic rifting in Peru and implications for the early disassembly of western Pangaea. <i>Gondwana Research</i> , <b>2016</b> , 35, 124-143	5.1	66
154	Stochastic modelling of deep magmatic controls on porphyry copper deposit endowment. <i>Scientific Reports</i> , <b>2017</b> , 7, 44523	4.9	65
153	Lead isotope variations across terrane boundaries of the Tien Shan and Chinese Altay. <i>Mineralium Deposita</i> , <b>2006</b> , 41, 411-428	4.8	64
152	Sulfide Minerals in Hydrothermal Deposits. <i>Elements</i> , <b>2017</b> , 13, 97-103	3.8	63
151	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> , <b>2016</b> , 31, 271-294	5.1	63
150	Origin of fluids in iron oxide-copper-gold deposits: constraints from $\delta^{71}\text{Cl}$ , $^{87}\text{Sr}/^{86}\text{Sr}$ and Cl/Br. <i>Mineralium Deposita</i> , <b>2006</b> , 41, 565-573	4.8	62
149	The Central Atlantic Magmatic Province (CAMP): A Review. <i>Topics in Geobiology</i> , <b>2018</b> , 91-125	0.2	61
148	Identification of secondary lead sources in the air of an urban environment. <i>Atmospheric Environment</i> , <b>1997</b> , 31, 3511-3521	5.3	59
147	Cenozoic continental arc magmatism and associated mineralization in Ecuador. <i>Mineralium Deposita</i> , <b>2004</b> , 39, 204-222	4.8	59
146	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> , <b>2014</b> , 55, 133-180	3.9	58
145	Upper and lower crust recycling in the source of CAMP basaltic dykes from southeastern North America. <i>Earth and Planetary Science Letters</i> , <b>2013</b> , 376, 186-199	5.3	53
144	Plumbotectonic Evolution of the Ossa Morena Zone, Iberian Peninsula: Tracing the Influence of Mantle-Crust Interaction in Ore-Forming Processes. <i>Economic Geology</i> , <b>2004</b> , 99, 965-985	4.3	52
143	Enriched mantle source for the Central Atlantic magmatic province: New supporting evidence from southwestern Europe. <i>Lithos</i> , <b>2014</b> , 188, 15-32	2.9	51
142	Distinguishing between in-situ and accretionary growth of continents along active margins. <i>Lithos</i> , <b>2014</b> , 202-203, 382-394	2.9	51

141	The Mesoproterozoic Maz terrane in the Western Sierras Pampeanas, Argentina, equivalent to the Arequipa-Antofalla block of southern Peru? Implications for West Gondwana margin evolution. <i>Gondwana Research</i> , <b>2008</b> , 13, 163-175	5.1	51
140	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> , <b>2015</b> , 28, 781-799	5.1	50
139	Mesozoic arc magmatism along the southern Peruvian margin during Gondwana breakup and dispersal. <i>Lithos</i> , <b>2012</b> , 146-147, 48-64	2.9	50
138	Middle Jurassic to Cenozoic evolution of arc magmatism during Neotethys subduction and arc-continent collision in the Kapan Zone, southern Armenia. <i>Lithos</i> , <b>2013</b> , 177, 61-78	2.9	49
137	COLUMBITE-TANTALITE-BEARING GRANITIC PEGMATITES FROM THE SERIDO BELT, NORTHEASTERN BRAZIL: GENETIC CONSTRAINTS FROM U-Pb DATING AND Pb ISOTOPES. <i>Canadian Mineralogist</i> , <b>2006</b> , 44, 69-86	0.7	48
136	The Central Atlantic Magmatic Province (CAMP) in Morocco. <i>Journal of Petrology</i> , <b>2019</b> , 60, 945-996	3.9	47
135	Sabzevar Ophiolite, NE Iran: Progress from embryonic oceanic lithosphere into magmatic arc constrained by new isotopic and geochemical data. <i>Lithos</i> , <b>2014</b> , 210-211, 224-241	2.9	47
134	Timing of juvenile arc crust formation and evolution in the Sapat Complex (Kohistan-Pakistan). <i>Chemical Geology</i> , <b>2011</b> , 280, 243-256	4.2	47
133	U-Pb, Re-Os, and 40Ar/39Ar geochronology of the Nambija Au-skarn and Panguí porphyry Cu deposits, Ecuador: implications for the Jurassic metallogenic belt of the Northern Andes. <i>Mineralium Deposita</i> , <b>2009</b> , 44, 371-387	4.8	46
132	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> , <b>2017</b> , 172, 1	3.5	45
131	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> , <b>2016</b> , 248-251, 517-535	2.9	44
130	The Hypogene Iron Oxide Copper-Gold Mineralization in the Mantoverde District, Northern Chile. <i>Economic Geology</i> , <b>2010</b> , 105, 1271-1299	4.3	42
129	Constraint on foreland basin migration in the Zagros mountain belt using Sr isotope stratigraphy. <i>Basin Research</i> , <b>2015</b> , 27, 714-728	3.2	41
128	Supra-subduction zone magmatism of the Neyriz ophiolite, Iran: constraints from geochemistry and Sr-Nd-Pb isotopes. <i>International Geology Review</i> , <b>2014</b> , 56, 1395-1412	2.3	38
127	Geochemistry and tectonic evolution of the Late Cretaceous Gogher-Baft ophiolite, central Iran. <i>Lithos</i> , <b>2013</b> , 168-169, 33-47	2.9	38
126	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> , <b>2013</b> , 172-173, 31-46	2.9	35
125	Contamination of houses by workers occupationally exposed in a lead-zinc-copper mine and impact on blood lead concentrations in the families. <i>Occupational and Environmental Medicine</i> , <b>1997</b> , 54, 117-24	2.1	35
124	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> , <b>2010</b> , 489, 159-176	3.1	34

123	Gold endowments of porphyry deposits controlled by precipitation efficiency. <i>Nature Communications</i> , <b>2020</b> , 11, 248	17.4	33
122	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> , <b>2016</b> , 248-251, 119-137	2.9	33
121	Late Miocene K-rich volcanism in the Eslamieh Peninsula (Saray), NW Iran: Implications for geodynamic evolution of the Turkish-Iranian High Plateau. <i>Gondwana Research</i> , <b>2014</b> , 26, 1028-1050	5.1	33
120	30 Myr of Cenozoic magmatism along the Tethyan margin during Arabia-Eurasia accretionary orogenesis (Meghri-Dudubad pluton, southernmost Lesser Caucasus). <i>Lithos</i> , <b>2017</b> , 288-289, 108-124	2.9	33
119	Geology, Geochronology, and Hf and Pb Isotope Data of the Raul-Condostable Iron Oxide-Copper-Gold Deposit, Central Coast of Peru. <i>Economic Geology</i> , <b>2006</b> , 101, 281-310	4.3	33
118	Geochemical Constraints Provided by the Freetown Layered Complex (Sierra Leone) on the Origin of High-Ti Tholeiitic CAMP Magmas. <i>Journal of Petrology</i> , <b>2017</b> , 58, 1811-1840	3.9	32
117	Latest Triassic marine Sr isotopic variations, possible causes and implications. <i>Terra Nova</i> , <b>2012</b> , 24, 130-135	3.5	32
116	High-Resolution Geochronology of the Corocchohuayco Porphyry-Skarn Deposit, Peru: A Rapid Product of the Incaic Orogeny. <i>Economic Geology</i> , <b>2015</b> , 110, 423-443	4.3	31
115	Evidence for Residual Melt Extraction in the Takidani Pluton, Central Japan. <i>Journal of Petrology</i> , <b>2017</b> , 58, 763-788	3.9	28
114	Miocene phosphate-rich sediments in Salento (southern Italy). <i>Sedimentary Geology</i> , <b>2015</b> , 327, 55-71	2.8	28
113	Late Cretaceous porphyry Cu and epithermal Cu-Au association in the Southern Panagyurishte District, Bulgaria: the paired Vlaykov Vruh and Elshitsa deposits. <i>Mineralium Deposita</i> , <b>2009</b> , 44, 611-646	4.8	28
112	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> , <b>2016</b> , 421, 44-54	4.2	26
111	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> , <b>2019</b> , 511, 244-255	5.3	25
110	Chlorine stable isotope variations across the Quaternary volcanic arc of Ecuador. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 396, 22-33	5.3	25
109	Quaternary Sanukitoid-like Andesites Generated by Intracrustal Processes (Chacana Caldera Complex, Ecuador): Implications for Archean Sanukitoids. <i>Journal of Petrology</i> , <b>2014</b> , 55, 769-802	3.9	25
108	Geochemical and petrological aspects of dike intrusions in the Lycian ophiolites (SW Turkey): a case study for the dike emplacement along the Tauride Belt Ophiolites. <i>International Journal of Earth Sciences</i> , <b>2008</b> , 97, 1151-1164	2.2	25
107	The Yanaurcu volcano (Western Cordillera, Ecuador): A field, petrographic, geochemical, isotopic and geochronological study. <i>Lithos</i> , <b>2015</b> , 218-219, 37-53	2.9	24
106	Gas-to-particle conversion of mercury, arsenic and selenium through reactions with traffic-related compounds? Indications from lead isotopes. <i>Atmospheric Environment</i> , <b>2000</b> , 34, 327-332	5.3	24

105	Jurassic metabasic rocks in the K <sup>-</sup> z <sup>-</sup> l <sup>-</sup> rmak accretionary complex (Karg <sup>-</sup> region, Central Pontides, Northern Turkey). <i>Tectonophysics</i> , <b>2016</b> , 672-673, 34-49	3.1	22
104	Geochemical and SrNdPbD isotope composition of granitoids of the Early Cretaceous Copiapu plutonic complex (27°30'S), Chile. <i>Journal of South American Earth Sciences</i> , <b>2003</b> , 16, 381-398	2	22
103	Magmatic sulphides in Quaternary Ecuadorian arc magmas. <i>Lithos</i> , <b>2018</b> , 296-299, 580-599	2.9	22
102	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> , <b>2016</b> , 57, 495-534	3.9	21
101	Metallogenic features of Miocene porphyry Cu and porphyry-related mineral deposits in Ecuador revealed by Re-Os, 40Ar/39Ar, and U-Pb geochronology. <i>Mineralium Deposita</i> , <b>2012</b> , 47, 383-410	4.8	21
100	A Detailed Geochemical Study of a Shallow Arc-related Laccolith; the Torres del Paine Mafic Complex (Patagonia). <i>Journal of Petrology</i> , <b>2013</b> , 54, 273-303	3.9	21
99	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> , <b>2011</b> , 32, 30-48	2	21
98	Magmatic-dominated fluid evolution in the Jurassic Nambija gold skarn deposits (southeastern Ecuador). <i>Mineralium Deposita</i> , <b>2009</b> , 44, 389-413	4.8	20
97	Separate lead isotope analyses of leachate and residue rock fractions: implications for metal source tracing in ore deposit studies. <i>Mineralium Deposita</i> , <b>2003</b> , 38, 185-195	4.8	20
96	Metal Sources in Mineral Deposits and Crustal Rocks of Ecuador (1°N-4°S): A Lead Isotope Synthesis. <i>Economic Geology</i> , <b>2004</b> , 99, 1085-1106	4.3	20
95	Petrological Evolution of the Magmatic Suite Associated with the Corocchohuayco Cu(AuFe) PorphyrySkarn Deposit, Peru. <i>Journal of Petrology</i> , <b>2015</b> , 56, 1829-1862	3.9	19
94	The Altar Porphyry Cu-(Au-Mo) Deposit (Argentina): A Complex Magmatic-Hydrothermal System with Evidence of Recharge Processes. <i>Economic Geology</i> , <b>2014</b> , 109, 621-641	4.3	19
93	Discovery of Miocene to early Pleistocene deposits on Mayaguana, Bahamas: Evidence for recent active tectonism on the North American margin. <i>Geology</i> , <b>2011</b> , 39, 523-526	5	19
92	Implications of Pb isotope signatures of rocks and iron oxide Cu-Au ores in the Candelaria-Punta del Cobre district, Chile. <i>Mineralium Deposita</i> , <b>2003</b> , 38, 900-912	4.8	19
91	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> , <b>2017</b> , 7, 14	2.7	17
90	Petrogenetic Evolution of Arc Magmatism Associated with Late Oligocene to Late Miocene Porphyry-Related Ore Deposits in Ecuador. <i>Economic Geology</i> , <b>2010</b> , 105, 1243-1270	4.3	17
89	Geochemistry, tectonics, and crustal evolution of basement rocks in the Eastern Rhodope Massif, Bulgaria. <i>International Geology Review</i> , <b>2010</b> , 52, 269-297	2.3	17
88	The efficiency of removal of lead and other elements from domestic drinking waters using a bench-top water filter system. <i>Science of the Total Environment</i> , <b>1997</b> , 196, 205-16	10.2	17

87	The Eastern Makran Ophiolite (SE Iran): evidence for a Late Cretaceous fore-arc oceanic crust. <i>International Geology Review</i> , <b>2019</b> , 61, 1313-1339	2.3	17
86	Post-collisional magmatism and ore-forming systems in the Menderes massif: new constraints from the Miocene porphyry Mo-U-Pb-niobium system, Gediz-Bahya, western Turkey. <i>Mineralium Deposita</i> , <b>2017</b> , 52, 1157-1178	4.8	16
85	A Middle Ordovician Age for the Laisvall Sandstone-Hosted Pb-Zn Deposit, Sweden: A Response to Early Caledonian Orogenic Activity. <i>Economic Geology</i> , <b>2015</b> , 110, 1779-1801	4.3	16
84	Early Late Permian coupled carbon and strontium isotope chemostratigraphy from South China: Extended Emeishan volcanism?. <i>Gondwana Research</i> , <b>2018</b> , 58, 58-70	5.1	16
83	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> , <b>2016</b> , 51, 639-664	4.8	16
82	Petrogenesis of tholeiitic basalts from the Central Atlantic magmatic province as revealed by mineral major and trace elements and Sr isotopes. <i>Lithos</i> , <b>2014</b> , 188, 44-59	2.9	16
81	Metal Sources in Mineral Deposits and Crustal Rocks of Ecuador (1° N-8° S): A Lead Isotope Synthesis. <i>Economic Geology</i> , <b>2004</b> , 99, 1085-1106	4.3	16
80	Radiogenic Lead Signatures in Au-Rich Volcanic-Hosted Massive Sulfide Ores and Associated Volcanic Rocks of the Early Tertiary Macuchi Island Arc (Western Cordillera of Ecuador). <i>Economic Geology</i> , <b>2001</b> , 96, 1361-1378	4.3	16
79	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> , <b>2016</b> , 437, 7-18	4.2	16
78	Radiogenic isotopes for deciphering terrigenous input provenance in the western Mediterranean. <i>Chemical Geology</i> , <b>2015</b> , 410, 237-250	4.2	15
77	Lead isotope systematics of Late Cretaceous-Tertiary Andean arc magmas and associated ores between 8°N and 40°S: evidence for latitudinal mantle heterogeneity beneath the Andes. <i>Terra Nova</i> , <b>2002</b> , 14, 337-342	3	15
76	Magmatic sulfides in high-potassium calc-alkaline to shoshonitic and alkaline rocks. <i>Solid Earth</i> , <b>2020</b> , 11, 1-21	3.3	15
75	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> , <b>2016</b> , 79, 392-407	3.2	14
74	Quantification of tsunami-induced flows on a Mediterranean carbonate ramp reveals catastrophic evolution. <i>Earth and Planetary Science Letters</i> , <b>2016</b> , 444, 192-204	5.3	14
73	Origin of widespread Cretaceous alkaline magmatism in the Central Atlantic: A single melting anomaly?. <i>Lithos</i> , <b>2019</b> , 342-343, 480-498	2.9	13
72	Mineral zoning and gold occurrence in the Fortuna skarn mine, Nambija district, Ecuador. <i>Mineralium Deposita</i> , <b>2006</b> , 41, 301-321	4.8	13
71	THE EVOLUTION OF TUNGSTEN SOURCES IN CRUSTAL MINERALIZATION FROM ARCHEAN TO TERTIARY INFERRED FROM LEAD ISOTOPES. <i>Economic Geology</i> , <b>2003</b> , 98, 1039-1045	4.3	13
70	Effects of aseismic ridge subduction on the geochemistry of frontal arc magmas. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 531, 115984	5.3	13

69	MESOZOIC Mo MINERALIZATION IN NORTHEASTERN CHINA DID NOT REQUIRE REGIONAL-SCALE PRE-ENRICHMENT. <i>Economic Geology</i> ,	4.3	13
68	How Much Water in Basaltic Melts Parental to Porphyry Copper Deposits?. <i>Frontiers in Earth Science</i> , <b>2020</b> , 8,	3.5	12
67	The Gondwanan margin in West Antarctica: Insights from Late Triassic magmatism of the Antarctic Peninsula. <i>Gondwana Research</i> , <b>2020</b> , 81, 1-20	5.1	12
66	Petroleum as source and carrier of metals in epigenetic sediment-hosted mineralization. <i>Scientific Reports</i> , <b>2019</b> , 9, 8283	4.9	11
65	Redox state of southern Tibetan upper mantle and ultrapotassic magmas. <i>Geology</i> , <b>2020</b> , 48, 733-736	5	11
64	New insights into petrogenesis of Miocene magmatism associated with porphyry copper deposits of the Andean Pampean flat slab, Argentina. <i>Geoscience Frontiers</i> , <b>2018</b> , 9, 1565-1576	6	11
63	Petrology and geochemistry of the Karaj Dam basement sill: Implications for geodynamic evolution of the Alborz magmatic belt. <i>Chemie Der Erde</i> , <b>2015</b> , 75, 237-260	4.3	10
62	Origin of Early Carboniferous pseudo-adakites in northern Brittany (France) through massive amphibole fractionation from hydrous basalt. <i>Terra Nova</i> , <b>2011</b> , 23, 1-10	3	10
61	Geologic Setting, Mineralogy, and Geochemistry of the Early Tertiary Au-Rich Volcanic-Hosted Massive Sulfide Deposit of La Plata, Western Cordillera, Ecuador. <i>Economic Geology</i> , <b>2008</b> , 103, 161-183	4.3	10
60	Origin and age of carbonate clasts from the Lusi eruption, Java, Indonesia. <i>Marine and Petroleum Geology</i> , <b>2018</b> , 90, 138-148	4.7	10
59	Triassic magmatism in the European Southern Alps as an early phase of Pangea break-up. <i>Geological Magazine</i> , <b>2020</b> , 157, 1800-1822	2	9
58	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> , <b>2018</b> , 355, 232-252	2.8	9
57	Formation and evolution processes of the Salanfè W-Au skarns (Aiguilles Rouges Massif, western Swiss Alps). <i>Mineralium Deposita</i> , <b>2003</b> , 38, 154-168	4.8	9
56	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> , <b>2013</b> , 48, 991-1017	4.8	8
55	Experimental anatexis, fluorine geochemistry and lead-isotope constraints on granite petrogenesis in the Seridó Belt, Borborema Province, northeastern Brazil. <i>Chemical Geology</i> , <b>2015</b> , 400, 122-148	4.2	8
54	Metal Sources in Mineral Deposits and Crustal Rocks of Ecuador (1°N-4°S): A Lead Isotope Synthesis. <i>Economic Geology</i> , <b>2004</b> , 99, 1085-1106	4.3	8
53	Ancient versus modern mineral dust transported to high-altitude alpine glaciers evidences saharan sources and atmospheric circulation changes		8
52	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> , <b>2021</b> , 412, 107173	2.8	8



51	Crustal magmatic controls on the formation of porphyry copper deposits. <i>Nature Reviews Earth &amp; Environment</i> , <b>2021</b> , 2, 542-557	30.2	8
50	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> , <b>2018</b> , 112, 25-44	1.6	7
49	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> , <b>2016</b> , 550, 69-72	10.2	7
48	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> , <b>2019</b> , 114, 1251-1284	4.3	7
47	A revised interpretation of the Chon Aike magmatic province: Active margin origin and implications for the opening of the Weddell Sea. <i>Lithos</i> , <b>2021</b> , 386-387, 106013	2.9	7
46	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> , <b>2019</b> , 66, 227-245	5.1	7
45	Primary hydrous minerals from the Karoo LIP magmas: Evidence for a hydrated source component. <i>Earth and Planetary Science Letters</i> , <b>2018</b> , 503, 181-193	5.3	7
44	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> , <b>2017</b> , 80, 353-374	2	6
43	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> , <b>2012</b> , 2012, 1-14	1.7	6
42	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> , <b>2017</b> , 52, 823-844	4.8	5
41	The Paleogene ophiolite conundrum of the Iran-Iraq border region. <i>Journal of the Geological Society</i> , <b>2020</b> , 177, 955-964	2.7	5
40	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> , <b>2019</b> , 156, 2117-2124	2	5
39	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> , <b>2014</b> , 103, 1059-1082	2.2	5
38	Permian post-collisional basic magmatism from Corsica to the Southeastern Alps. <i>Lithos</i> , <b>2020</b> , 376-377, 105733	2.9	5
37	Jurassic ore-forming systems during the Tethyan orogeny: constraints from the Shamlugh deposit, Alaverdi district, Armenia, Lesser Caucasus. <i>Mineralium Deposita</i> , <b>2019</b> , 54, 1011-1032	4.8	4
36	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> , <b>2019</b> , 112, 287-305	2.1	4
35	Geochemistry and isotope composition (Sr, Pb, $\delta^{66}\text{Zn}$ ) of Vulcano fumaroles (Aeolian Islands, Italy). <i>Chemical Geology</i> , <b>2018</b> , 493, 153-171	4.2	4
34	Late Cretaceous felsic intrusions in oceanic plateau basalts in SW Ecuador: Markers of subduction initiation?. <i>Journal of South American Earth Sciences</i> , <b>2021</b> , 110, 103348	2	4

33	Petrogenesis of Quebrada de la Mina and Altar North porphyries (Cordillera of San Juan, Argentina): Crustal assimilation and metallogenic implications. <i>Geoscience Frontiers</i> , <b>2017</b> , 8, 1135-1159	6	3
32	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> , <b>2020</b> , 177, 1211-1230	2.7	3
31	The paleozoic Jalal Abad mafic complex (Central Iran): Implication for the petrogenesis. <i>Chemie Der Erde</i> , <b>2020</b> , 80, 125597	4.3	3
30	The Kalkarindji Large Igneous Province, Australia: Petrogenesis of the Oldest and Most Compositionally Homogenous Province of the Phanerozoic. <i>Journal of Petrology</i> , <b>2018</b> , 59, 635-665	3.9	3
29	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> , <b>2018</b> , 86, 70-93	2	3
28	Origin of geochemically heterogeneous mid-ocean ridge basalts from the Macquarie Ridge Complex, SW Pacific. <i>Lithos</i> , <b>2021</b> , 380-381, 105893	2.9	3
27	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> , <b>2020</b> , 378-379, 105872	2.9	2
26	Ancient versus modern mineral dust transported to high-altitude Alpine glaciers evidences Saharan sources and atmospheric circulation changes		2
25	Geochemical evolution of the Quaternary Chachimbiro Volcanic Complex (frontal volcanic arc of Ecuador). <i>Lithos</i> , <b>2020</b> , 356-357, 105237	2.9	2
24	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> , <b>2021</b> , 36, 107042	1.2	2
23	Enrichment Nature of Ultrapotassic Rocks in Southern Tibet Inherited from their Mantle Source. <i>Journal of Petrology</i> , <b>2021</b> , 62,	3.9	2
22	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> , <b>2016</b> , egw048	3.9	2
21	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> , <b>2021</b> , 579, 120352	4.2	2
20	Monitoring steel bridge renovation using lead isotopic tracing. <i>Chemosphere</i> , <b>2017</b> , 174, 260-267	8.4	1
19	High-resolution compositional analysis of a fluvial-fan succession: The Miocene infill of the Cacheuta Basin (central Argentinian foreland). <i>Sedimentary Geology</i> , <b>2018</b> , 375, 268-288	2.8	1
18	Mass spectrometry in Earth sciences: the precise and accurate measurement of time. <i>Chimia</i> , <b>2014</b> , 68, 124-8	1.3	1
17	Pulsed exsolution of magmatic ore-forming fluids in tin-tungsten systems: a SIMS cassiterite oxygen isotope record. <i>Mineralium Deposita</i> , <b>2022</b> , 57, 343-352	4.8	1
16	Deep to shallow sulfide saturation at Nisyros active volcano. <i>Geochemistry, Geophysics, Geosystems</i> ,	3.6	1

15	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> , <b>2020</b> , 374-375, 105688	2.9	1
14	Geochronology and geochemistry data for the Elbrus, Tyrnyauz, and Chegem magmatic centers, Greater Caucasus, Russia. <i>Data in Brief</i> , <b>2021</b> , 35, 106896	1.2	1
13	Magmatic sulphides in high-K calc-alkaline to shoshonitic and alkaline rocks <b>2019</b> ,		1
12	A genetic link between albitic magmas and IOCG mineralization in the Ossa Morena Zone (SW Iberia). <i>Journal of Iberian Geology</i> , <b>2021</b> , 47, 85-119	1.1	1
11	T-P-fO <sub>2</sub> conditions of sulfide saturation in magmatic enclaves and their host lavas. <i>Lithos</i> , <b>2021</b> , 398-399, 106313	2.9	1
10	The upper Oligocene San Rafael intrusive complex (Eastern Cordillera, southeast Peru), host of the largest-known high-grade tin deposit. <i>Lithos</i> , <b>2021</b> , 400-401, 106409	2.9	1
9	Arabia-Eurasia convergence and collision control on Cenozoic juvenile K-rich magmatism in the South Armenian block, Lesser Caucasus. <i>Earth-Science Reviews</i> , <b>2022</b> , 226, 103949	10.2	0
8	Chapter 23: Alteration, Mineralization, and Age Relationships at the K <sup>+</sup> -Ba Porphyry Gold Deposit, Turkey <b>2020</b> , 467-495		0
7	Zinc systematics quantify crustal thickness control on fractionating assemblages of arc magmas. <i>Scientific Reports</i> , <b>2021</b> , 11, 14667	4.9	0
6	Crustal architecture studies in the Iranian Cadomian arc: Insights into source, timing and metallogeny. <i>Ore Geology Reviews</i> , <b>2021</b> , 136, 104280	3.2	0
5	Cratonic keels controlled the emplacement of the Central Atlantic Magmatic Province (CAMP). <i>Earth and Planetary Science Letters</i> , <b>2022</b> , 584, 117480	5.3	0
4	Reply to Discussion on Formation and evolution processes of the Salanfe W-Au-As-skarns (Aiguilles Rouges Massif, western Swiss Alps) by Chiaradia M (Mineralium Deposita 38: 154-168). <i>Mineralium Deposita</i> , <b>2004</b> , 39, 399-401	4.8	
3	Geochemical and isotopic variations in a frontal arc volcanic cluster (Chachimbiro-Pulumbura-Pilavo-Yanaurcu, Ecuador). <i>Chemical Geology</i> , <b>2021</b> , 574, 120240	4.2	
2	Strontium isotopes reveal Early Devonian to Middle Triassic carbonate sedimentation in the Sakar-Strandzha Zone, SE Bulgaria. <i>International Journal of Earth Sciences</i> , <b>2011</b> , 100, 103-114	2.2	
1	Iron isotope compositions of subduction-derived rocks: Insights from eclogites and metasediments of the Mchberg Massif (Germany). <i>Chemical Geology</i> , <b>2022</b> , 602, 120899	4.2	