

# E Deloule

## List of Publications by Year in descending order

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169  
papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Interplay of magmatic and diapiric environments in the Djebel El Hamra Pb-Zn-Hg ore district, northern Tunisia. <i>Mineralium Deposita</i> , 2022, 57, 35-60.	1.7	5
2	The microbial controls on the deposition of $\text{Pb-Zn}$ minerals in carbonate-hosted Tunisian ore deposits. <i>Resource Geology</i> , 2022, 72, .	0.3	1
3	Water enrichment in the mid-ocean ridge by recycling of mantle wedge residue. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117455.	1.8	9
4	Zoisite in cratonic eclogite xenoliths - Implications for water in the upper mantle. <i>Lithos</i> , 2022, 418-419, 106681.	0.6	3
5	The Tim Merso $\tilde{a}$ Basin uranium deposits (Northern Niger): Geochronology and genetic model. <i>Ore Geology Reviews</i> , 2022, 145, 104905.	1.1	0
6	Linking the Jehol Biota Evolution to the Early Cretaceous Volcanism During the North China Craton Destruction: Insights From F, Cl, S, and P. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	3
7	Uranium solubility and speciation in reductive soda-lime aluminosilicate glass melts. <i>Journal of Nuclear Materials</i> , 2021, 544, 152666.	1.3	5
8	High-spatial-resolution measurements of iron isotopes in pyrites by secondary ion mass spectrometry using the new Hyperion $\text{H}$ radio-frequency plasma source. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8986.	0.7	8
9	Intense biogeochemical iron cycling revealed in Neoproterozoic micropyrates from stromatolites. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 312, 299-320.	1.6	3
10	Origin and timing of volatile delivery (N, H) to the angrite parent body: Constraints from in situ analyses of melt inclusions. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 313, 243-256.	1.6	10
11	Cenozoic oxidation episodes in West Africa at the origin of the in situ supergene mineral redistribution of the primary uranium orebodies (Imouraren deposit, Tim Merso $\tilde{a}$ Basin, Northern) <i>Tj ETQq1 1 0.784314 rgBT4/Overload</i>	1.4	14
12	Tracing metallic pre-concentrations in the Limousin ophiolite-derived rocks and Variscan granites (French Massif Central). <i>Lithos</i> , 2020, 356-357, 105345.	0.6	5
13	A case study of in situ analyses (major and trace elements, U-Pb geochronology and Hf-O isotopes) of a zircon megacryst: Implication for the evolution of the Eg $\text{A}$ terrane (Central Hoggar, Tuareg Shield,) <i>Tj ETQq1 1 0.784314 rgBT /</i>	1.4	14
14	Cosmic ray effects on the isotope composition of hydrogen and noble gases in lunar samples: Insights from Apollo 12018. <i>Earth and Planetary Science Letters</i> , 2020, 550, 116550.	1.8	10
15	Molecular hydrogen in minerals as a clue to interpret $\delta\text{D}$ variations in the mantle. <i>Nature Communications</i> , 2020, 11, 3604.	5.8	30
16	Evidence for an Active, Transcrustal Magma System in the Last 60 $\text{Ka}$ and Eruptive Degassing Budget ( $\text{H}_2\text{O}$ , $\text{CO}_2$ , S, F, Cl, Br): The Case of Dominica. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009050.	1.0	3
17	Tracing metal sources for the giant McArthur River Zn-Pb deposit (Australia) using lead isotopes. <i>Geology</i> , 2020, 48, 478-482.	2.0	24
18	Br diffusion in phonolitic melts: Comparison with fluorine and chlorine diffusion. <i>American Mineralogist</i> , 2020, 105, 1639-1646.	0.9	3

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19	Ilmenites and their alteration products, sinkholes for uranium and radium in roll-front deposits after the example of South Tortkuduk (Kazakhstan). <i>Journal of Geochemical Exploration</i> , 2019, 206, 106343.	1.5	11
20	Evidence of chemical heterogeneity within lunar anorthosite parental magmas. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 266, 109-130.	1.6	26
21	U-Pb isotopic dating of columbite-tantalite minerals: Development of reference materials and in situ applications by ion microprobe. <i>Chemical Geology</i> , 2019, 512, 69-84.	1.4	21
22	Magma interactions, crystal mush formation, timescales, and unrest during caldera collapse and lateral eruption at ocean island basaltic volcanoes (Piton de la Fournaise, La Réunion). <i>Earth and Planetary Science Letters</i> , 2019, 515, 187-199.	1.8	33
23	Post-crystallization alteration of natural uraninites: Implications for dating, tracing, and nuclear forensics. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 249, 138-159.	1.6	31
24	Lithium Behaviour and Isotope Fractionation During Fluid-Rock Interactions in Variscan Oceanic Suture Zones: Limousin Ophiolite and Ile de Groix High-pressure Terrane (France). <i>Journal of Petrology</i> , 2019, 60, 1963-1990.	1.1	4
25	Volatile segregation and generation of highly vesiculated explosive magmas by volatile-melt fining processes: The case of the Campanian Ignimbrite eruption. <i>Chemical Geology</i> , 2019, 503, 1-14.	1.4	18
26	Chemical 3D-imaging of glass inclusions from allende (CV3) olivine via SIMS: A new insight on chondrule formation conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 230, 83-93.	1.6	2
27	Crustal-scale convection and diapiric upwelling of a partially molten orogenic root (Naxos dome, Tj ETQq1 1 0.784314 rgBT / Overlock	0.9	24
28	Uranium metallogenesis of the peraluminous leucogranite from the Pontivy-Rostrenen magmatic complex (French Armorican Variscan belt): the result of long-term oxidized hydrothermal alteration during strike-slip deformation. <i>Mineralium Deposita</i> , 2018, 53, 601-628.	1.7	28
29	Metasomatism in the sub-continental lithospheric mantle beneath the south French Massif Central: Constraints from trace elements, Li and H in peridotite minerals. <i>Chemical Geology</i> , 2018, 478, 2-17.	1.4	12
30	U-series disequilibria in minerals from Gandak River sediments (Himalaya). <i>Chemical Geology</i> , 2018, 477, 22-34.	1.4	19
31	The genesis of granite-related hydrothermal uranium deposits in the Xiazhuang and Zhuguang ore fields, North Guangdong Province, SE China: Insights from mineralogical, trace elements and U-Pb isotopes signatures of the U mineralisation. <i>Ore Geology Reviews</i> , 2018, 92, 588-612.	1.1	65
32	Deep pre-eruptive storage of silicic magmas feeding Plinian and dome-forming eruptions of central and northern Dominica (Lesser Antilles) inferred from volatile contents of melt inclusions. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	17
33	Freshwater pearl mussels as a stream water stable isotope recorder. <i>Ecohydrology</i> , 2018, 11, e2007.	1.1	11
34	The role of melt composition on aqueous fluid vs. silicate melt partitioning of bromine in magmas. <i>Earth and Planetary Science Letters</i> , 2018, 498, 450-463.	1.8	29
35	Kinetic D/H fractionation during hydration and dehydration of silicate glasses, melts and nominally anhydrous minerals. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 233, 14-32.	1.6	23
36	Nitrogen abundance and isotope analysis of silicate glasses by secondary ionization mass spectrometry. <i>Chemical Geology</i> , 2018, 493, 327-337.	1.4	15

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37	Magmatic and hydrothermal behavior of uranium in syntectonic leucogranites: The uranium mineralization associated with the Hercynian GuÂ©rande granite (Armorican Massif, France). <i>Ore Geology Reviews</i> , 2017, 80, 309-331.	1.1	45
38	A new set of standards for inÂ©situ measurement of bromine abundances in natural silicate glasses: Application to SR-XRF, LA-ICP-MS and SIMS techniques. <i>Chemical Geology</i> , 2017, 452, 60-70.	1.4	19
39	Hafnium solubility determination in soda-lime aluminosilicate glass. <i>Journal of Non-Crystalline Solids</i> , 2017, 457, 13-24.	1.5	5
40	Dynamic contribution of recycled components from the subducted Pacific slab: Oxygen isotopic composition of the basalts from 106Â©Ma to 60Â©Ma in North China Craton. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 988-1006.	1.4	12
41	Trace elements in anatectic products at the roof of mid-ocean ridge magma chambers: An experimental study. <i>Chemical Geology</i> , 2017, 456, 43-57.	1.4	10
42	Heterogeneous source components of intraplate basalts from NE China induced by the ongoing Pacific slab subduction. <i>Earth and Planetary Science Letters</i> , 2017, 459, 208-220.	1.8	67
43	Iron isotope fractionation in subduction-related high-pressure metabasites (Ile de Groix, France). <i>Contributions To Mineralogy and Petrology</i> , 2017, 172, 1.	1.2	23
44	Typical oxygen isotope profile of altered oceanic crust recorded in continental intraplate basalts. <i>Journal of Earth Science (Wuhan, China)</i> , 2017, 28, 578-587.	1.1	5
45	The production rate of cosmogenic deuterium at the Moon's surface. <i>Earth and Planetary Science Letters</i> , 2017, 474, 76-82.	1.8	30
46	Origin of Na in glass inclusions hosted in olivine from Allende CV3 and Jbilet Winselwan CM2: Implications for chondrule formation. <i>Earth and Planetary Science Letters</i> , 2017, 474, 160-171.	1.8	4
47	Isotopic and geochemical constraints on lead and fluid sources of the PbZnAg mineralization in the polymetallic Tighza-Jbel Aouam district (central Morocco), and relationships with the geodynamic context. <i>Journal of African Earth Sciences</i> , 2017, 127, 194-210.	0.9	15
48	Primary uranium sources for sedimentary-hosted uranium deposits in NE China: insight from basement igneous rocks of the Erlian Basin. <i>Mineralium Deposita</i> , 2017, 52, 297-315.	1.7	34
49	Investigation of Ge and Ga exchange behaviour and Ge isotopic fractionation during subduction zone metamorphism. <i>Chemical Geology</i> , 2017, 449, 165-181.	1.4	14
50	Trace element and isotope analysis using Secondary Ion Mass Spectrometry. , 2017, , 131-164.		0
51	Water concentrations and hydrogen isotope compositions of alkaline basalt-hosted clinopyroxene megacrysts and amphibole clinopyroxenites: the role of structural hydroxyl groups and molecular water. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	9
52	Trace element evidence for anatexis at oceanic magma chamber roofs and the role of partial melts for contamination of fresh MORB. <i>Lithos</i> , 2016, 260, 1-8.	0.6	18
53	Multi-stage metasomatism revealed by trace element and Li isotope distributions in minerals of peridotite xenoliths from AllÂ©gre volcano (French Massif Central). <i>Lithos</i> , 2016, 264, 158-174.	0.6	15
54	Continuous supply of recycled Pacific oceanic materials in the source of Cenozoic basalts in SE China: the Zhejiang case. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	36

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55	The Polymetallic (Wâ€“Au and Pbâ€“Znâ€“Ag) Tighza District (Central Morocco): Ages of Magmatic and Hydrothermal Events. <i>Mineral Resource Reviews</i> , 2016, , 107-131.	1.5	3
56	U/Pb Ages of Magmatism in the Zgounder Epithermal Agâ€“Hg Deposit, Sirwa Window, Anti-Atlas, Morocco. <i>Mineral Resource Reviews</i> , 2016, , 143-165.	1.5	6
57	Magma Storage and Extraction Associated with Plinian and Interplinian Activity at Santorini Caldera (Greece). <i>Journal of Petrology</i> , 2016, 57, 461-494.	1.1	33
58	Tectonomagmatic Context of Sedex Pbâ€“Zn and Polymetallic Ore Deposits of the Nappe Zone Northern Tunisia, and Comparisons with MVT Deposits in the Region. <i>Mineral Resource Reviews</i> , 2016, , 497-525.	1.5	8
59	Tectono-metamorphic evolution of the internal zone of the Pan-African Lufilian orogenic belt (Zambia): Implications for crustal reworking and syn-orogenic uranium mineralizations. <i>Lithos</i> , 2016, 240-243, 167-188.	0.6	27
60	The Ranger uranium deposit, northern Australia: Timing constraints, regional and ore-related alteration, and genetic implications for unconformity-related mineralisation. <i>Ore Geology Reviews</i> , 2016, 76, 463-503.	1.1	29
61	Recycled oceanic crust and marine sediment in the source of alkali basalts in Shandong, eastern China: Evidence from magma water content and oxygen isotopes. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 8281-8303.	1.4	41
62	Potential Orthopyroxene, Clinopyroxene and Olivine Reference Materials for <i>In Situ</i> <sup>87</sup> Rb/ <sup>87</sup> Sr Isotope Determination. <i>Geostandards and Geoanalytical Research</i> , 2015, 39, 357-369.	1.7	51
63	Large Lithium Isotopic Variations in Minerals from Peridotite Xenoliths from the Eastern North China Craton. <i>Journal of Geology</i> , 2015, 123, 79-94.	0.7	18
64	Water Content and Oxygen Isotopic Composition of Alkali Basalts from the Taihang Mountains, China: Recycled Oceanic Components in the Mantle Source. <i>Journal of Petrology</i> , 2015, 56, 681-702.	1.1	60
65	Temporal variation of H <sub>2</sub> O content in the lithospheric mantle beneath the eastern North China Craton: Implications for the destruction of cratons. <i>Gondwana Research</i> , 2015, 28, 276-287.	3.0	32
66	Identification of hydrogen defects linked to boron substitution in synthetic forsterite and natural olivine. <i>American Mineralogist</i> , 2014, 99, 2138-2141.	0.9	28
67	The Shallow Plumbing System of Piton de la Fournaise Volcano (La Reunion Island, Indian Ocean) Revealed by the Major 2007 Caldera-Forming Eruption. <i>Journal of Petrology</i> , 2014, 55, 1287-1315.	1.1	85
68	Uraniferous bitumen nodules in the Talvivaara Niâ€“Znâ€“Cuâ€“Co deposit (Finland): influence of metamorphism on uranium mineralization in black shales. <i>Mineralium Deposita</i> , 2014, 49, 513-533.	1.7	18
69	Lead isotope signatures of Kerguelen plume-derived olivine-hosted melt inclusions: Constraints on the ocean island basalt petrogenesis. <i>Lithos</i> , 2014, 198-199, 153-171.	0.6	13
70	New evidence for chondritic lunar water from combined D/H and noble gas analyses of single Apollo 17 volcanic glasses. <i>Icarus</i> , 2014, 229, 109-120.	1.1	59
71	Magma Storage Conditions of Large Plinian Eruptions of Santorini Volcano (Greece). <i>Journal of Petrology</i> , 2014, 55, 1129-1171.	1.1	63
72	Uranium mobilization by fluids associated with Caâ€“Na metasomatism: A Pâ€“Tâ€“t record of fluidâ€“rock interactions during Pan-African metamorphism (Western Zambian Copperbelt). <i>Chemical Geology</i> , 2014, 386, 218-237.	1.4	21

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73	Water content, $\delta D$ and $\delta^{11}B$ tracking in the Vanuatu arc magmas (Aoba Island): Insights from olivine-hosted melt inclusions. <i>Lithos</i> , 2014, 206-207, 400-408.	0.6	28
74	Dating of U-rich heterogenite: New insights into U deposit genesis and U cycling in the Katanga Copperbelt. <i>Precambrian Research</i> , 2014, 241, 17-28.	1.2	10
75	Lithium elemental and isotopic variations in rock-melt interaction. <i>Chemie Der Erde</i> , 2014, 74, 705-713.	0.8	16
76	Contamination of MORB by anatexis of magma chamber roof rocks: Constraints from a geochemical study of experimental melts and associated residues. <i>Lithos</i> , 2014, 202-203, 120-137.	0.6	35
77	Distinguishing silicate and carbonatite mantle metasomatism by using lithium and its isotopes. <i>Chemical Geology</i> , 2014, 381, 67-77.	1.4	38
78	Abnormal lithium isotope composition from the ancient lithospheric mantle beneath the North China Craton. <i>Scientific Reports</i> , 2014, 4, 4274.	1.6	45
79	A Hidden Alkaline and Carbonatite Province of Early Carboniferous Age in Northeast Poland: Zircon U-Pb and Pyrrhotite Re-Os Geochronology. <i>Journal of Geology</i> , 2013, 121, 91-104.	0.7	18
80	Decadal to monthly timescales of magma transfer and reservoir growth at a caldera volcano. <i>Nature</i> , 2012, 482, 77-80.	13.7	306
81	Ferric iron and water incorporation in wadsleyite under hydrous and oxidizing conditions: A XANES, Mossbauer, and SIMS study. <i>American Mineralogist</i> , 2012, 97, 1483-1493.	0.9	24
82	Mylonites of the South Armorican Shear Zone: Insights for crustal-scale fluid flow and water-rock interaction processes. <i>Journal of Geodynamics</i> , 2012, 56-57, 86-107.	0.7	43
83	Extremely high Li and low $\delta^{7}Li$ signatures in the lithospheric mantle. <i>Chemical Geology</i> , 2012, 292-293, 149-157.	1.4	37
84	Slab-derived lithium isotopic signatures in mantle xenoliths from northeastern North China Craton. <i>Lithos</i> , 2012, 149, 79-90.	0.6	69
85	A-type granites from the Pan-African orogenic belt in south-western Chad constrained using geochemistry, Sr-Nd isotopes and U-Pb geochronology. <i>Lithos</i> , 2012, 153, 39-52.	0.6	63
86	Evidence of water degassing during emplacement and crystallization of 2.7 Ga komatiites from the Agnew-Wiluna greenstone belt, Western Australia. <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 143-155.	1.2	10
87	Na <sub>2</sub> O solubility in CaO-MgO-SiO <sub>2</sub> melts. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 608-628.	1.6	25
88	REE and Hf distribution between pyrope and NaCl-bearing water at eclogitic-facies conditions. <i>European Journal of Mineralogy</i> , 2011, 23, 343-353.	0.4	2
89	Garnet re-equilibration by coupled dissolution-precipitation: evidence from textural, major element and oxygen isotope zoning of "cloudy" garnet. <i>Journal of Metamorphic Geology</i> , 2011, 29, 213-231.	1.6	62
90	SIMS U-Pb dating of uranium mineralization in the Katanga Copperbelt: Constraints for the geodynamic context. <i>Ore Geology Reviews</i> , 2011, 40, 81-89.	1.1	44

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91	Geodynamic and climate controls in the formation of Mio-Pliocene world-class oxidized cobalt and manganese ores in the Katanga province, DR Congo. <i>Mineralium Deposita</i> , 2010, 45, 621-629.	1.7	47
92	Behavior of trace elements in relation to Lu-Hf and Sm-Nd geochronometers during metamorphic dehydration-hydration in the HP domain of Vardalsneset, Western Gneiss Region, Norway. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 437-458.	1.2	17
93	Melt/rock interaction in remains of refertilized Archean lithospheric mantle in Jiaodong Peninsula, North China Craton: Li isotopic evidence. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 261-277.	1.2	60
94	Fluid Inputs to Magma Sources of St. Vincent and Grenada (Lesser Antilles): New Insights from Trace Elements in Olivine-hosted Melt Inclusions. <i>Journal of Petrology</i> , 2010, 51, 1597-1615.	1.1	29
95	Low water content of the Cenozoic lithospheric mantle beneath the eastern part of the North China Craton. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	97
96	Light elements, volatiles, and stable isotopes in basaltic melt inclusions from Grenada, Lesser Antilles: Inferences for magma genesis. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	33
97	Elemental and isotopic ( $^{29}\text{Si}$ and $^{18}\text{O}$ ) tracing of glass alteration mechanisms. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3412-3431.	1.6	103
98	Middle Ordovician U-Pb age of the Aston and Hospitalet orthogneissic laccoliths: their role in the Variscan evolution of the Pyrenees. <i>Bulletin - Societe Geologique De France</i> , 2009, 180, 209-216.	0.9	44
99	U-Pb and Sm-Nd dating of high-pressure granulites from Tcholliré and Banyo regions: Evidence for a Pan-African granulite facies metamorphism in north-central Cameroon. <i>Journal of African Earth Sciences</i> , 2009, 54, 144-154.	0.9	66
100	Pb-Zn mineralization in a Miocene regional extensional context: The case of the Sidi Driss and the Douahria ore deposits (Nefza mining district, northern Tunisia). <i>Ore Geology Reviews</i> , 2008, 34, 285-303.	1.1	57
101	Water contrast between Precambrian and Phanerozoic continental lower crust in eastern China. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	40
102	New U-Th/Pb constraints on timing of shearing and long-term slip rate on the Karakorum fault. <i>Tectonics</i> , 2008, 27, .	1.3	98
103	Control of alkali-metal oxide activity in molten silicates. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 5079-5083.	1.5	22
104	Mobility of trace elements and oxygen in zircon during metamorphism: Consequences for geochemical tracing. <i>Earth and Planetary Science Letters</i> , 2008, 267, 161-174.	1.8	122
105	The role of mantle-derived volatiles in the petrogenesis of Palaeoproterozoic ferropicrites in the Pechenga Greenstone Belt, northwestern Russia: Insights from in-situ microbeam and nanobeam analysis of hydromagmatic amphibole. <i>Earth and Planetary Science Letters</i> , 2008, 268, 2-14.	1.8	28
106	Water in minerals of the continental lithospheric mantle and overlying lower crust: A comparative study of peridotite and granulite xenoliths from the North China Craton. <i>Chemical Geology</i> , 2008, 256, 33-45.	1.4	118
107	Dehydrogenation of kaersutitic amphibole under electron beam excitation recorded by changes in Fe <sup>3+</sup> /ÅFe: An EMP and SIMS study. <i>American Mineralogist</i> , 2008, 93, 1273-1281.	0.9	12
108	Slab-Derived Fluids in the Magma Sources of St. Vincent (Lesser Antilles Arc): Volatile and Light Element Imprints. <i>Journal of Petrology</i> , 2008, 49, 1427-1448.	1.1	87

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109	New constraints on metamorphic history of Adirondack diopsides (New York, U.S.A.): Al and $\text{Å}18\text{O}$ profiles. <i>American Mineralogist</i> , 2007, 92, 453-459.	0.9	3
110	Water in granulites: implications for the nature and evolution of the lower continental crust. <i>Progress in Natural Science: Materials International</i> , 2007, 17, 117-130.	1.8	0
111	Hydrothermal zircons: A tool for ion microprobe U-Pb dating of gold mineralization (Tamlalt-Menhouchou gold deposit - Morocco). <i>Chemical Geology</i> , 2007, 245, 135-161.	1.4	171
112	Evidence of ca 1.6-Ga detrital zircon in the Bafia Group (Cameroon): Implication for the chronostratigraphy of the Pan-African Belt north of the Congo craton. <i>Comptes Rendus - Geoscience</i> , 2007, 339, 132-142.	0.4	39
113	Behaviour of Li and its isotopes during metasomatism of French Massif Central Iherzolites. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4279-4296.	1.6	40
114	Methodology for Rare Earth Element Determinations of Uranium Oxides by Ion Microprobe. <i>Geostandards and Geoanalytical Research</i> , 2007, 31, 209-225.	2.0	30
115	Latest Precambrian to Early Cambrian U-Pb zircon ages of augen gneisses from Calabria (Italy), with inference to the Alboran microplate in the evolution of the peri-Gondwana terranes. <i>International Journal of Earth Sciences</i> , 2007, 96, 843-860.	0.9	47
116	Reply to the comment by Mvondo et al. on "U-Pb dating of plutonic rocks involved in the nappe tectonics in southern Cameroon: Consequence for the Pan-African orogenic evolution of the central African fold belt by Toteu et al., 2006" ( <i>Journal of African Earth Sciences</i> 44, 479-493). <i>Journal of African Earth Sciences</i> , 2007, 48, 53-54.	0.9	0
117	Water in the lower crustal granulite xenoliths from Nushan, eastern China. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	50
118	Diachronous evolution of volcano-sedimentary basins north of the Congo craton: Insights from U-Pb ion microprobe dating of zircons from the Poli, Lom and Yaounde Groups (Cameroon). <i>Journal of African Earth Sciences</i> , 2006, 44, 428-442.	0.9	181
119	U-Pb dating of plutonic rocks involved in the nappe tectonic in southern Cameroon: consequence for the Pan-African orogenic evolution of the central African fold belt. <i>Journal of African Earth Sciences</i> , 2006, 44, 479-493.	0.9	154
120	Shrimp U-Pb zircon age evidence for Paleoproterozoic sedimentation and 2.05Ga syntectonic plutonism in the Nyong Group, South-Western Cameroon: consequences for the Eburnean-Transamazonian belt of NE Brazil and Central Africa. <i>Journal of African Earth Sciences</i> , 2006, 44, 413-427.	0.9	187
121	Metamorphic zircon from Xindian eclogite, Dabie Terrain: U-Pb age and oxygen isotope composition. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 68-76.	0.9	9
122	Variscan to eo-Alpine events recorded in European lower-crust zircons sampled from the French Massif Central and Corsica, France. <i>Lithos</i> , 2006, 87, 235-260.	0.6	57
123	The isotopic composition of zircon and garnet: A record of the metamorphic history of Naxos, Greece. <i>Lithos</i> , 2006, 87, 174-192.	0.6	92
124	Son68 Glass Dissolution Kinetics at High Reaction Progress: Mechanisms Accounting for The Residual Alteration Rate. <i>Materials Research Society Symposia Proceedings</i> , 2006, 932, 1.	0.1	24
125	Analytical Developments in Secondary Ion Mass Spectrometry 2003. <i>Geostandards and Geoanalytical Research</i> , 2005, 29, 37-40.	2.0	3
126	Trace elements in the Merensky Reef and adjacent norites Bushveld Complex South Africa. <i>Mineralium Deposita</i> , 2005, 40, 550-575.	1.7	30

#	ARTICLE	IF	CITATIONS
127	Constraints on the early cooling rates of Mt. Dabie from diffusion modeling of chemical zoning of garnet. <i>Diqiu Huaxue</i> , 2005, 24, 208-220.	0.5	1
128	Two Ultrahigh-Pressure Metamorphic Events Recognized in the Central Orogenic Belt of China: Evidence from the U-Pb Dating of Coesite-Bearing Zircons. <i>International Geology Review</i> , 2005, 47, 327-343.	1.1	139
129	AGE AND SIGNIFICANCE OF RUBY-BEARING MARBLE FROM THE RED RIVER SHEAR ZONE, NORTHERN VIETNAM. <i>Canadian Mineralogist</i> , 2005, 43, 1315-1329.	0.3	29
130	Hydrogen Isotopic Compositions of Pyroxenes in Nushan Peridotite Xenoliths, SE China. <i>Acta Geologica Sinica</i> , 2005, 79, 336-342.	0.8	2
131	Pressure and temperature-dependence of water solubility in Fe-free wadsleyite. <i>American Mineralogist</i> , 2005, 90, 1084-1091.	0.9	126
132	ANOMALOUSLY HIGH $\delta D$ VALUES IN AN ARCHEAN FERROPICRITIC MELT: IMPLICATIONS FOR MAGMA DEGASSING. <i>Canadian Mineralogist</i> , 2005, 43, 1745-1758.	0.3	12
133	Multi-isotopic system geochronology of low temperature eclogite from Huangzhen, Southern Dabie Terrain. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 931.	0.9	7
134	Petrology, U/Pb dating and (C-O) stable isotope constraints on the source and evolution of the adakite-related Mezcala Fe-Au skarn district, Guerrero, Mexico. <i>Mineralium Deposita</i> , 2004, 39, 301-312.	1.7	23
135	Osmium, sulphur, and helium isotopic results from the giant Neoproterozoic epithermal Imiter silver deposit, Morocco: evidence for a mantle source. <i>Chemical Geology</i> , 2004, 207, 59-79.	1.4	64
136	Oxygen and hydrogen isotope heterogeneity of clinopyroxene megacrysts from Nushan Volcano, SE China. <i>Chemical Geology</i> , 2004, 209, 137-151.	1.4	31
137	Widespread cementation induced by inflow of continental water in the eastern part of the Paris basin: O and C isotopic study of carbonate cements. <i>Applied Geochemistry</i> , 2004, 19, 1201-1215.	1.4	39
138	Hydromagmatic amphibole in komatiitic, tholeiitic and ferropicritic units, Abitibi greenstone belt, Ontario and Québec: evidence for Archaean wet basic and ultrabasic melts. <i>Mineralogy and Petrology</i> , 2003, 77, 39-65.	0.4	19
139	U-Pb zircon (TIMS and SIMS) and Sm-Nd whole-rock geochronology of the Gour Oumelalen granulitic basement, Hoggar massif, Tuareg shield, Algeria. <i>Journal of African Earth Sciences</i> , 2003, 37, 229-239.	0.9	56
140	Exhumation tectonics of the ultrahigh-pressure metamorphic rocks in the Qinling orogen in east China: New petrological-structural-radiometric insights from the Shandong Peninsula. <i>Tectonics</i> , 2003, 22, n/a-n/a.	1.3	133
141	Application of in situ zircon geochronology and accessory phase chemistry to constraining basin development during post-collisional extension: a case study from the French Massif Central. <i>Chemical Geology</i> , 2003, 201, 319-336.	1.4	50
142	Aqueous alteration in the Northwest Africa 817 (NWA 817) Martian meteorite. <i>Earth and Planetary Science Letters</i> , 2002, 203, 431-444.	1.8	71
143	Behavior of Li and its isotopes during serpentinization of oceanic peridotites. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, 1-20.	1.0	127
144	Anomalously high $\delta D$ values in the mantle. <i>Geophysical Research Letters</i> , 2002, 29, 4-1.	1.5	10

#	ARTICLE	IF	CITATIONS
145	In-situ U <sup>238</sup> /Pb zircon ages for Early Ordovician magmatism in the eastern Pyrenees, France: the Canigou orthogneisses. <i>International Journal of Earth Sciences</i> , 2002, 91, 398-405.	0.9	111
146	Zircon U <sup>238</sup> /Pb geochronology of Ordovician magmatism in the polycyclic Ruitor Massif (Internal W) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	40
147	U <sup>238</sup> /Pb isotopic study of relict zircon inclusions recovered from Muong Nong-type tektites. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 1833-1838.	1.6	41
148	Geochemistry of the rhyolitic magmas from the Streltsovka caldera (Transbaikalia, Russia): a melt inclusion study. <i>Chemical Geology</i> , 2001, 175, 273-290.	1.4	54
149	Anomalously high $\delta D$ and micro-scale hydrogen isotope heterogeneities in the mantle: Ion microprobe analysis of amiboles from peridotite xenoliths at Nushan, eastern China. <i>Science Bulletin</i> , 2001, 46, 505-508.	1.7	2
150	Zircon SIMS ages and chemical compositions from Northern Dabie Terrain: Its implication for pyroxenite genesis. <i>Science Bulletin</i> , 2001, 46, 1047-1050.	1.7	5
151	319 $\pm$ 7 Ma crystallization age for the Blond granite (northwest Limousin, French Massif Central) obtained by U/Pb ion-probe dating of zircons. <i>Comptes Rendus De L'Académie Des Sciences Earth &amp; Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , 2000, 330, 617-622.	0.2	3
152	REE-bearing sulfide in Bishunpur (LL3.1), a highly unequilibrated ordinary chondrite. <i>Earth and Planetary Science Letters</i> , 2000, 177, 1-7.	1.8	14
153	Experimental constraints on alkali condensation in chondrule formation. <i>Meteoritics and Planetary Science</i> , 2000, 35, 1183-1188.	0.7	37
154	Extraterrestrial water in micrometeorites and cosmic spherules from Antarctica: An ion microprobe study. <i>Meteoritics and Planetary Science</i> , 1999, 34, 773-786.	0.7	60
155	Origin and evolution of water on the earth: Contribution of D/H ion probe measurements. <i>Science Bulletin</i> , 1998, 43, 30-30.	1.7	0
156	Interstellar hydroxyl in meteoritic chondrules: implications for the origin of water in the inner solar system. <i>Geochimica Et Cosmochimica Acta</i> , 1998, 62, 3367-3378.	1.6	87
157	Evidence for hydrous high-MgO melts in the Precambrian. <i>Geology</i> , 1997, 25, 143.	2.0	71
158	The erosion of the Alps: Nd isotopic and geochemical constraints on the sources of the peri-Alpine molasse sediments. <i>Earth and Planetary Science Letters</i> , 1997, 146, 627-644.	1.8	25
159	Primitive basaltic melts included in podiform chromites from the Oman Ophiolite. <i>Earth and Planetary Science Letters</i> , 1997, 146, 489-497.	1.8	83
160	Cathodoluminescence of quartz from sandstones; interpretation of the UV range by determination of trace element distributions and fluid-inclusion P-T-X properties in authigenic quartz. <i>American Mineralogist</i> , 1996, 81, 891-901.	0.9	82
161	Richterite-bearing peridotites and MARID-type inclusions in lavas from North Eastern Morocco: mineralogy and D/H isotopic studies. <i>Contributions To Mineralogy and Petrology</i> , 1996, 124, 406-421.	1.2	33
162	Ion microprobe determination of water in silicate glasses: methods and applications. <i>Chemical Geology</i> , 1995, 125, 19-28.	1.4	63

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163	Interstellar water in meteorites?. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 4695-4706.	1.6	101
164	Instrumental limitations for isotope measurements with a Cameca ims-3f ion microprobe: Example of H, B, S and Sr. <i>Chemical Geology: Isotope Geoscience Section</i> , 1992, 101, 187-192.	0.7	15
165	Hydrogen isotope heterogeneities in the mantle from ion probe analysis of amphiboles from ultramafic rocks. <i>Earth and Planetary Science Letters</i> , 1991, 105, 543-553.	1.8	121
166	The flow of hot brines in cracks and the formation of ore deposits. <i>Economic Geology</i> , 1989, 84, 2217-2225.	1.8	20
167	Lead and sulfur isotope microstratigraphy in galena crystals from mississippi valley-type deposits. <i>Economic Geology</i> , 1986, 81, 1307-1321.	1.8	79
168	The genesis of fluorspar hydrothermal deposits at Montroc and Le Burc, the Tarn, as deduced from fluid inclusion analysis. <i>Economic Geology</i> , 1982, 77, 1867-1874.	1.8	21
169	Improvements of laser probe mass spectrometry for the chemical analysis of fluid inclusions in ores. <i>Chemical Geology</i> , 1982, 37, 191-202.	1.4	13