

Magali Ader

List of Publications by Year in descending order

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90
papers

3,221
citations

126907

33
h-index

155660

55
g-index

94
all docs

94
docs citations

94
times ranked

3002
citing authors

#	ARTICLE	IF	CITATIONS
1	The Dziani Dzaha Lake: A long-awaited modern analogue for superheavy pyrites. <i>Geobiology</i> , 2022, 20, 444-461.	2.4	6
2	Successive Modes of Carbonate Precipitation in Microbialites along the Hydrothermal Spring of La Salsa in Laguna Pastos Grandes (Bolivian Altiplano). <i>Geosciences (Switzerland)</i> , 2022, 12, 88.	2.2	2
3	Strong reorganization of multi-domain microbial networks associated with primary producers sedimentation from oxic to anoxic conditions in an hypersaline lake. <i>FEMS Microbiology Ecology</i> , 2022, 97, .	2.7	3
4	A large epeiric methanogenic Bambuã-sea in the core of Gondwana supercontinent?. <i>Geoscience Frontiers</i> , 2021, 12, 203-218.	8.4	23
5	Chlorine isotope data of chlorides challenge the pore fluid paradigm. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 300, 258-278.	3.9	12
6	Organic matter removal for continuous flow isotope ratio mass spectrometry analysis of carbon and oxygen isotope compositions of calcite or dolomite in organic-rich samples. <i>Limnology and Oceanography: Methods</i> , 2021, 19, 523-539.	2.0	1
7	The Nitrogen Cycle in an Epeiric Sea in the Core of Gondwana Supercontinent: A Study on the Ediacaran-Cambrian Bambuã-Group, East-central Brazil. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	2
8	Influence of aphotic haloclines and euxinia on organic biomarkers and microbial communities in a thalassohaline and alkaline volcanic crater lake. <i>Geobiology</i> , 2021, , .	2.4	3
9	Chlorine isotopes from chlorides in sedimentary fluids of the ocean crust and the Cl budget of Earth surface Chlorine. , 2021, , .		0
10	Nitrogen isotope variations across the 3.4 Gyr Buck Reef Chert, South Africa, question early nitrogen sources and pathways. , 2021, , .		0
11	Under-representation of Talents among Awards in Geochemistry and Cosmochemistry. , 2021, , .		0
12	The role of early diagenesis in the shaping of geochemical records: an example from Lake Dziani Dzaha, Mayotte. , 2021, , .		0
13	Biom mineralization against all odds: Strategies of bacteria, foraminifera and bryozoa to control precipitation, mineralogy, and pH against environmental conditions.. , 2021, , .		0
14	Nitrogen Isotope Discrepancy Between Primary Producers and Sediments in an Anoxic and Alkaline Lake. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	3
15	Variability of Carbonate Isotope Signatures in a Hydrothermally Influenced System: Insights from the Pastos Grandes Caldera (Bolivia). <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 989.	2.0	8
16	Carbon isotope evidence for large methane emissions to the Proterozoic atmosphere. <i>Scientific Reports</i> , 2020, 10, 18186.	3.3	21
17	Oxygen isotope composition of waters recorded in carbonates in strong clumped and oxygen isotopic disequilibrium. <i>Biogeosciences</i> , 2020, 17, 1731-1744.	3.3	12
18	Quantitative and specific recovery of natural organic and mineral sulfur for (multi)-isotope analysis. <i>Organic Geochemistry</i> , 2020, 146, 104055.	1.8	4

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19	The origin of continental carbonates in Andean salars: A multi-tracer geochemical approach in Laguna Pastos Grandes (Bolivia). <i>Geochimica Et Cosmochimica Acta</i> , 2020, 279, 220-237.	3.9	9
20	Microfacies, diagenesis and hydrocarbon potential of the Neoproterozoic cap carbonate of the southern Amazon Craton. <i>Sedimentary Geology</i> , 2020, 406, 105720.	2.1	8
21	Early Diagenesis of Lacustrine Carbonates in Volcanic Settings: The Role of Magmatic CO ₂ (Lake Dziani Dzaha, Mayotte, Indian Ocean). <i>ACS Earth and Space Chemistry</i> , 2020, 4, 363-378.	2.7	18
22	Geochemistry of an endorheic thalassohaline ecosystem: the Dziani Dzaha crater lake (Mayotte) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	1.2	6
23	Eustatic Control on Superheavy ³ S Pyrite Trends from Late Ediacaran-early Cambrian Carbonate Successions of the West Gondwana: Sulfate Distillation Cycles in Shallow Water Platforms?. , 2020, , .		0
24	Could Proterozoic Positive Carbon Isotope Excursions be Tracking Intense Methane Fluxes to the Atmosphere? An Analogue-Based Hypothesis. , 2020, , .		0
25	A Modern Analogue for Superheavy Pyrites?. , 2020, , .		0
26	Formation of magnesium-smectite during lacustrine carbonates early diagenesis: Study case of the volcanic crater lake Dziani Dzaha (Mayotte - Indian Ocean). <i>Sedimentology</i> , 2019, 66, 983-1001.	3.1	20
27	Nitrogen isotope evidence for stepwise oxygenation of the ocean during the Great Oxidation Event. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 261, 224-247.	3.9	16
28	Biotic-Abiotic Influences on Modern Ca-Si-Rich Hydrothermal Spring Mounds of the Pastos Grandes Volcanic Caldera (Bolivia). <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 380.	2.0	19
29	Very Low Phytoplankton Diversity in a Tropical Saline-Alkaline Lake, with Co-dominance of <i>Arthrospira fusiformis</i> (Cyanobacteria) and <i>Picocystis salinarum</i> (Chlorophyta). <i>Microbial Ecology</i> , 2019, 78, 603-617.	2.8	19
30	Spatiotemporal variations in microbial diversity across the three domains of life in a tropical thalassohaline lake (Dziani Dzaha, Mayotte Island). <i>Molecular Ecology</i> , 2018, 27, 4775-4786.	3.9	27
31	Bias in carbon concentration and ¹³ C measurements of organic matter due to cleaning treatments with organic solvents. <i>Chemical Geology</i> , 2018, 493, 405-412.	3.3	6
32	Microbial life and biogeochemical cycling on land 3,220 million years ago. <i>Nature Geoscience</i> , 2018, 11, 665-671.	12.9	95
33	Key Role of Alphaproteobacteria and Cyanobacteria in the Formation of Stromatolites of Lake Dziani Dzaha (Mayotte, Western Indian Ocean). <i>Frontiers in Microbiology</i> , 2018, 9, 796.	3.5	33
34	Characterization of phototrophic microorganisms and description of new cyanobacteria isolated from the saline-alkaline crater-lake Dziani Dzaha (Mayotte, Indian Ocean). <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	39
35	Natural H ₂ in ³ Kansas: Deep or shallow origin?. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1841-1865.	2.5	37
36	The use of chromium reduction in the analysis of organic carbon and inorganic sulfur isotope compositions in Archean rocks. <i>Chemical Geology</i> , 2017, 457, 68-74.	3.3	8

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37	Coupling $\delta^{47}\text{S}$ and fluid inclusion thermometry on carbonate cements to precisely reconstruct the temperature, salinity and $\delta^{18}\text{O}$ of paleo-groundwater in sedimentary basins. <i>Chemical Geology</i> , 2017, 472, 44-57.	3.3	37
38	Solute transport in porous media during drying: The chlorine isotopes point of view. <i>Chemical Geology</i> , 2017, 466, 102-115.	3.3	6
39	Disequilibrium $\delta^{18}\text{O}$ values in microbial carbonates as a tracer of metabolic production of dissolved inorganic carbon. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 199, 112-129.	3.9	14
40	Experimental determination of stable chlorine and bromine isotope fractionation during precipitation of salt from a saturated solution. <i>Chemical Geology</i> , 2016, 433, 46-56.	3.3	44
41	Multiple sulfur isotope evidence for massive oceanic sulfate depletion in the aftermath of Snowball Earth. <i>Nature Communications</i> , 2016, 7, 12192.	12.8	15
42	Early diagenetic formation of carbonates in a clastic-dominated ramp environment impacted by synsedimentary faulting-induced fluid seepage – Evidence from the Late Jurassic Boulonnais Basin (N) <i>Tj ETQq0 0 0 rgBT /Overlock 10</i>	3.3	10
43	Interpretation of the nitrogen isotopic composition of Precambrian sedimentary rocks: Assumptions and perspectives. <i>Chemical Geology</i> , 2016, 429, 93-110.	3.3	136
44	Low temperature magnetic properties of the Late Archean Boolgeeda iron formation (Hamersley) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4</i>	1.8	5
45	Pre-concentration of chloride in dilute water-samples for precise $\delta^{37}\text{Cl}$ determination using a strong ion-exchange resin: Application to rainwaters. <i>Chemical Geology</i> , 2015, 413, 86-93.	3.3	5
46	Ubiquitous occurrence of basaltic-derived paleosols in the Late Archean Fortescue Group, Western Australia. <i>Precambrian Research</i> , 2015, 267, 1-27.	2.7	16
47	The continuous re-equilibration of carbon isotope compositions of hydrous Mg carbonates in the presence of cyanobacteria. <i>Chemical Geology</i> , 2015, 404, 41-51.	3.3	27
48	Paleoenvironmental reconstruction of the Ediacaran Araras platform (Western Brazil) from the sedimentary and trace metals record. <i>Precambrian Research</i> , 2014, 241, 185-202.	2.7	20
49	Ocean redox structure across the Late Neoproterozoic Oxygenation Event: A nitrogen isotope perspective. <i>Earth and Planetary Science Letters</i> , 2014, 396, 1-13.	4.4	119
50	Organic matter removal for the analysis of carbon and oxygen isotope compositions of siderite. <i>Chemical Geology</i> , 2014, 372, 54-61.	3.3	31
51	The Syabruâ€Bensi hydrothermal system in central Nepal: 1. Characterization of carbon dioxide and radon fluxes. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 4017-4055.	3.4	45
52	Nitrogen cycle in the Late Archean ferruginous ocean. <i>Chemical Geology</i> , 2013, 362, 115-130.	3.3	56
53	Carbon isotope fractionation during calcium carbonate precipitation induced by ureaseâ€catalysed hydrolysis of urea. <i>Chemical Geology</i> , 2012, 330-331, 39-50.	3.3	13
54	Deciphering the impact of diagenesis overprint on negative $\delta^{13}\text{C}$ excursions using rock magnetism: Case study of Ediacaran carbonates, Yangjiaping section, South China. <i>Earth and Planetary Science Letters</i> , 2012, 351-352, 281-294.	4.4	15

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55	Early diagenetic carbonate bed formation at the sediment-water interface triggered by synsedimentary faults. <i>Chemical Geology</i> , 2012, 300-301, 1-13.	3.3	14
56	Carbon isotope fractionation during calcium carbonate precipitation induced by ureolytic bacteria. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 98, 107-124.	3.9	37
57	Water circulation control on carbonate- $\delta^{18}\text{O}$ records in a low permeability clay formation and surrounding limestones: The Upper Dogger-Oxfordian sequence from the eastern Paris basin, France. <i>Applied Geochemistry</i> , 2011, 26, 818-827.	3.0	12
58	Extreme $\delta^{15}\text{N}$ enrichments in 2.72 Ga-old sediments: evidence for a turning point in the nitrogen cycle. <i>Geobiology</i> , 2011, 9, 107-120.	2.4	121
59	A carbon isotope challenge to the snowball Earth. <i>Nature</i> , 2011, 478, 93-96.	27.8	74
60	Noble gas and carbon isotopic signatures of Cape Verde oceanic carbonatites: Implications for carbon provenance. <i>Earth and Planetary Science Letters</i> , 2010, 291, 70-83.	4.4	41
61	CO ₂ ionic trapping at meta-sedimentary aquifer, following a CO ₂ injection push-pull test. <i>Energy Procedia</i> , 2009, 1, 2357-2360.	1.8	2
62	Biological activity and the Earth's surface evolution: Insights from carbon, sulfur, nitrogen and iron stable isotopes in the rock record. <i>Comptes Rendus - Palevol</i> , 2009, 8, 665-678.	0.2	95
63	Methanotrophs regulated atmospheric sulfur isotope anomalies during the Mesoarchean (Tumbiana) Tj ETQq1 1 0.784314 rgBT /Ove	4.4	82
64	A multilayered water column in the Ediacaran Yangtze platform? Insights from carbonate and organic matter paired $\delta^{13}\text{C}$. <i>Earth and Planetary Science Letters</i> , 2009, 288, 213-227.	4.4	109
65	Water-rock interactions during a CO ₂ injection field-test: Implications on host rock dissolution and alteration effects. <i>Chemical Geology</i> , 2009, 265, 227-235.	3.3	111
66	Kinetic nitrogen isotope fractionation associated with thermal decomposition of NH ₃ : Experimental results and potential applications to trace the origin of N ₂ in natural gas and hydrothermal systems. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6282-6297.	3.9	61
67	Hydrological budget, carbon sources and biogeochemical processes in Lac Pavin (France): Constraints from $\delta^{18}\text{O}$ of water and $\delta^{13}\text{C}$ of dissolved inorganic carbon. <i>Applied Geochemistry</i> , 2008, 23, 2800-2816.	3.0	57
68	Microbial perchlorate reduction: A precise laboratory determination of the chlorine isotope fractionation and its possible biochemical basis. <i>Earth and Planetary Science Letters</i> , 2008, 269, 605-613.	4.4	24
69	Organic nitrogen chemistry during low-grade metamorphism. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 1199-1221.	3.9	130
70	Late Neoproterozoic carbonate productivity in a rifting context: the Adoudou Formation and its associated bimodal volcanism onlapping the western Saghro inlier, Morocco. <i>Geological Society Special Publication</i> , 2008, 297, 285-302.	1.3	18
71	Identification of a Sturtian cap carbonate in the Neoproterozoic Sete Lagoas carbonate platform, Bambuí-Group, Brazil. <i>Comptes Rendus - Geoscience</i> , 2007, 339, 240-258.	1.2	67
72	The Ediacaran sedimentary architecture and carbonate productivity in the Atar cliffs, Adrar, Mauritania: Palaeoenvironments, chemostratigraphy and diagenesis. <i>Precambrian Research</i> , 2007, 153, 236-261.	2.7	23

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73	Nitrogen isotopic evolution of carbonaceous matter during metamorphism: Methodology and preliminary results. <i>Chemical Geology</i> , 2006, 232, 152-169.	3.3	57
74	Improved method for isotopic and quantitative analysis of dissolved inorganic carbon in natural water samples. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2243-2251.	1.5	109
75	Quantification and isotopic analysis of nitrogen in rocks at the ppm level using sealed tube combustion technique: A prelude to the study of altered oceanic crust. <i>Chemical Geology</i> , 2005, 223, 249-258.	3.3	45
76	The magnetization of clay-rich rocks in sedimentary basins: low-temperature experimental formation of magnetic carriers in natural samples. <i>Earth and Planetary Science Letters</i> , 2005, 230, 193-210.	4.4	41
77	A cross-calibration of chlorine isotopic measurements and suitability of seawater as the international reference material. <i>Chemical Geology</i> , 2004, 207, 1-12.	3.3	123
78	Combined paleomagnetic and isotopic data from the Doushantuo carbonates, South China: implications for the "snowball Earth" hypothesis. <i>Earth and Planetary Science Letters</i> , 2004, 224, 387-398.	4.4	95
79	Massive recycling of nitrogen and other fluid-mobile elements (K, Rb, Cs, H) in a cold slab environment: evidence from HP to UHP oceanic metasediments of the Schistes Lustrés nappe (western Tj ETQq 1.1 0.784314 BorgBT C	4.4	30
80	A comment on "The nitrogen record of crust-mantle interaction and mantle convection from Archean to Present" by B. Marty and N. Dauphas [<i>Earth Planet. Sci. Lett.</i> 206(2003) 397-410]. <i>Earth and Planetary Science Letters</i> , 2003, 216, 425-432.	4.4	30
81	Microbial Isotopic Fractionation of Perchlorate Chlorine. <i>Applied and Environmental Microbiology</i> , 2003, 69, 4997-5000.	3.1	49
82	Methods for the Stable Isotopic Analysis of Chlorine in Chlorate and Perchlorate Compounds. <i>Analytical Chemistry</i> , 2001, 73, 4946-4950.	6.5	58
83	The origin and formation of metamorphic microdiamonds from the Kokchetav massif, Kazakhstan: a nitrogen and carbon isotopic study. <i>Chemical Geology</i> , 2001, 176, 265-281.	3.3	85
84	Diamond growth during ultrahigh-pressure metamorphism of the Kokchetav Massif, northern Kazakhstan. <i>Island Arc</i> , 2000, 9, 428-438.	1.1	50
85	Effects of diagenesis on magnetic mineralogy in a Jurassic claystone-limestone succession from the Paris Basin. <i>Journal of Geophysical Research</i> , 2000, 105, 2797-2804.	3.3	8
86	Isotope study on organic nitrogen of Westphalian anthracites from the Western Middle field of Pennsylvania (U.S.A.) and from the Bramsche Massif (Germany). <i>Organic Geochemistry</i> , 1998, 29, 315-323.	1.8	82
87	Extension tardi-orogénique et formation des bassins intracontinentaux: le bassin stéphanien des Cévennes. <i>Geodynamica Acta</i> , 1997, 10, 70-80.	2.2	7
88	Delineation of hybrid and carbonate reservoirs through genetic stratigraphy in the Lower Mesozoic of southeastern France: procedures and benefits. <i>Marine and Petroleum Geology</i> , 1996, 13, 653-669.	3.3	10
89	The gravitas of gravitational isotope fractionation revealed in an isolated aquifer. <i>Geochemical Perspectives Letters</i> , 0, , 53-58.	5.0	10
90	Editorial: Refining the Interpretation of Nitrogen Isotopes in Deep Time Systems. <i>Frontiers in Earth Science</i> , 0, 10, .	1.8	1