

Cathelineau Michel

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Cation site occupancy in chlorites and illites as a function of temperature. <i>Clay Minerals</i> , 1988, 23, 471-485.	0.6	729
2	A chlorite solid solution geothermometer the Los Azufres (Mexico) geothermal system. <i>Contributions To Mineralogy and Petrology</i> , 1985, 91, 235-244.	3.1	560
3	LA-ICP-MS analyses of minor and trace elements and bulk Ge isotopes in zoned Ge-rich sphalerites from the Noailhac " Saint-Salvy deposit (France): Insights into incorporation mechanisms and ore deposition processes. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 126, 518-540.	3.9	222
4	Mixing of Sodic and Calcic Brines and Uranium Deposition at McArthur River, Saskatchewan, Canada: A Raman and Laser-Induced Breakdown Spectroscopic Study of Fluid Inclusions. <i>Economic Geology</i> , 2005, 100, 1529-1545.	3.8	149
5	The Hydrothermal Alkali Metasomatism Effects on Granitic Rocks: Quartz Dissolution and Related Subsolvus Changes. <i>Journal of Petrology</i> , 1986, 27, 945-965.	2.8	126
6	Giant uranium deposits formed from exceptionally uranium-rich acidic brines. <i>Nature Geoscience</i> , 2012, 5, 142-146.	12.9	107
7	Low-temperature chlorite geothermometry: a graphical representation based on a $T^{\circ}R_2 + Si$ diagram. <i>European Journal of Mineralogy</i> , 2015, 27, 617-626.	1.3	105
8	Identification of fluid inclusions in relation to their host microstructural domains in quartz by cathodoluminescence. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 175-185.	3.9	104
9	An evaporated seawater origin for the ore-forming brines in unconformity-related uranium deposits (Athabasca Basin, Canada): Cl/Br and $\delta^{37}Cl$ analysis of fluid inclusions. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 2792-2810.	3.9	104
10	Mixing of metamorphic and surficial fluids during the uplift of the Hercynian upper crust: consequences for gold deposition. <i>Chemical Geology</i> , 2003, 194, 119-141.	3.3	95
11	Improvements in clathrate modelling: I. The H ₂ O-CO ₂ system with various salts. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 1657-1681.	3.9	90
12	Experimental synthesis of chlorite from smectite at 300°C in the presence of metallic Fe. <i>Clay Minerals</i> , 2003, 38, 281-302.	0.6	78
13	Paleo-fluid composition determined from individual fluid inclusions by Raman and LIBS: Application to mid-proterozoic evaporitic Na-Ca brines (Alligator Rivers Uranium Field, northern territories) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>		
14	Migration of brines in the basement rocks of the Athabasca Basin through microfracture networks (P-Patch U deposit, Canada). <i>Lithos</i> , 2010, 115, 121-136.	1.4	66
15	A reinvestigation of smectite illitization in experimental hydrothermal conditions: Results from X-ray diffraction and transmission electron microscopy. <i>American Mineralogist</i> , 2011, 96, 207-223.	1.9	66
16	Effects of Temperature, pH, and Iron/Clay and Liquid/Clay Ratios on Experimental Conversion of Dioctahedral Smectite to Berthierine, Chlorite, Vermiculite, or Saponite. <i>Clays and Clay Minerals</i> , 2010, 58, 280-291.	1.3	65
17	A detailed fluid inclusion study in silicified breccias from the Kombolgie sandstones (Northern) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> deposits. <i>Journal of Geochemical Exploration</i> , 2003, 80, 259-275.	3.2	64
18	Metallogenesis of the French part of the Variscan orogen. Part II: Time-space relationships between U, Au and Sn-W ore deposition and geodynamic events " mineralogical and U-Pb data. <i>Tectonophysics</i> , 1990, 177, 59-79.	2.2	63

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19	Evidence for Li-rich brines and early magmatic fluid-rock interaction in the Larderello geothermal system. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 1083-1099.	3.9	62
20	Metal-rich fluid inclusions provide new insights into unconformity-related U deposits (Athabasca). <i>Journal of Metamorphic Geology</i> , 2000, 18, 107-120.	4.1	62
21	Fluid flows and metal deposition near basement-cover unconformity: lessons and analogies from Pb-Zn-Ba systems for the understanding of Proterozoic U deposits. <i>Geofluids</i> , 2010, 10, 270-292.	0.7	61
22	A major Late Jurassic fluid event at the basin/basement unconformity in western France: ⁴⁰ Ar/ ³⁹ Ar and ⁴⁰ Ar dating, fluid chemistry, and related geodynamic context. <i>Chemical Geology</i> , 2012, 322-323, 99-120.	3.3	60
23	P-T-X conditions of late Hercynian fluid penetration and the origin of granite-hosted gold quartz veins in northwestern Iberia: A multidisciplinary study of fluid inclusions and their chemistry. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 43-57.	3.9	59
24	Boron- and magnesium-rich marine brines at the origin of giant unconformity-related uranium deposits: ¹¹ B evidence from Mg-tourmalines. <i>Geology</i> , 2012, 40, 231-234.	4.4	57
25	Temperature-composition relationships of authigenic micaceous minerals in the Los Azufres geothermal system. <i>Contributions To Mineralogy and Petrology</i> , 1988, 100, 418-428.	3.1	56
26	Penetration of surface-evaporated brines into the Proterozoic basement and deposition of Co and Ag at Bou Azzer (Morocco): Evidence from fluid inclusions. <i>Journal of African Earth Sciences</i> , 2005, 41, 25-39.	2.0	55
27	Palaeofluid chemistry of a single fluid event: a bulk and in-situ multi-technique analysis (LIBS, Raman). <i>Journal of Metamorphic Geology</i> , 2011, 29, 107-120.	3.3	53
28	Fluid immiscibility and gold deposition in the Birimian quartz veins of the Angovia deposit (Yaouré, Mali). <i>Journal of Metamorphic Geology</i> , 2000, 18, 107-120.	2.9	52
29	Fluid transfers at a basement-cover interface. <i>Chemical Geology</i> , 2002, 192, 121-140.	3.3	51
30	Mineralogy and distribution of hydrothermal mineral zones in Los Azufres (Mexico) geothermal field. <i>Geothermics</i> , 1985, 14, 49-57.	3.4	50
31	The relative distribution of critical (Sc, REE) and transition metals (Ni, Co, Cr, Mn, V) in some Ni-laterite deposits of New Caledonia. <i>Journal of Geochemical Exploration</i> , 2019, 197, 93-113.	3.2	50
32	Experimental transformation of Na,Ca-smectite under basic conditions at 150 °C. <i>Applied Clay Science</i> , 2004, 26, 259-273.	5.2	48
33	Conditions of gold-bearing arsenopyrite crystallization in the Villeranges Basin, Marche-Combrailles shear zone, France; a mineralogical and fluid inclusion study. <i>Economic Geology</i> , 1989, 84, 1340-1362.	3.8	46
34	Microfracturing and fluid mixing in granites: W-Sn ore deposition at Vaulry (NW French Massif Central). <i>Journal of Metamorphic Geology</i> , 2000, 18, 107-120.	2.2	46
35	Reconstruction of low temperature (<100 °C) burial in sedimentary basins: A comparison of geothermometer in the intracontinental Paris Basin. <i>Marine and Petroleum Geology</i> , 2014, 53, 71-87.	3.3	46
36	Pressure fluctuation during uplift of the Northern Apennines (Italy): a fluid inclusions study. <i>Tectonophysics</i> , 2001, 341, 121-139.	2.2	45

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37	Remobilisation of base metals and gold by Variscan metamorphic fluids in the south Iberian pyrite belt: evidence from the Tharsis VMS deposit. <i>Chemical Geology</i> , 2003, 194, 143-165.	3.3	45
38	Magmatic and hydrothermal behavior of uranium in syntectonic leucogranites: The uranium mineralization associated with the Hercynian Grand granite (Armorican Massif, France). <i>Ore Geology Reviews</i> , 2017, 80, 309-331.	2.7	45
39	Temperature of paleo- to modern self-sealing within a continental rift basin: The fluid inclusion data (Soultz-sous-Forets, Rhine graben, France). <i>European Journal of Mineralogy</i> , 1996, 8, 1065-1080.	1.3	45
40	Fluid-rock interactions and the role of late Hercynian aplite intrusion in the genesis of the Castromil gold deposit, northern Portugal. <i>Chemical Geology</i> , 2003, 194, 201-224.	3.3	44
41	U redox fronts and kaolinisation in basement-hosted unconformity-related U ores of the Athabasca Basin (Canada): late U remobilisation by meteoric fluids. <i>Mineralium Deposita</i> , 2011, 46, 105-135.	4.1	44
42	From evaporated seawater to uranium-mineralizing brines: Isotopic and trace element study of quartz-dolomite veins in the Athabasca system. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 113, 38-59.	3.9	44
43	Fluid percolations in a fault zone: a study of fluid inclusion planes in the St Sylvestre granite, northwest Massif Central, France. <i>Tectonophysics</i> , 1990, 184, 173-187.	2.2	42
44	Structure-Composition Relationships in Trioctahedral Chlorites: A Vibrational Spectroscopy Study. <i>Clays and Clay Minerals</i> , 1991, 39, 531-539.	1.3	42
45	A Multi-Technique Characterization of Cronstedtite Synthesized By Iron-Clay Interaction in a Step-by-Step Cooling Procedure. <i>Clays and Clay Minerals</i> , 2013, 61, 277-289.	1.3	42
46	Petrology and geochemistry of scandium in New Caledonian Ni-Co laterites. <i>Journal of Geochemical Exploration</i> , 2019, 196, 131-155.	3.2	42
47	Syn-tectonic, meteoric water-derived carbonation of the New Caledonia peridotite nappe. <i>Geology</i> , 2013, 41, 1063-1066.	4.4	41
48	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.	3.0	39
49	Boiling and fluid mixing in the chlorite zone of the Larderello geothermal system. <i>Chemical Geology</i> , 1999, 154, 237-256.	3.3	38
50	Geometry and P-T-X conditions of microfissural ore fluid migration: the Mokrsko gold deposit (Bohemia). <i>Chemical Geology</i> , 2001, 173, 207-225.	3.3	38
51	Effects of ethylene glycol saturation protocols on XRD patterns: a critical review and discussion. <i>Clays and Clay Minerals</i> , 2005, 53, 631-638.	1.3	38
52	Dissolution-precipitation processes governing the carbonation and silicification of the serpentinite sole of the New Caledonia ophiolite. <i>Contributions To Mineralogy and Petrology</i> , 2014, 167, 1.	3.1	38
53	Formation of U-rich mineralizing fluids through basinal brine migration within basement-hosted shear zones: A large-scale study of the fluid chemistry around the unconformity-related Cigar Lake U deposit (Saskatchewan, Canada). <i>Chemical Geology</i> , 2019, 508, 116-143.	3.3	37
54	Fluids in Hercynian Au veins from the French Variscan belt. <i>Mineralogical Magazine</i> , 1990, 54, 231-243.	1.4	36

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55	A three stage fluid flow model for Variscan gold metallogensis in northern Portugal. <i>Journal of Geochemical Exploration</i> , 2000, 71, 209-224.	3.2	36
56	Dating multistage paleofluid percolations: A K-Ar and $^{18}\text{O}/^{16}\text{O}$ study of fracture illites from altered Hercynian plutonites at the basement/cover interface (Poitou High, France). <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2529-2542.	3.9	36
57	Basinal Brines at the Origin of the Imiter Ag-Hg Deposit (Anti-Atlas, Morocco): Evidence from LA-ICP-MS Data on Fluid Inclusions, Halogen Signatures, and Stable Isotopes (H, C, O). <i>Economic Geology</i> , 2016, 111, 1753-1781.	3.8	36
58	Nickel dispersion and enrichment at the bottom of the regolith: formation of pimelite target-like ores in rock block joints (Koniambo Ni deposit, New Caledonia). <i>Mineralium Deposita</i> , 2016, 51, 271-282.	4.1	36
59	Characteristics of post-depositional fluids in the Witwatersrand Basin. <i>Mineralogy and Petrology</i> , 1999, 66, 83-109.	1.1	35
60	Fluid inclusion evidence of the differential migration of H_2 and O_2 in the McArthur River unconformity-type uranium deposit (Saskatchewan, Canada). Possible role on post-ore modifications of the host rocks. <i>Journal of Geochemical Exploration</i> , 2003, 78-79, 525-530.	3.2	35
61	Detailed determination of palaeofluid chemistry: an integrated study of sulphate-volatile rich brines and aquo-carbonic fluids in quartz veins from Ouro Fino (Brazil). <i>Chemical Geology</i> , 1999, 154, 179-192.	3.3	34
62	Noble gases (Ar, Kr, Xe) and halogens (Cl, Br, I) in fluid inclusions from the Athabasca Basin (Canada): Implications for unconformity-related U deposits. <i>Precambrian Research</i> , 2014, 247, 110-125.	2.7	34
63	Shale microstructure evolution due to tunnel excavation after 100 years and impact of tectonic paleo-fracturing. Case of Tournemire, France. <i>Engineering Geology</i> , 2003, 70, 55-69.	6.3	33
64	Bentonite-iron interactions under alkaline condition: An experimental approach. <i>Applied Clay Science</i> , 2006, 32, 1-13.	5.2	33
65	Chronology of fracture sealing under a meteoric fluid environment: Microtectonic and isotopic evidence of major Cainozoic events in the eastern Paris Basin (France). <i>Tectonophysics</i> , 2010, 490, 214-228.	2.2	33
66	Paired stable isotopes (O, C) and clumped isotope thermometry of magnesite and silica veins in the New Caledonia Peridotite Nappe. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 183, 234-249.	3.9	33
67	Geochemistry of palaeofluids circulation in the Franceville basin and around Oklo natural nuclear reaction zones (Gabon). <i>Journal of Geochemical Exploration</i> , 2000, 69-70, 245-249.	3.2	32
68	Brine-rock interaction in the Athabasca basement (McArthur River U deposit, Canada): consequences for fluid chemistry and uranium uptake. <i>Terra Nova</i> , 2010, 22, no-no.	2.1	32
69	Revealing the conditions of Ni mineralization in the laterite profiles of New Caledonia: Insights from reactive geochemical transport modelling. <i>Chemical Geology</i> , 2017, 466, 274-284.	3.3	32
70	The granite hosted gold deposit of Moulin de Chi $\frac{1}{2}$ ni (Saint-Yrieix district, Massif Central, France): petrographic, structural, fluid inclusion and oxygen isotope constraints. <i>Mineralium Deposita</i> , 2004, 39, 265-281.	4.1	31
71	Impact of basin burial and exhumation on Jurassic carbonates diagenesis on both sides of a thick clay barrier (Paris Basin, NE France). <i>Marine and Petroleum Geology</i> , 2014, 53, 44-70.	3.3	31
72	Post-crystallization alteration of natural uraninites: Implications for dating, tracing, and nuclear forensics. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 249, 138-159.	3.9	31

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73	Multistage deformation of Au-quartz veins (Laurieras, French Massif Central): evidence for late gold introduction from microstructural, isotopic and fluid inclusion studies. <i>Tectonophysics</i> , 2001, 336, 79-99.	2.2	29
74	Multistage crack seal vein and hydrothermal Ni enrichment in serpentinized ultramafic rocks (Koniambo massif, New Caledonia). <i>Mineralium Deposita</i> , 2017, 52, 945-960.	4.1	28
75	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.	4.1	28
76	Early fluid migration in a deep part of the Larderello geothermal field: a fluid inclusion study of the granite sill from well Monteverdi 7. <i>Journal of Volcanology and Geothermal Research</i> , 1992, 51, 115-131.	2.1	27
77	The internal deformation of the Peridotite Nappe of New Caledonia: A structural study of serpentine-bearing faults and shear zones in the Koniambo Massif. <i>Journal of Structural Geology</i> , 2016, 85, 51-67.	2.3	27
78	The Role of Organic Matter on Uranium Precipitation in Zoovch Ovoo, Mongolia. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 107-122.	2.0	27
79	Fluid inclusions in granites and their relationships with present-day groundwater chemistry. <i>European Journal of Mineralogy</i> , 1998, 10, 1215-1226.	1.3	27
80	Uranium mineralization in the Alum Shale Formation (Sweden): Evolution of a U-rich marine black shale from sedimentation to metamorphism. <i>Ore Geology Reviews</i> , 2017, 88, 71-98.	2.7	26
81	Fluid pressure variations in relation to multistage deformation and uplift: a fluid inclusion study of Au quartz veins. <i>European Journal of Mineralogy</i> , 1993, 5, 107-122.	1.3	26
82	Paleostress magnitudes determination by using fault slip and fluid inclusions planes data. <i>Journal of Geophysical Research</i> , 1995, 100, 3895-3904.	3.3	24
83	Age and Origin of Albian Glauconites and Associated Clay Minerals Inferred from a Detailed Geochemical Analysis. <i>Journal of Sedimentary Research</i> , 2004, 74, 631-642.	1.6	24
84	Synchrotron XRF and XANES investigation of uranium speciation and element distribution in fluid inclusions from unconformity-related uranium deposits. <i>Geofluids</i> , 2013, 13, 101-111.	0.7	24
85	Raman spectra of Ni-Mg kerolite: effect of Ni-Mg substitution on O-H stretching vibrations. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 933-940.	2.5	24
86	3D modeling of the laterites on top of the Koniambo Massif, New Caledonia: refinement of the per descensum lateritic model for nickel mineralization. <i>Mineralium Deposita</i> , 2017, 52, 961-978.	4.1	24
87	Rutile from Panasqueira (Central Portugal): An Excellent Pathfinder for Wolframite Deposition. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 9.	2.0	24
88	Characterization of Weda Bay nickel laterite ore from Indonesia. <i>Journal of Geochemical Exploration</i> , 2019, 196, 270-281.	3.2	24
89	Experimental illitization of smectite in a K-rich solution. <i>European Journal of Mineralogy</i> , 2001, 13, 829-840.	1.3	23
90	Downward penetration and mixing of sedimentary brines and dilute hot waters at 5 km depth in the granite basement at Soultz-sous-Forêts (Rhine graben, France). <i>Comptes Rendus - Geoscience</i> , 2010, 342, 560-565.	1.2	23

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91	Hydrothermal reactivity of K-smectite at 300°C and 100 bar: dissolution-crystallization process and non-expandable dehydrated smectite formation. <i>Clay Minerals</i> , 1999, 34, 275-290.	0.6	22
92	Fluid transfers at the basement/cover interface. <i>Chemical Geology</i> , 2002, 192, 99-119.	3.3	21
93	Oxidation of mudstone in a tunnel (Tournemire, France): consequences for the mineralogy and crystal chemistry of clay minerals. <i>Clay Minerals</i> , 2004, 39, 135-149.	0.6	21
94	Reconstructing fluid-flow events in Lower-Triassic sandstones of the eastern Paris Basin by elemental tracing and isotopic dating of nanometric illite crystals. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 176, 157-184.	3.9	21
95	Alpine metamorphism and veining in the Zentralgneis Complex of the SW Tauern Window: a model of fluid-rock interactions based on fluid inclusions. <i>Tectonophysics</i> , 2001, 336, 121-136.	2.2	20
96	Active contact metamorphism and CO ₂ -CH ₄ fluid production in the Larderello geothermal field (Italy) at depths between 2.3 and 4 km. <i>Chemical Geology</i> , 2007, 237, 303-328.	3.3	20
97	Platinum and palladium mobility in supergene environment: The residual origin of the Pirogues River mineralization, New Caledonia. <i>Journal of Geochemical Exploration</i> , 2006, 88, 350-354.	3.2	19
98	The emplacement of the Peridotite Nappe of New Caledonia and its bearing on the tectonics of obduction. <i>Tectonics</i> , 2016, 35, 3070-3094.	2.8	19
99	Mineralogical Evolution of a Claystone After Reaction With Iron Under Thermal Gradient. <i>Clays and Clay Minerals</i> , 2012, 60, 443-455.	1.3	18
100	Uraniferous bitumen nodules in the Talvivaara Ni-Zn-Cu-Co deposit (Finland): influence of metamorphism on uranium mineralization in black shales. <i>Mineralium Deposita</i> , 2014, 49, 513-533.	4.1	18
101	Hot Fluid Flows Around A Major Fault Identified By Paleothermometric Studies (Tim Merso Basin,) <i>Tectonophysics</i> , 2017, 684, 1-18.	1.6	18
102	C-O-H-N fluids circulations and graphite precipitation in reactivated Hudsonian shear zones during basement uplift of the Wollaston-Mudjatik Transition Zone: Example of the Cigar Lake U deposit. <i>Lithos</i> , 2017, 294-295, 222-245.	1.4	18
103	Mineralogy and ore fluid chemistry of the Roc Blanc Ag deposit, Jebilet Hercynian massif, Morocco. <i>Journal of African Earth Sciences</i> , 2017, 127, 175-193.	2.0	18
104	Multistage evolution of the Pierres-Plantées uranium ore deposit (Margeride, France): evidence from mineralogy and U-Pb systematics. <i>European Journal of Mineralogy</i> , 1991, 3, 85-104.	1.3	18
105	Serpentinization of New Caledonia peridotites: from depth to (sub-)surface. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	3.1	17
106	Fluid migration during contact metamorphism: the use of oriented fluid inclusion trails for a time/space reconstruction. <i>Mineralogical Magazine</i> , 1990, 54, 169-182.	1.4	16
107	Chemical and physical transfers in an ultramafic rock weathering profile: Part 2. Dissolution vs. accumulation of platinum group minerals. <i>American Mineralogist</i> , 2008, 93, 31-38.	1.9	16
108	In-situ Isotopic and Chemical Study of Pyrite from Chu-Sarysu (Kazakhstan) Roll-front Uranium Deposit. <i>Procedia Earth and Planetary Science</i> , 2015, 13, 207-210.	0.6	16

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109	Weathering processes and crystal chemistry of Ni-bearing minerals in saprock horizons of New Caledonia ophiolite. <i>Journal of Geochemical Exploration</i> , 2019, 198, 82-99.	3.2	16
110	The Panasqueira Rare Metal Granite Suites and Their Involvement in the Genesis of the World-Class Panasqueira Wâ€“Snâ€“Cu Vein Deposit: A Petrographic, Mineralogical, and Geochemical Study. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 562.	2.0	16
111	Contribution of long-term hydrothermal experiments for understanding the smectite-to-chlorite conversion in geological environments. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	3.1	15
112	Nature and Origin of Mineralizing Fluids in Hyperextensional Systems: The Case of Cretaceous Mg Metasomatism in the Pyrenees. <i>Geofluids</i> , 2019, 2019, 1-18.	0.7	14
113	Effect of a Thermal Gradient on Iron-Clay Interactions. <i>Clays and Clay Minerals</i> , 2010, 58, 667-681.	1.3	13
114	Uranium deposits of Franceville basin (Gabon): Role of organic matter and oil cracking on uranium mineralization. <i>Ore Geology Reviews</i> , 2020, 123, 103579.	2.7	13
115	Monazite Alteration in H ₂ O ± HCl ± NaCl ± CaCl ₂ Fluids at 150 °C and psat: Implications for Uranium Deposits. <i>Minerals (Basel, Switzerland)</i> , 2015, 5, 693-706.	2.0	13
116	Les Gisements Uranifères de la Presqu'île Guerandaise (Sud Bretagne); Approche Structurale et Metallogénique. <i>Mineralium Deposita</i> , 1981, 16, 227.	4.1	12
117	Vertical and lateral changes in organic matter from the Mesozoic, eastern Paris Basin (France): Variability of sources and burial history. <i>International Journal of Coal Geology</i> , 2011, 88, 163-178.	5.0	12
118	High pressure and temperatures during the early stages of tungsten deposition at Panasqueira revealed by fluid inclusions in topaz. <i>Ore Geology Reviews</i> , 2020, 126, 103741.	2.7	12
119	Experimental alteration of Mg-vermiculite under hydrothermal conditions: formation of mixed-layered saponite-chlorite minerals. <i>Clay Minerals</i> , 2003, 38, 303-314.	0.6	11
120	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.	3.2	11
121	Metallogenesis of the French Massif Central: Time-Space Relationships Between Ore Deposition and Tectono-Magmatic Events. , 1994, , 379-402.		10
122	Oxfordian sedimentary dykes : tectonic and diagenetic implications for the eastern Paris basin. <i>Bulletin - Societe Geologique De France</i> , 2004, 175, 595-605.	2.2	9
123	From deep to shallow fluid reservoirs: evolution of fluid sources during exhumation of the Sierra Almagrera, Betic Cordillera, Spain. <i>Geofluids</i> , 2016, 16, 103-128.	0.7	9
124	Triassic evaporites: a vast reservoir of brines mobilized successively during rifting and thrusting in the Pyrenees. <i>Journal of the Geological Society</i> , 2021, 178, .	2.1	9
125	Thermobarometry of hydrothermal alteration in the Los Azufres geothermal system (Michoacan,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.3	8
126	Retrograde P-T evolution and high temperature-low pressure fluid circulation in relation to late Hercynian intrusions: a mineralogical and fluid inclusion study of the Charroux-Civray plutonic complex (north-western Massif Central, France). <i>Geofluids</i> , 2001, 1, 241-256.	0.7	8

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127	Fluid history during deep burial and exhumation of oil-bearing volcanics, Hercynian Belt of southern Brittany, France. <i>Numerische Mathematik</i> , 2007, 307, 1096-1125.	1.4	8
128	Evolution of porewater composition through time in limestone aquifers: Salinity and D/H of fluid inclusion water in authigenic minerals (Jurassic of the eastern Paris Basin, France). <i>Chemical Geology</i> , 2015, 417, 210-227.	3.3	8
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