Alexander P Gysi

List of Publications by Year
in descending order

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24 papers	1,046 citations	567144 15 h-index	610775 24 g-index
25 all docs	25 docs citations	25 times ranked	920 citing authors

#	Article	IF	Citations
1	Hydrothermal solubility of TbPO4, HoPO4, TmPO4, and LuPO4 xenotime endmembers at pH of 2 and temperatures between 100 and 250â€Â°C. Chemical Geology, 2021, 567, 120072.	1.4	9
2	Beryl as indicator of metasomatic processes in the California Blue Mine topaz-beryl pegmatite and associated miarolitic pockets. Lithos, 2021, 404-405, 106485.	0.6	4
3	Porphyry-related polymetallic Au-Ag vein deposit in the Central City district, Colorado: Mineral paragenesis and pyrite trace element chemistry. Ore Geology Reviews, 2020, 119, 103295.	1.1	14
4	Hydrothermal calcite-fluid REE partitioning experiments at 200â€Â°C and saturated water vapor pressure. Geochimica Et Cosmochimica Acta, 2020, 286, 177-197.	1.6	17
5	The solubility of monazite (LaPO4, PrPO4, NdPO4, and EuPO4) endmembers in aqueous solutions from 100 to 250â€Â°C. Geochimica Et Cosmochimica Acta, 2020, 280, 302-316.	1.6	15
6	Advances in Numerical Simulations of Hydrothermal Ore Forming Processes. Geofluids, 2020, 2020, 1-4.	0.3	2
7	Fluid Chemistry of Mid-Ocean Ridge Hydrothermal Vents: A Comparison between Numerical Modeling and Vent Geochemical Data. Geofluids, 2018, 2018, 1-20.	0.3	10
8	The solubility of monazite (CePO4), SmPO4, and GdPO4 in aqueous solutions from 100 to 250â€Â°C. Geochimica Et Cosmochimica Acta, 2018, 242, 143-164.	1.6	19
9	The role of hydrocarbons in ore formation at the Pillara Mississippi Valley-type Zn-Pb deposit, Canning Basin, Western Australia. Ore Geology Reviews, 2018, 102, 875-893.	1.1	19
10	Rare Earth Elements in Mineral Deposits: Speciation in Hydrothermal Fluids and Partitioning in Calcite. Geofluids, 2018, 2018, 1-19.	0.3	37
11	Numerical simulations of CO₂ sequestration in basaltic rock formations: challenges for optimizing mineral-fluid reactions. Pure and Applied Chemistry, 2017, 89, 581-596.	0.9	17
12	Lithogeochemical Vectors for Hydrothermal Processes in the Strange Lake Peralkaline Granitic REE-Zr-Nb Deposit. Economic Geology, 2016, 111, 1241-1276.	1.8	63
13	Comment on â€œSynthesis of ceria (CeO2 and CeO2â^'x) nanoparticles via decarbonation and Ce(III) oxidation of synthetic bastnaesite (CeCO3F)â€•by Montes-Hernandez etÂal.. Materials Chemistry and Physics, 2016, 183, 1-5.	2.0	2
14	Experimental determination of the high temperature heat capacity of a natural xenotime-(Y) solid solution and synthetic DyPO4 and ErPO4 endmembers. Thermochimica Acta, 2016, 627-629, 61-67.	1.2	14
15	The thermodynamic properties of bastnÃsite-(Ce) and parisite-(Ce). Chemical Geology, 2015, 392, 87-101.	1.4	73
16	The solubility of xenotime-(Y) and other HREE phosphates (DyPO 4 , ErPO 4 and YbPO 4) in aqueous solutions from 100 to 250 Â°C and p sat. Chemical Geology, 2015, 401, 83-95.	1.4	43
17	Rapid solubility and mineral storage of CO2 in basalt. Energy Procedia, 2014, 63, 4561-4574.	1.8	52
18	Hydrothermal mobilization of pegmatite-hosted REE and Zr at Strange Lake, Canada: A reaction path model. Geochimica Et Cosmochimica Acta, 2013, 122, 324-352.	1.6	135

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19	Experiments and geochemical modeling of CO2 sequestration during hydrothermal basalt alteration. Chemical Geology, 2012, 306-307, 10-28.	1.4	68
20	Mineralogical aspects of CO2 sequestration during hydrothermal basalt alteration â€" An experimental study at 75 to 250Â°C and elevated pCO2. Chemical Geology, 2012, 306-307, 146-159.	1.4	79
21	CO2-waterâ€"basalt interaction. Low temperature experiments and implications for CO2 sequestration into basalts. Geochimica Et Cosmochimica Acta, 2012, 81, 129-152.	1.6	118
22	CO2â€"waterâ€"basalt interaction. Numerical simulation of low temperature CO2 sequestration into basalts. Geochimica Et Cosmochimica Acta, 2011, 75, 4728-4751.	1.6	97
23	Petrogenesis of Pyroxenites and Melt Infiltrations in the Ultramafic Complex of Beni Bousera, Northern Morocco. Journal of Petrology, 2011, 52, 1679-1735.	1.1	75
24	Numerical modelling of CO₂-water-basalt interaction. Mineralogical Magazine, 2008, 72, 55-59.	0.6	64