Isabelle Techer

List of Publications by Year
in descending order

27	510	567144 15	642610 23
papers	citations	h-index	g-index

29	29	29	599
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dissolution kinetics of basaltic glasses: control by solution chemistry and protective effect of the alteration film. Chemical Geology, 2001, 176, 235-263.	1.4	92
2	Basaltic glass: alteration mechanisms and analogy with nuclear waste glasses. Journal of Nuclear Materials, 2000, 282, 40-46.	1.3	41
3	Impact of a 70 Â°C temperature on an ordinary Portland cement paste/claystone interface: An in situ experiment. Cement and Concrete Research, 2016, 83, 164-178.	4.6	41
4	Tracing interactions between natural argillites and hyper-alkaline fluids from engineered cement paste and concrete: Chemical and isotopic monitoring of a 15-years old deep-disposal analogue. Applied Geochemistry, 2012, 27, 1384-1402.	1.4	35
5	Cementation of kerogen-rich marls by alkaline fluids released during weathering of thermally metamorphosed marly sediments. Part I: Isotopic (C,O) study of the Khushaym Matruk natural analogue (central Jordan). Applied Geochemistry, 2007, 22, 1293-1310.	1.4	33
6	Cementation of kerogen-rich marls by alkaline fluids released during weathering of thermally metamorphosed marly sediments. Part II: Organic matter evolution, magnetic susceptibility and metals (Ti, Cr, Fe) at the Khushaym Matruk natural analogue (Central Jordan). Applied Geochemistry, 2007, 22, 1311-1328.	1.4	28
7	Methodological development for 87Sr/86Sr measurement in olive oil and preliminary discussion of its use for geographical traceability of PDO NÃ®mes (France). Food Chemistry, 2015, 171, 78-83.	4.2	27
8	About Sr isotopes in coffee â€˜Bourbon Pointuâ€™ of the RÃ©union Island. Food Chemistry, 2011, 126, 718-724.	4.2	24
9	In situ investigations and reactive transport modelling of cement paste/argillite interactions in a saturated context and outside an excavated disturbed zone. Applied Geochemistry, 2013, 31, 94-108.	1.4	24
10	Alteration of a basaltic glass in an argillaceous medium:. Geochimica Et Cosmochimica Acta, 2001, 65, 1071-1086.	1.6	23
11	Reconstructing fluid-flow events in Lower-Triassic sandstones of the eastern Paris Basin by elemental tracing and isotopic dating of nanometric illite crystals. Geochimica Et Cosmochimica Acta, 2016, 176, 157-184.	1.6	21
12	Geochemical signature of paleofluids in microstructures from Main Fault in the Opalinus Clay of the Mont Terri rock laboratory, Switzerland. Swiss Journal of Geosciences, 2017, 110, 105-128.	0.5	19
13	Impact of agricultural practice on the Sr isotopic composition of food products: Application to discriminate the geographic origin of olives and olive oil. Applied Geochemistry, 2017, 82, 1-14.	1.4	19
14	Methods for PDO olive oils traceability: state of art and discussion about the possible contribution of strontium isotopic tool. European Food Research and Technology, 2014, 239, 745-754.	1.6	18
15	Mineralogical and microstructural evolution of Portland cement paste/argillite interfaces at 70â€Â°C â€“ Considerations for diffusion and porosity properties. Cement and Concrete Research, 2019, 115, 414-425.	4.6	17
16	Ageing effect on the mineral and chemical composition of Opalinus Clays (Mont Terri, Switzerland) after excavation and surface storage. Applied Geochemistry, 2009, 24, 2000-2014.	1.4	12
17	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). Chemical Geology, 2015, 417, 210-227.	1.4	8
18	Chemical and isotopic characterization of waterâ€“rock interactions in shales induced by the intrusion of a basaltic dike: A natural analogue for radioactive waste disposal. Applied Geochemistry, 2006, 21, 203-222.	1.4	6

#	Article	IF	Citations
19	Origin of calcareous dust in Argentinean Pleistocene periglacial deposits traced by Sr, C and O isotopic compositions, and REE distribution. Chemical Geology, 2014, 380, 119-132.	1.4	4
20	Geochemical Tracing of Potential Hydraulic Connections between Groundwater and Run-Off Water in Northeastern Kansas, USA. Hydrology, 2017, 4, 56.	1.3	4
21	Detecting the thermal aureole of a magmatic intrusion in immature to mature sediments: a case study in the East Greenland Basin (73Â°N). Geophysical Journal International, 2014, 196, 160-174.	1.0	3
22	The glaciogenic origin of the Pleistocene calcareous dust in Argentina on the basis of field, mineralogical, textural, and geochemical analyses. Quaternary Research, 2019, 91, 218-233.	1.0	3
23	Chloride accumulation in aboveground biomass of three macrophytes (Phragmites australis, Juncus) Tj ETQq1 1 0.784314 rgBT /Overlo for Clâ^' removal and phytodesalinization. Environmental Science and Pollution Research, 2022, 29, 35284-35299.	2.7	3
24	Sr isotope discrimination of multi species aquaculture productions at a worldwide scale and contribution of the water reservoir in Sr plant input. Heliyon, 2020, 6, e03075.	1.4	2
25	Origin of 87Sr enrichment in calcite cements in Jurassic limestones (Eastern Paris Basin, France). Applied Geochemistry, 2021, 136, 105131.	1.4	1
26	Geochemical signature of paleofluids in microstructures from Main Fault in the Opalinus Clay of the Mont Terri rock laboratory, Switzerland. Swiss Journal of Geosciences Supplement, 2018, , 107-130.	0.0	0
27	Elemental and isotopic tracing of mineral infillings from various microstructures of a fault system into fine-grained sediments: which interacting fluids?. International Journal of Earth Sciences, 0, , 1.	0.9	0