

# Isabelle Techer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2865938/publications.pdf>

Version: 2024-02-01

27  
papers

510  
citations

567144

15  
h-index

642610

23  
g-index

29  
all docs

29  
docs citations

29  
times ranked

599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloride accumulation in aboveground biomass of three macrophytes ( <i>Phragmites australis</i> , <i>Juncus</i> ) for Cl <sup>-</sup> removal and phytodesalinization. <i>Environmental Science and Pollution Research</i> , 2022, 29, 35284-35299.	0.784314	3
2	Origin of <sup>87</sup> Sr enrichment in calcite cements in Jurassic limestones (Eastern Paris Basin, France). <i>Applied Geochemistry</i> , 2021, 136, 105131.	1.4	1
3	Sr isotope discrimination of multi species aquaculture productions at a worldwide scale and contribution of the water reservoir in Sr plant input. <i>Heliyon</i> , 2020, 6, e03075.	1.4	2
4	The glaciogenic origin of the Pleistocene calcareous dust in Argentina on the basis of field, mineralogical, textural, and geochemical analyses. <i>Quaternary Research</i> , 2019, 91, 218-233.	1.0	3
5	Mineralogical and microstructural evolution of Portland cement paste/argillite interfaces at 70°C. Considerations for diffusion and porosity properties. <i>Cement and Concrete Research</i> , 2019, 115, 414-425.	4.6	17
6	Geochemical signature of paleofluids in microstructures from Main Fault in the Opalinus Clay of the Mont Terri rock laboratory, Switzerland. <i>Swiss Journal of Geosciences Supplement</i> , 2018, , 107-130.	0.0	0
7	Geochemical signature of paleofluids in microstructures from Main Fault in the Opalinus Clay of the Mont Terri rock laboratory, Switzerland. <i>Swiss Journal of Geosciences</i> , 2017, 110, 105-128.	0.5	19
8	Impact of agricultural practice on the Sr isotopic composition of food products: Application to discriminate the geographic origin of olives and olive oil. <i>Applied Geochemistry</i> , 2017, 82, 1-14.	1.4	19
9	Geochemical Tracing of Potential Hydraulic Connections between Groundwater and Run-Off Water in Northeastern Kansas, USA. <i>Hydrology</i> , 2017, 4, 56.	1.3	4
10	Impact of a 70 °C temperature on an ordinary Portland cement paste/claystone interface: An in situ experiment. <i>Cement and Concrete Research</i> , 2016, 83, 164-178.	4.6	41
11	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.	1.6	21
12	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.	1.4	8
13	Methodological development for <sup>87</sup> Sr/ <sup>86</sup> Sr measurement in olive oil and preliminary discussion of its use for geographical traceability of PDO olives (France). <i>Food Chemistry</i> , 2015, 171, 78-83.	4.2	27
14	Detecting the thermal aureole of a magmatic intrusion in immature to mature sediments: a case study in the East Greenland Basin (73°N). <i>Geophysical Journal International</i> , 2014, 196, 160-174.	1.0	3
15	Methods for PDO olive oils traceability: state of art and discussion about the possible contribution of strontium isotopic tool. <i>European Food Research and Technology</i> , 2014, 239, 745-754.	1.6	18
16	Origin of calcareous dust in Argentinean Pleistocene periglacial deposits traced by Sr, C and O isotopic compositions, and REE distribution. <i>Chemical Geology</i> , 2014, 380, 119-132.	1.4	4
17	In situ investigations and reactive transport modelling of cement paste/argillite interactions in a saturated context and outside an excavated disturbed zone. <i>Applied Geochemistry</i> , 2013, 31, 94-108.	1.4	24
18	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. <i>Applied Geochemistry</i> , 2012, 27, 1384-1402.	1.4	35

#	ARTICLE	IF	CITATIONS
19	About Sr isotopes in coffee "Bourbon Pointu"™ of the Réunion Island. Food Chemistry, 2011, 126, 718-724. 4.2		24
20	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
21	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
22	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
23	Chemical and isotopic characterization of water-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
24	Alteration of a basaltic glass in an argillaceous medium:. Geochimica Et Cosmochimica Acta, 2001, 65, 1071-1086.	1.6	23
25	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
26	Basaltic glass: alteration mechanisms and analogy with nuclear waste glasses. Journal of Nuclear Materials, 2000, 282, 40-46.	1.3	41
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