FranÃ§ois L H Tissot

List of Publications by Year
in descending order

22	799	623734 14	677142 22
papers	citations	h-index	g-index

24	24	24	866
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Uranium isotopic compositions of the crust and ocean: Age corrections, U budget and global extent of modern anoxia. Geochimica Et Cosmochimica Acta, 2015, 167, 113-143.	3.9	178
2	Titanium isotopes and rare earth patterns in CAIs: Evidence for thermal processing and gas-dust decoupling in the protoplanetary disk. Geochimica Et Cosmochimica Acta, 2018, 221, 275-295.	3.9	88
3	Controls of eustasy and diagenesis on the 238U/235U of carbonates and evolution of the seawater (234U/238U) during the last 1.4 Myr. Geochimica Et Cosmochimica Acta, 2018, 242, 233-265.	3.9	73
4	Spinelâ€“olivineâ€“pyroxene equilibrium iron isotopic fractionation and applications to natural peridotites. Geochimica Et Cosmochimica Acta, 2015, 169, 184-199.	3.9	63
5	Origin of uranium isotope variations in early solar nebula condensates. Science Advances, 2016, 2, e1501400.	10.3	53
6	Distinct 238U/235U ratios and REE patterns in plutonic and volcanic angrites: Geochronologic implications and evidence for U isotope fractionation during magmatic processes. Geochimica Et Cosmochimica Acta, 2017, 213, 593-617.	3.9	47
7	Extreme Zr stable isotope fractionation during magmatic fractional crystallization. Science Advances, 2019, 5, eaax8648.	10.3	46
8	Drivers of zirconium isotope fractionation in Zr-bearing phases and melts: The roles of vibrational, nuclear field shift and diffusive effects. Geochimica Et Cosmochimica Acta, 2021, 292, 217-234.	3.9	38
9	Zirconium stable isotope analysis of zircon by MC-ICP-MS: methods and application to evaluating intra-crystalline zonation in a zircon megacryst. Journal of Analytical Atomic Spectrometry, 2020, 35, 1167-1186.	3.0	29
10	SciPhon: a data analysis software for nuclear resonant inelastic X-ray scattering with applications to Fe, Kr, Sn, Eu and Dy. Journal of Synchrotron Radiation, 2018, 25, 1581-1599.	2.4	29
11	Heating events in the nascent solar system recorded by rare earth element isotopic fractionation in refractory inclusions. Science Advances, 2021, 7, .	10.3	28
12	Reliability of detrital marine sediments as proxy for continental crust composition: The effects of hydrodynamic sorting on Ti and Zr isotope systematics. Geochimica Et Cosmochimica Acta, 2021, 310, 221-239.	3.9	26
13	²³⁸U/²³⁵U measurement in single-zircon crystals: implications for the Hadean environment, magmatic differentiation and geochronology. Journal of Analytical Atomic Spectrometry, 2019, 34, 2035-2052.	3.0	19
14	In situ isotopic studies of the U-depleted Allende CAI Curious Marie : Pre-accretionary alteration and the co-existence of 26 Al and 36 Cl in the early solar nebula. Geochimica Et Cosmochimica Acta, 2017, 207, 1-18.	3.9	17
15	Chromatography purification of Rb for accurate isotopic analysis by MC-ICPMS: a comparison between AMP-PAN, cation-exchange, and Sr resins. Journal of Analytical Atomic Spectrometry, 2021, 36, 2588-2602.	3.0	10
16	Unlocking the Single-Crystal Record of Heavy Stable Isotopes. Elements, 2021, 17, 389-394.	0.5	10
17	Protein Phosphatase 2A as a Therapeutic Target in Small Cell Lung Cancer. Molecular Cancer Therapeutics, 2021, 20, 1820-1835.	4.1	9
18	Evidence of presolar SiC in the Allende Curious Marie calciumâ€“aluminium-rich inclusion. Nature Astronomy, 2020, 4, 617-624.	10.1	8

#	Article	IF	Citations
19	Distribution Coefficients of the REEs, Sr, Y, Ba, Th, and U between Î±-HIBA and AG50W-X8 Resin. ACS Earth and Space Chemistry, 2021, 5, 55-65.	2.7	8
20	Routine high-precision Nd isotope analyses: an optimized chromatographic purification scheme. Journal of Analytical Atomic Spectrometry, 2021, 36, 1946-1959.	3.0	8
21	Survival of presolar p -nuclide carriers in the nebula revealed by stepwise leaching of Allende refractory inclusions. Science Advances, 2021, 7, .	10.3	8
22	New minerals in type A inclusions from Allende and clues to processes in the early solar system: Paqueite, Ca₃TiSi₂(Al,Ti,Si)₃O₁₄, and burnettite, CaVAlSiO₆. Meteoritics and Planetary Science, 2022, 57, 1300-1324.	1.6	4