

François L H Tissot

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

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623734

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#	ARTICLE	IF	CITATIONS
1	New minerals in type A inclusions from Allende and clues to processes in the early solar system: Paqueite, $\text{Ca}_3\text{TiSi}_2(\text{Al,Ti,Si})_3\text{O}_{14}$, and burnettite, $\text{Ca}_6\text{AlSi}_6\text{O}_{24}$. <i>Meteoritics and Planetary Science</i> , 2022, 57, 1300-1324.	1.6	4
2	Distribution Coefficients of the REEs, Sr, Y, Ba, Th, and U between \pm -HIBA and AG50W-X8 Resin. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 55-65.	2.7	8
3	Drivers of zirconium isotope fractionation in Zr-bearing phases and melts: The roles of vibrational, nuclear field shift and diffusive effects. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 292, 217-234.	3.9	38
4	Routine high-precision Nd isotope analyses: an optimized chromatographic purification scheme. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1946-1959.	3.0	8
5	Heating events in the nascent solar system recorded by rare earth element isotopic fractionation in refractory inclusions. <i>Science Advances</i> , 2021, 7, .	10.3	28
6	Protein Phosphatase 2A as a Therapeutic Target in Small Cell Lung Cancer. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1820-1835.	4.1	9
7	Survival of presolar p -nuclide carriers in the nebula revealed by stepwise leaching of Allende refractory inclusions. <i>Science Advances</i> , 2021, 7, .	10.3	8
8	Reliability of detrital marine sediments as proxy for continental crust composition: The effects of hydrodynamic sorting on Ti and Zr isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 310, 221-239.	3.9	26
9	Chromatography purification of Rb for accurate isotopic analysis by MC-ICPMS: a comparison between AMP-PAN, cation-exchange, and Sr resins. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2588-2602.	3.0	10
10	Unlocking the Single-Crystal Record of Heavy Stable Isotopes. <i>Elements</i> , 2021, 17, 389-394.	0.5	10
11	Zirconium stable isotope analysis of zircon by MC-ICP-MS: methods and application to evaluating intra-crystalline zonation in a zircon megacryst. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1167-1186.	3.0	29
12	Evidence of presolar SiC in the Allende Curious Marie calcium-aluminium-rich inclusion. <i>Nature Astronomy</i> , 2020, 4, 617-624.	10.1	8
13	$^{238}\text{U}/^{235}\text{U}$ measurement in single-zircon crystals: implications for the Hadean environment, magmatic differentiation and geochronology. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 2035-2052.	3.0	19
14	Extreme Zr stable isotope fractionation during magmatic fractional crystallization. <i>Science Advances</i> , 2019, 5, eaax8648.	10.3	46
15	Titanium isotopes and rare earth patterns in CAIs: Evidence for thermal processing and gas-dust decoupling in the protoplanetary disk. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 221, 275-295.	3.9	88
16	Controls of eustasy and diagenesis on the $^{238}\text{U}/^{235}\text{U}$ of carbonates and evolution of the seawater ($^{234}\text{U}/^{238}\text{U}$) during the last 1.4 Myr. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 242, 233-265.	3.9	73
17	SciPhon: a data analysis software for nuclear resonant inelastic X-ray scattering with applications to Fe, Kr, Sn, Eu and Dy. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1581-1599.	2.4	29
18	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. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 207, 1-18.	3.9	17

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19	Distinct $^{238}\text{U}/^{235}\text{U}$ ratios and REE patterns in plutonic and volcanic angrites: Geochronologic implications and evidence for U isotope fractionation during magmatic processes. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 213, 593-617.	3.9	47
20	Origin of uranium isotope variations in early solar nebula condensates. <i>Science Advances</i> , 2016, 2, e1501400.	10.3	53
21	Uranium isotopic compositions of the crust and ocean: Age corrections, U budget and global extent of modern anoxia. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 167, 113-143.	3.9	178
22	Spinel-olivine-pyroxene equilibrium iron isotopic fractionation and applications to natural peridotites. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 169, 184-199.	3.9	63