Jeroen de Jong

List of Publications by Year in descending order

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23 papers	2,299 citations	471509 17 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	2771 citing authors

#	Article	IF	Citations
1	High-precision isotopic characterization of USGS reference materials by TIMS and MC-ICP-MS. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	700
2	Hf and Lu isotopic reference values for the zircon standard 91500 by MC-ICP-MS. Chemical Geology, 2004, 206, 1-9.	3.3	255
3	Isotopic composition of silicon measured by multicollector plasma source mass spectrometry in dry plasma mode. Journal of Analytical Atomic Spectrometry, 2003, 18, 213-218.	3.0	178
4	Distribution and biogeochemical behaviour of iron in the East Antarctic sea ice. Marine Chemistry, 2007, 106, 18-32.	2.3	160
5	Iron study during a time series in the western Weddell pack ice. Marine Chemistry, 2008, 108, 85-95.	2.3	131
6	Natural iron fertilization of the Atlantic sector of the Southern Ocean by continental shelf sources of the Antarctic Peninsula. Journal of Geophysical Research, 2012, 117, .	3.3	99
7	Distribution of dissolved iron in Antarctic sea ice: Spatial, seasonal, and interâ€annual variability. Journal of Geophysical Research, 2010, 115, .	3.3	94
8	Precise measurement of Fe isotopes in marine samples by multi-collector inductively coupled plasma mass spectrometry (MC-ICP-MS). Analytica Chimica Acta, 2007, 589, 105-119.	5.4	83
9	Development of Cu and Zn Isotope MC-ICP-MS Measurements: Application to Suspended Particulate Matter and Sediments from the Scheldt Estuary. Geostandards and Geoanalytical Research, 2008, 32, 149-166.	1.9	81
10	Calcined bone provides a reliable substrate for strontium isotope ratios as shown by an enrichment experiment. Rapid Communications in Mass Spectrometry, 2015, 29, 107-114.	1.5	80
11	High-accuracy determination of iron in seawater by isotope dilution multiple collector inductively coupled plasma mass spectrometry (ID-MC-ICP-MS) using nitrilotriacetic acid chelating resin for pre-concentration and matrix separation. Analytica Chimica Acta, 2008, 623, 126-139.	5.4	65
12	Iron in land-fast sea ice of McMurdo Sound derived from sediment resuspension and wind-blown dust attributes to primary productivity in the Ross Sea, Antarctica. Marine Chemistry, 2013, 157, 24-40.	2.3	64
13	Development of a sampling and flow injection analysis technique for iron determination in the sea ice environment. Analytica Chimica Acta, 2006, 556, 476-483.	5.4	62
14	Controlling the mass bias introduced by anionic and organic matrices in silicon isotopic measurements by MC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2011, 26, 1892.	3.0	60
15	Non-Rayleigh control of upper-ocean Cd isotope fractionation in the western South Atlantic. Earth and Planetary Science Letters, 2017, 471, 94-103.	4.4	47
16	Iron isotopic fractionation in industrial emissions and urban aerosols. Chemosphere, 2008, 73, 1793-1798.	8.2	44
17	The cadmiumâ€“phosphate relationship in the western South Atlantic â€” The importance of mode and intermediate waters on the global systematics. Marine Chemistry, 2015, 177, 110-123.	2.3	42
18	Impact of low denudation rates on soil chemical weathering intensity: A multiproxy approach. Chemical Geology, 2017, 456, 72-84.	3.3	17

#	Article	IF	Citations
19	Iron microbial mats in modern and phanerozoic environments. Proceedings of SPIE, 2008, , .	0.8	13
20	Physical and biological properties of early winter Antarctic sea ice in the Ross Sea. Annals of Glaciology, 2020, 61, 241-259.	1.4	9
21	First Multiâ€Isotopic (Pbâ€Ndâ€Srâ€Znâ€Cuâ€Fe) Characterisation of Dust Reference Materials (ATD and BCRâ€723): A Multiâ€Column Chromatographic Method Optimised to Trace Mineral and Anthropogenic Dust Sources. Geostandards and Geoanalytical Research, 2020, 44, 307-329.	3.1	7
22	In-cloud processing as a possible source of isotopically light iron from anthropogenic aerosols: New insights from a laboratory study. Atmospheric Environment, 2021, 259, 118505.	4.1	6
23	Laboratory study of iron isotope fractionation during dissolution of mineral dust and industrial ash in simulated cloud water. Chemosphere, 2022, 299, 134472.	8.2	2