

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	Laboratory study of iron isotope fractionation during dissolution of mineral dust and industrial ash in simulated cloud water. <i>Chemosphere</i> , 2022, 299, 134472.	8.2	2
2	In-cloud processing as a possible source of isotopically light iron from anthropogenic aerosols: New insights from a laboratory study. <i>Atmospheric Environment</i> , 2021, 259, 118505.	4.1	6
3	First Multi-isotopic (Pb-Nd-Sr-Zn-Cu-Fe) Characterisation of Dust Reference Materials (ATD and BCR-723): A Multi-Column Chromatographic Method Optimised to Trace Mineral and Anthropogenic Dust Sources. <i>Geostandards and Geoanalytical Research</i> , 2020, 44, 307-329.	3.1	7
4	Physical and biological properties of early winter Antarctic sea ice in the Ross Sea. <i>Annals of Glaciology</i> , 2020, 61, 241-259.	1.4	9
5	Impact of low denudation rates on soil chemical weathering intensity: A multiproxy approach. <i>Chemical Geology</i> , 2017, 456, 72-84.	3.3	17
6	Non-Rayleigh control of upper-ocean Cd isotope fractionation in the western South Atlantic. <i>Earth and Planetary Science Letters</i> , 2017, 471, 94-103.	4.4	47
7	Calcined bone provides a reliable substrate for strontium isotope ratios as shown by an enrichment experiment. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 107-114.	1.5	80
8	The cadmium-phosphate relationship in the western South Atlantic – The importance of mode and intermediate waters on the global systematics. <i>Marine Chemistry</i> , 2015, 177, 110-123.	2.3	42
9	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. <i>Marine Chemistry</i> , 2013, 157, 24-40.	2.3	64
10	Natural iron fertilization of the Atlantic sector of the Southern Ocean by continental shelf sources of the Antarctic Peninsula. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	99
11	Controlling the mass bias introduced by anionic and organic matrices in silicon isotopic measurements by MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 1892.	3.0	60
12	Distribution of dissolved iron in Antarctic sea ice: Spatial, seasonal, and inter-annual variability. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	94
13	Iron study during a time series in the western Weddell pack ice. <i>Marine Chemistry</i> , 2008, 108, 85-95.	2.3	131
14	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. <i>Analytica Chimica Acta</i> , 2008, 623, 126-139.	5.4	65
15	Development of Cu and Zn Isotope MC-ICP-MS Measurements: Application to Suspended Particulate Matter and Sediments from the Scheldt Estuary. <i>Geostandards and Geoanalytical Research</i> , 2008, 32, 149-166.	1.9	81
16	Iron isotopic fractionation in industrial emissions and urban aerosols. <i>Chemosphere</i> , 2008, 73, 1793-1798.	8.2	44
17	Iron microbial mats in modern and phanerozoic environments. <i>Proceedings of SPIE</i> , 2008, , .	0.8	13
18	Precise measurement of Fe isotopes in marine samples by multi-collector inductively coupled plasma mass spectrometry (MC-ICP-MS). <i>Analytica Chimica Acta</i> , 2007, 589, 105-119.	5.4	83

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19	Distribution and biogeochemical behaviour of iron in the East Antarctic sea ice. <i>Marine Chemistry</i> , 2007, 106, 18-32.	2.3	160
20	High-precision isotopic characterization of USGS reference materials by TIMS and MC-ICP-MS. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	700
21	Development of a sampling and flow injection analysis technique for iron determination in the sea ice environment. <i>Analytica Chimica Acta</i> , 2006, 556, 476-483.	5.4	62
22	Hf and Lu isotopic reference values for the zircon standard 91500 by MC-ICP-MS. <i>Chemical Geology</i> , 2004, 206, 1-9.	3.3	255
23	Isotopic composition of silicon measured by multicollector plasma source mass spectrometry in dry plasma mode. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 213-218.	3.0	178