

Johan Schijf

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,619
citations

279798

23
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289244

40
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all docs

42
docs citations

42
times ranked

1700
citing authors

#	ARTICLE	IF	CITATIONS
1	An ICP-AES method for routine high-precision measurement of seawater Sr/Ca ratios to validate coral paleothermometry calibrations. <i>Limnology and Oceanography: Methods</i> , 2021, 19, 416-430.	2.0	7
2	Speciation of yttrium and the rare earth elements in seawater: Review of a 20-year analytical journey. <i>Chemical Geology</i> , 2021, 584, 120479.	3.3	22
3	A survey of trace metal burdens in increment cores from eastern cottonwood (<i>Populus deltoides</i>) across a childhood cancer cluster, Sandusky County, OH, USA. <i>Chemosphere</i> , 2020, 238, 124528.	8.2	2
4	Editorial: REE Marine Geochemistry in the 21st Century: A Tribute to the Pioneering Research of Henry Elderfield (1943–2016). <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	1
5	Low cerium among the dissolved rare earth elements in the central North Pacific Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 236, 5-40.	3.9	40
6	Counteractive effects of increased temperature and pCO ₂ on the thickness and chemistry of the carapace of juvenile blue crab, <i>Callinectes sapidus</i> , from the Patuxent River, Chesapeake Bay. <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 498, 39-45.	1.5	24
7	Effect of Mg and Ca on the Stability of the MRI Contrast Agent Gd-DTPA in Seawater. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	17
8	Validation and application of a new microwave-digestion/ICP-MS method for the analysis of trace metals in tree increment cores. <i>Geochemical Journal</i> , 2018, 52, 347-358.	1.0	2
9	The potential of sedimentary foraminiferal rare earth element patterns to trace water masses in the past. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1550-1568.	2.5	45
10	Determination of the Side-Reaction Coefficient of Desferrioxamine B in Trace-Metal-Free Seawater. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	8
11	YREE scavenging in seawater: A new look at an old model. <i>Marine Chemistry</i> , 2015, 177, 460-471.	2.3	87
12	Different binding modes of Cu and Pb vs. Cd, Ni, and Zn with the trihydroxamate siderophore desferrioxamine B at seawater ionic strength. <i>Marine Chemistry</i> , 2015, 173, 40-51.	2.3	18
13	A surface complexation model of YREE sorption on <i>Ulva lactuca</i> in 0.05–5.0M NaCl solutions. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 97, 183-199.	3.9	24
14	Stability of YREE complexes with the trihydroxamate siderophore desferrioxamine B at seawater ionic strength. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7047-7062.	3.9	69
15	YREE sorption on hydrous ferric oxide in 0.5M NaCl solutions: A model extension. <i>Marine Chemistry</i> , 2011, 123, 32-43.	2.3	49
16	When dissolved is not truly dissolved—The importance of colloids in studies of metal sorption on organic matter. <i>Journal of Colloid and Interface Science</i> , 2011, 361, 137-147.	9.4	21
17	Investigation of the Ionic Strength Dependence of <i>Ulva lactuca</i> Acid Functional Group p <i>K_a</i> by Manual Alkalimetric Titrations. <i>Environmental Science & Technology</i> , 2010, 44, 1644-1649.	10.0	15
18	Comment on “An experimental study of the solubility and speciation of neodymium (III) fluoride in F-bearing aqueous solutions” by A.A. Migdisov and A.E. Williams-Jones. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 5574-5577.	3.9	3

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19	Alkali elements (Na, K, Rb) and alkaline earth elements (Mg, Ca, Sr, Ba) in the anoxic brine of Orca Basin, northern Gulf of Mexico. <i>Chemical Geology</i> , 2007, 243, 255-274.	3.3	25
20	Sorption of Yttrium and Rare Earth Elements by Amorphous Ferric Hydroxide: Influence of Temperature. <i>Environmental Science & Technology</i> , 2007, 41, 541-546.	10.0	43
21	Progressive dolomitization of Florida limestone recorded by alkaline earth element concentrations in saline, geothermal, submarine springs. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	9
22	Sorption of yttrium and rare earth elements by amorphous ferric hydroxide: Influence of solution complexation with carbonate. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 4151-4165.	3.9	110
23	Sorption of yttrium and rare earth elements by amorphous ferric hydroxide: Influence of pH and ionic strength. <i>Marine Chemistry</i> , 2006, 99, 128-150.	2.3	102
24	Comparative Scavenging of Yttrium and the Rare Earth Elements in Seawater: Competitive Influences of Solution and Surface Chemistry. <i>Aquatic Geochemistry</i> , 2004, 10, 59-80.	1.3	91
25	Determination of SO_4^{2-} for yttrium and the rare earth elements at $I = 0.66$ m and $t = 25^\circ C$ implications for YREE solution speciation in sulfate-rich waters. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2825-2837.	3.9	90
26	Fractionation of Platinum Group Elements in Aqueous Systems: Comparative Kinetics of Palladium and Platinum Removal from Seawater by <i>Ulva lactuca</i> L.. <i>Environmental Science & Technology</i> , 2003, 37, 555-560.	10.0	37
27	Stability constants for mono- and dioxalato-complexes of Y and the REE, potentially important species in groundwaters and surface freshwaters. <i>Geochimica Et Cosmochimica Acta</i> , 2001, 65, 1037-1046.	3.9	52
28	Late Precambrian Balkan-Carpathian ophiolite – a slice of the Pan-African ocean crust?: geochemical and tectonic insights from the Tcherni Vrah and Deli Jovan massifs, Bulgaria and Serbia. <i>Journal of Volcanology and Geothermal Research</i> , 2001, 110, 299-318.	2.1	37
29	Mg/Ca ratios in stressed foraminifera, <i>Amphistegina gibbosa</i> , from the Florida Keys. <i>Marine Micropaleontology</i> , 2001, 43, 199-206.	1.2	32
30	Determination of stability constants for the mono- and difluoro-complexes of Y and the REE, using a cation-exchange resin and ICP-MS. <i>Polyhedron</i> , 1999, 18, 2839-2844.	2.2	46
31	Acantharians: a missing link in the oceanic biogeochemistry of barium. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1998, 45, 491-505.	1.4	68
32	Title is missing!. <i>Journal of Solution Chemistry</i> , 1997, 26, 1187-1198.	1.2	18
33	Hydrography and local sources of dissolved trace metals Mn, Ni, Cu, and Cd in the northeast Atlantic Ocean. <i>Marine Chemistry</i> , 1997, 57, 195-216.	2.3	71
34	The influence of phosphate coprecipitation on rare earth distributions in natural waters. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 3341-3346.	3.9	142
35	Vertical distributions and speciation of dissolved rare earth elements in the anoxic brines of Bannock Basin, eastern Mediterranean Sea. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 3285-3299.	3.9	57
36	Rare earth element exchange through the Bosphorus: The Black Sea as a net source of REEs to the Mediterranean Sea. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 3503-3509.	3.9	11

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37	Kinetics of Ce and Nd scavenging in Black Sea waters. <i>Marine Chemistry</i> , 1994, 46, 345-359.	2.3	10
38	Sea-trials of three different methods for measuring non-volatile dissolved organic carbon in seawater during the JGOFS North Atlantic pilot study. <i>Marine Chemistry</i> , 1993, 41, 145-152.	2.3	23
39	Trace-metal distributions in seawater and anoxic brines in the eastern Mediterranean Sea. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 1419-1432.	3.9	38
40	Dissolved rare earth elements in the Black Sea. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1991, 38, S805-S823.	1.5	50
41	Bleeding CCl ₂ F ₂ as a tool to enhance the emission of metal ions and to suppress isobaric interferences by oxide ions during a multi-element analysis of rare earth elements on a thermal ionization mass spectrometer. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1991, 104, 227-234.	1.8	3