Johan Schijf

List of Publications by Year in descending order

41 papers	1,619 citations	279798 23 h-index	289244 40 g-index
42 all docs	42 docs citations	42 times ranked	1700 citing authors

#	Article	IF	Citations
1	The influence of phosphate coprecipitation on rare earth distributions in natural waters. Geochimica Et Cosmochimica Acta, 1996, 60, 3341-3346.	3.9	142
2	Sorption of yttrium and rare earth elements by amorphous ferric hydroxide: Influence of solution complexation with carbonate. Geochimica Et Cosmochimica Acta, 2006, 70, 4151-4165.	3.9	110
3	Sorption of yttrium and rare earth elements by amorphous ferric hydroxide: Influence of pH and ionic strength. Marine Chemistry, 2006, 99, 128-150.	2.3	102
4	Comparative Scavenging of Yttrium and the Rare Earth Elements in Seawater: Competitive Influences of Solution and Surface Chemistry. Aquatic Geochemistry, 2004, 10, 59-80.	1.3	91
5	Determination of SO4Î²1 for yttrium and the rare earth elements at I = 0.66 m and t = 25Â°Câ€”implications for YREE solution speciation in sulfate-rich waters. Geochimica Et Cosmochimica Acta, 2004, 68, 2825-2837.	3.9	90
6	YREE scavenging in seawater: A new look at an old model. Marine Chemistry, 2015, 177, 460-471.	2.3	87
7	Hydrography and local sources of dissolved trace metals Mn, Ni, Cu, and Cd in the northeast Atlantic Ocean. Marine Chemistry, 1997, 57, 195-216.	2.3	71
8	Stability of YREE complexes with the trihydroxamate siderophore desferrioxamine B at seawater ionic strength. Geochimica Et Cosmochimica Acta, 2011, 75, 7047-7062.	3.9	69
9	Acantharians: a missing link in the oceanic biogeochemistry of barium. Deep-Sea Research Part I: Oceanographic Research Papers, 1998, 45, 491-505.	1.4	68
10	Vertical distributions and speciation of dissolved rare earth elements in the anoxic brines of Bannock Basin, eastern Mediterranean Sea. Geochimica Et Cosmochimica Acta, 1995, 59, 3285-3299.	3.9	57
11	Stability constants for mono- and dioxalato-complexes of Y and the REE, potentially important species in groundwaters and surface freshwaters. Geochimica Et Cosmochimica Acta, 2001, 65, 1037-1046.	3.9	52
12	Dissolved rare earth elements in the Black Sea. Deep-sea Research Part A, Oceanographic Research Papers, 1991, 38, S805-S823.	1.5	50
13	YREE sorption on hydrous ferric oxide in 0.5M NaCl solutions: A model extension. Marine Chemistry, 2011, 123, 32-43.	2.3	49
14	Determination of stability constants for the mono- and difluoro-complexes of Y and the REE, using a cation-exchange resin and ICP-MS. Polyhedron, 1999, 18, 2839-2844.	2.2	46
15	The potential of sedimentary foraminiferal rare earth element patterns to trace water masses in the past. Geochemistry, Geophysics, Geosystems, 2017, 18, 1550-1568.	2.5	45
16	Sorption of Yttrium and Rare Earth Elements by Amorphous Ferric Hydroxide:Â Influence of Temperature. Environmental Science & Technology, 2007, 41, 541-546.	10.0	43
17	Low cerium among the dissolved rare earth elements in the central North Pacific Ocean. Geochimica Et Cosmochimica Acta, 2018, 236, 5-40.	3.9	40
18	Trace-metal distributions in seawater and anoxic brines in the eastern Mediterranean Sea. Geochimica Et Cosmochimica Acta, 1993, 57, 1419-1432.	3.9	38

#	Article	IF	Citations
19	Late Precambrian Balkan-Carpathian ophiolite â€" a slice of the Pan-African ocean crust?: geochemical and tectonic insights from the Tcherni Vrah and Deli Jovan massifs, Bulgaria and Serbia. Journal of Volcanology and Geothermal Research, 2001, 110, 299-318.	2.1	37
20	Fractionation of Platinum Group Elements in Aqueous Systems:Â Comparative Kinetics of Palladium and Platinum Removal from Seawater byUlva lactucaL.. Environmental Science & Technology, 2003, 37, 555-560.	10.0	37
21	Mg/Ca ratios in stressed foraminifera, Amphistegina gibbosa, from the Florida Keys. Marine Micropaleontology, 2001, 43, 199-206.	1.2	32
22	Alkali elements (Na, K, Rb) and alkaline earth elements (Mg, Ca, Sr, Ba) in the anoxic brine of Orca Basin, northern Gulf of Mexico. Chemical Geology, 2007, 243, 255-274.	3.3	25
23	A surface complexation model of YREE sorption on Ulva lactuca in 0.05â€"5.0M NaCl solutions. Geochimica Et Cosmochimica Acta, 2012, 97, 183-199.	3.9	24
24	Counteractive effects of increased temperature and pCO2 on the thickness and chemistry of the carapace of juvenile blue crab, Callinectes sapidus, from the Patuxent River, Chesapeake Bay. Journal of Experimental Marine Biology and Ecology, 2018, 498, 39-45.	1.5	24
25	Sea-trials of three different methods for measuring non-volatile dissolved organic carbon in seawater during the JGOFS North Atlantic pilot study. Marine Chemistry, 1993, 41, 145-152.	2.3	23
26	Speciation of yttrium and the rare earth elements in seawater: Review of a 20-year analytical journey. Chemical Geology, 2021, 584, 120479.	3.3	22
27	When dissolved is not truly dissolvedâ€"The importance of colloids in studies of metal sorption on organic matter. Journal of Colloid and Interface Science, 2011, 361, 137-147.	9.4	21
28	Title is missing!. Journal of Solution Chemistry, 1997, 26, 1187-1198.	1.2	18
29	Different binding modes of Cu and Pb vs. Cd, Ni, and Zn with the trihydroxamate siderophore desferrioxamine B at seawater ionic strength. Marine Chemistry, 2015, 173, 40-51.	2.3	18
30	Effect of Mg and Ca on the Stability of the MRI Contrast Agent Gdâ€"DTPA in Seawater. Frontiers in Marine Science, 2018, 5, .	2.5	17
31	Investigation of the Ionic Strength Dependence of Ulva lactuca Acid Functional Group pK_as by Manual Alkalimetric Titrations. Environmental Science & Technology, 2010, 44, 1644-1649.	10.0	15
32	Rare earth element exchange through the Bosporus: The Black Sea as a net source of REEs to the Mediterranean Sea. Geochimica Et Cosmochimica Acta, 1995, 59, 3503-3509.	3.9	11
33	Kinetics of Ce and Nd scavenging in Black Sea waters. Marine Chemistry, 1994, 46, 345-359.	2.3	10
34	Progressive dolomitization of Florida limestone recorded by alkaline earth element concentrations in saline, geothermal, submarine springs. Journal of Geophysical Research, 2007, 112, .	3.3	9
35	Determination of the Side-Reaction Coefficient of Desferrioxamine B in Trace-Metal-Free Seawater. Frontiers in Marine Science, 2016, 3, .	2.5	8
36	An <scp>ICPâ€AES</scp> method for routine highâ€precision measurement of seawater <scp>Sr</scp>/<scp>Ca</scp> ratios to validate coral paleothermometry calibrations. Limnology and Oceanography: Methods, 2021, 19, 416-430.	2.0	7

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37	Bleeding CCl2F2 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. International Journal of Mass Spectrometry and Ion Processes, 1991, 104, 227-234.	1.8	3
38	Comment on â€œAn experimental study of the solubility and speciation of neodymium (III) fluoride in F-bearing aqueous solutionsâ€•by A.A. Migdisov and A.E. Williams-Jones. Geochimica Et Cosmochimica Acta, 2008, 72, 5574-5577.	3.9	3
39	A survey of trace metal burdens in increment cores from eastern cottonwood (Populus deltoides) across a childhood cancer cluster, Sandusky County, OH, USA. Chemosphere, 2020, 238, 124528.	8.2	2
40	Validation and application of a new microwave-digestion/ICP-MS method for the analysis of trace metals in tree increment cores. Geochemical Journal, 2018, 52, 347-358.	1.0	2
41	Editorial: REE Marine Geochemistry in the 21st Century: A Tribute to the Pioneering Research of Henry Elderfield (1943â€“2016). Frontiers in Marine Science, 2020, 7, .	2.5	1