

# Bruce D Honeyman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12017776/publications.pdf>

Version: 2024-02-01

31  
papers

2,327  
citations

331670

21  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2001  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metals in aquatic systems. <i>Environmental Science &amp; Technology</i> , 1988, 22, 862-871.	10.0	328
2	Oceanic trace metal scavenging: the importance of particle concentration. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1988, 35, 227-246.	1.5	213
3	Uranium(VI) sorption to hematite in the presence of humic acid. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 2891-2901.	3.9	183
4	The sorption of thorium (IV) and uranium (VI) to hematite in the presence of natural organic matter. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 157, 47-62.	4.7	177
5	Heterogeneous processes affecting trace contaminant distribution in estuaries: The role of natural organic matter. <i>Marine Chemistry</i> , 1997, 58, 99-125.	2.3	170
6	Kinetics of trace element uptake by marine particles. <i>Geochimica Et Cosmochimica Acta</i> , 1988, 52, 567-577.	3.9	166
7	Importance of acid polysaccharides for <sup>234</sup> Th complexation to marine organic matter. <i>Limnology and Oceanography</i> , 2002, 47, 367-377.	3.1	166
8	Colloidal culprits in contamination. <i>Nature</i> , 1999, 397, 23-24.	27.8	130
9	Coupling adsorption and particle aggregation: laboratory studies of "colloidal pumping" using iron-59-labeled hematite. <i>Environmental Science &amp; Technology</i> , 1991, 25, 1739-1747.	10.0	107
10	Modeling Reduction of Uranium U(VI) under Variable Sulfate Concentrations by Sulfate-Reducing Bacteria. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3711-3721.	3.1	98
11	Modeling the Removal of Uranium U(VI) from Aqueous Solutions in the Presence of Sulfate Reducing Bacteria. <i>Environmental Science &amp; Technology</i> , 1999, 33, 2667-2675.	10.0	88
12	Sorption irreversibility and coagulation behavior of <sup>234</sup> Th with marine organic matter. <i>Marine Chemistry</i> , 2001, 76, 27-45.	2.3	68
13	Citric Acid Enhanced Remediation of Soils Contaminated with Uranium by Soil Flushing and Soil Washing. <i>Journal of Environmental Engineering, ASCE</i> , 2006, 132, 247-255.	1.4	64
14	Quantifying uranium complexation by groundwater dissolved organic carbon using asymmetrical flow field-flow fractionation. <i>Journal of Contaminant Hydrology</i> , 2007, 91, 233-246.	3.3	59
15	Upscaling Sorption/Desorption Processes in Reactive Transport Models To Describe Metal/Radionuclide Transport: A Critical Review. <i>Environmental Science &amp; Technology</i> , 2010, 44, 7996-8007.	10.0	46
16	Thorium sorption in the marine environment: Equilibrium partitioning at the hematite/water interface, sorption/desorption kinetics and particle tracing. <i>Aquatic Geochemistry</i> , 1996, 1, 277-301.	1.3	39
17	A New Method to Radiolabel Natural Organic Matter by Chemical Reduction with Tritiated Sodium Borohydride. <i>Environmental Science &amp; Technology</i> , 2007, 41, 6776-6782.	10.0	36
18	Effects of Fulvic Acid on Uranium(VI) Sorption Kinetics. <i>Environmental Science &amp; Technology</i> , 2013, 47, 6214-6222.	10.0	34

#	ARTICLE	IF	CITATIONS
19	Analysis of pH Dependent Uranium(VI) Sorption to Nanoparticulate Hematite by Flow Field-Flow Fractionation - Inductively Coupled Plasma Mass Spectrometry. Environmental Science & Technology, 2009, 43, 5403-5409.	10.0	30
20	Radionuclides in aquatic environments. International Journal of Radiation Applications and Instrumentation Nuclear Tracks and Radiation Measurements, 1989, 34, 213-240.	0.0	22
21	Influence of Aqueous pH and Ionic Strength on the Wettability of Quartz in the Presence of Dense Non-Aqueous-Phase Liquids. Environmental Science & Technology, 1997, 31, 676-681.	10.0	22
22	Binding of Pu(IV) to galacturonic acid and extracellular polymeric substances (EPS) from <i>Shewanella putrefaciens</i> , <i>Clostridium</i> and <i>Pseudomonas fluorescens</i> . Radiochimica Acta, 2008, 96, .	1.2	19
23	Plutonium (IV) complexation with citric and alginic acids at low PuT concentrations. Radiochimica Acta, 2005, 93, 757-766.	1.2	16
24	Pu(V) reduction and enhancement of particle-water partitioning by exopolymeric substances. Radiochimica Acta, 2008, 96, 739-745.	1.2	16
25	Modeling the adsorption of U(VI) onto animal chitin using coupled mass transfer and surface complexation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1997, 120, 243-254.	4.7	13
26	The "Zero-order Model" revisited: Paul Schindler's influence on the development of trace metal scavenging models. Aquatic Sciences, 1993, 55, 230-239.	1.5	5
27	Theoretical analysis of kinetic effects on the quantitative comparison of K <sub>d</sub> values and contaminant retardation factors. Journal of Contaminant Hydrology, 2010, 118, 1-12.	3.3	5
28	Simplified behaviors from increased heterogeneity: II. 3-D Uranium transport at the decimeter scale and intertank comparisons. Journal of Contaminant Hydrology, 2013, 148, 51-66.	3.3	4
29	Surface Chemistry, Colloids and Trace-Element Scavenging. Geophysical Monograph Series, 0, , 437-451.	0.1	3
30	<sup>210</sup> Po/ <sup>210</sup> Pb in Outdoor-Indoor PM-2.5, and PM-1.0 in Prague, Wintertime 2003. ACS Symposium Series, 2005, , 300-307.	0.5	0
31	Coupled Microbial and Chemical Reactions in Uranium Bioremediation. , 2006, , 183-190.		0