

Christopher S Kim

List of Publications by Year in descending order

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citations

516710

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docs citations

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2484
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticulate Iron Oxide Minerals in Soils and Sediments: Unique Properties and Contaminant Scavenging Mechanisms. <i>Journal of Nanoparticle Research</i> , 2005, 7, 409-433.	1.9	555
2	Investigation of the light-enhanced emission of mercury from naturally enriched substrates. <i>Atmospheric Environment</i> , 2002, 36, 3241-3254.	4.1	210
3	EXAFS study of mercury(II) sorption to Fe- and Al-(hydr)oxides. <i>Journal of Colloid and Interface Science</i> , 2004, 271, 1-15.	9.4	177
4	The effects of nanoparticle aggregation processes on aggregate structure and metal uptake. <i>Journal of Colloid and Interface Science</i> , 2009, 339, 285-295.	9.4	157
5	Mercury Speciation by X-ray Absorption Fine Structure Spectroscopy and Sequential Chemical Extractions: A Comparison of Speciation Methods. <i>Environmental Science & Technology</i> , 2003, 37, 5102-5108.	10.0	153
6	Stable cluster formation in aqueous suspensions of iron oxyhydroxide nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2007, 313, 152-159.	9.4	123
7	Geological and anthropogenic factors influencing mercury speciation in mine wastes: an EXAFS spectroscopy study. <i>Applied Geochemistry</i> , 2004, 19, 379-393.	3.0	113
8	Formation of Nanocolloidal Metacinnabar in Mercury-DOM-Sulfide Systems. <i>Environmental Science & Technology</i> , 2011, 45, 9180-9187.	10.0	110
9	EXAFS study of mercury(II) sorption to Fe- and Al-(hydr)oxides. <i>Journal of Colloid and Interface Science</i> , 2004, 270, 9-20.	9.4	102
10	Macroscopic and Microscopic Observations of Particle-Facilitated Mercury Transport from New Idria and Sulphur Bank Mercury Mine Tailings. <i>Environmental Science & Technology</i> , 2004, 38, 5101-5111.	10.0	97
11	Effects of Sulfide Concentration and Dissolved Organic Matter Characteristics on the Structure of Nanocolloidal Metacinnabar. <i>Environmental Science & Technology</i> , 2017, 51, 13133-13142.	10.0	50
12	The Layered Sodium Silicate Magadiite: An Analog to Smectite for Benzene Sorption from Water. <i>Clays and Clay Minerals</i> , 1997, 45, 881-885.	1.3	38
13	New Technique for Quantification of Elemental Hg in Mine Wastes and Its Implications for Mercury Evasion Into the Atmosphere. <i>Environmental Science & Technology</i> , 2011, 45, 412-417.	10.0	38
14	Windborne transport and surface enrichment of arsenic in semi-arid mining regions: Examples from the Mojave Desert, California. <i>Aeolian Research</i> , 2014, 14, 85-96.	2.7	33
15	Fluvial transport and surface enrichment of arsenic in semi-arid mining regions: examples from the Mojave Desert, California. <i>Journal of Environmental Monitoring</i> , 2012, 14, 1798.	2.1	24
16	Application of three methods for determining mercury speciation in mine waste. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2002, 2, 369-375.	0.9	18
17	Zn(II) and Cu(II) adsorption and retention onto iron oxyhydroxide nanoparticles: effects of particle aggregation and salinity. <i>Geochemical Transactions</i> , 2014, 15, 6.	0.7	16
18	Wetting/drying cycles increase arsenic bioaccessibility in mine-impacted sediments. <i>Science of the Total Environment</i> , 2021, 774, 145420.	8.0	5