

Caroline M Jonsson

List of Publications by Year in descending order

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12
papers

532
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

749
citing authors

#	ARTICLE	IF	CITATIONS
1	Attachment of α -Glutamate to Rutile (TiO_2): A Potentiometric, Adsorption, and Surface Complexation Study. <i>Langmuir</i> , 2009, 25, 12127-12135.	3.5	72
2	Evaluating Glutamate and Aspartate Binding Mechanisms to Rutile (TiO_2) via ATR-FTIR Spectroscopy and Quantum Chemical Calculations. <i>Langmuir</i> , 2011, 27, 1778-1787.	3.5	65
3	Adsorption of Nucleic Acid Components on Rutile (TiO_2) Surfaces. <i>Astrobiology</i> , 2010, 10, 311-323.	3.0	64
4	The adsorption of short single-stranded DNA oligomers to mineral surfaces. <i>Chemosphere</i> , 2011, 83, 1560-1567.	8.2	60
5	Adsorption of L-aspartate to rutile (TiO_2): Experimental and theoretical surface complexation studies. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2356-2367.	3.9	53
6	Adsorption of Glyphosate on Goethite (FeOOH): Surface Complexation Modeling Combining Spectroscopic and Adsorption Data. <i>Environmental Science & Technology</i> , 2008, 42, 2464-2469.	10.0	50
7	Adsorption and Surface Complexation Study of L-DOPA on Rutile (TiO_2) in NaCl Solutions. <i>Environmental Science & Technology</i> , 2011, 45, 3959-3966.	10.0	49
8	Glutamate Surface Speciation on Amorphous Titanium Dioxide and Hydrated Ferric Oxide. <i>Environmental Science & Technology</i> , 2008, 42, 6034-6039.	10.0	39
9	Glyphosate complexation to aluminium(III). An equilibrium and structural study in solution using potentiometry, multinuclear NMR, ATR-FTIR, ESI-MS and DFT calculations. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1426-1438.	3.5	27
10	Influence of humic acid and dihydroxy benzoic acid on the agglomeration, adsorption, sedimentation and dissolution of copper, manganese, aluminum and silica nanoparticles – A tentative exposure scenario. <i>PLoS ONE</i> , 2018, 13, e0192553.	2.5	26
11	Influence of organic molecules on the aggregation of TiO_2 nanoparticles in acidic conditions. <i>Journal of Nanoparticle Research</i> , 2017, 19, 133.	1.9	18
12	Potentiometric Study of Dissociation Constants of Dihydroxybenzoic Acids at Reduced Ionic Strengths and Temperatures. <i>American Journal of Analytical Chemistry</i> , 2017, 08, 142-150.	0.9	9