

# Luuk K Koopal

## List of Publications by Year in descending order

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189  
papers

13,610  
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16451

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23533

111  
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192  
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192  
docs citations

192  
times ranked

9667  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proton binding to humic nano particles: electrostatic interaction and the condensation approximation. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 704-714.	2.8	2
2	Effect of humic acid on lysozyme interaction with montmorillonite and kaolinite. <i>Science of the Total Environment</i> , 2022, 834, 155370.	8.0	4
3	Spectroscopic investigation of conformational changes in urease caused by interaction with humic acid. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 215, 112510.	5.0	2
4	Facet-dependent surface charge and Pb <sup>2+</sup> adsorption characteristics of hematite nanoparticles: CD-MUSIC-eSGC modeling. <i>Environmental Research</i> , 2021, 196, 110383.	7.5	6
5	Conformational modifications of lysozyme caused by interaction with humic acid studied with spectroscopy. <i>Science of the Total Environment</i> , 2021, 768, 144858.	8.0	7
6	Quantitative Characterization of the Site Density and the Charged State of Functional Groups on Biochar. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 2600-2608.	6.7	17
7	Regional differences in mineral weathering characteristics of zonal soils under intensive agriculture. <i>Applied Clay Science</i> , 2021, 215, 106336.	5.2	4
8	Goethite effects on transport and activity of lysozyme with humic acid in quartz sand. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 604, 125319.	4.7	4
9	Equilibrium mono- and multicomponent adsorption models: From homogeneous ideal to heterogeneous non-ideal binding. <i>Advances in Colloid and Interface Science</i> , 2020, 280, 102138.	14.7	42
10	Mixed ad/desorption kinetics unraveled with the equilibrium adsorption isotherm. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 577, 709-722.	4.7	16
11	Selective adsorption of soil humic acid on binary systems containing kaolinite and goethite: Assessment of sorbent interactions. <i>European Journal of Soil Science</i> , 2019, 70, 1098-1107.	3.9	10
12	Formation and Morphology Evolution from Ferrihydrite to Hematite in the Presence of Tartaric Acid. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 562-570.	2.7	9
13	Phosphate speciation on Al-substituted goethite: ATR-FTIR/2D-COS and CD-MUSIC modeling. <i>Environmental Science: Nano</i> , 2019, 6, 3625-3637.	4.3	25
14	Proton and Copper Binding to Humic Acids Analyzed by XAFS Spectroscopy and Isothermal Titration Calorimetry. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4099-4107.	10.0	48
15	Roles of different types of oxalate surface complexes in dissolution process of ferrihydrite aggregates. <i>Scientific Reports</i> , 2018, 8, 2060.	3.3	17
16	Hydroxy-interlayered minerals in the Holocene paleosol on the southernmost Loess Plateau, China. <i>Applied Clay Science</i> , 2018, 153, 70-77.	5.2	10
17	Effect of Soil Fulvic and Humic Acids on Pb Binding to the Goethite/Solution Interface: Ligand Charge Distribution Modeling and Speciation Distribution of Pb. <i>Environmental Science &amp; Technology</i> , 2018, 52, 1348-1356.	10.0	45
18	Comparison of strontium retardation for kaolinite, illite, vermiculite and allophane. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 409-419.	1.5	9

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19	Effect of citrate on the species and levels of Al impurities in ferrihydrite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 539, 140-147.	4.7	8
20	Influence of humic acid on transport, deposition and activity of lysozyme in quartz sand. <i>Environmental Pollution</i> , 2018, 242, 298-306.	7.5	11
21	CD-MUSIC-EDL Modeling of Pb <sup>2+</sup> Adsorption on Birnessites: Role of Vacant and Edge Sites. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10522-10531.	10.0	30
22	The preferential retention of VI <sub>2</sub> Zn over IV <sub>2</sub> Zn on birnessite during dissolution/desorption. <i>Applied Clay Science</i> , 2018, 161, 169-175.	5.2	8
23	Strontium adsorption and penetration in kaolinite at low Sr <sup>2+</sup> concentration. <i>Soil Science and Plant Nutrition</i> , 2017, 63, 14-17.	1.9	12
24	Mechanisms of soil humic acid adsorption onto montmorillonite and kaolinite. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 457-467.	9.4	104
25	Local structure of Cu <sup>2+</sup> in Cu-doped hexagonal turbostratic birnessite and Cu <sup>2+</sup> stability under acid treatment. <i>Chemical Geology</i> , 2017, 466, 512-523.	3.3	31
26	Copper binding to soil fulvic and humic acids: NICA-Donnan modeling and conditional affinity spectra. <i>Journal of Colloid and Interface Science</i> , 2016, 473, 141-151.	9.4	59
27	Effect of different vegetation cover on the vertical distribution of soil organic and inorganic carbon in the Zhifanggou Watershed on the loess plateau. <i>Catena</i> , 2016, 139, 191-198.	5.0	97
28	Surfactant adsorption to soil components and soils. <i>Advances in Colloid and Interface Science</i> , 2016, 231, 59-102.	14.7	95
29	Effects of crystallite size on the structure and magnetism of ferrihydrite. <i>Environmental Science: Nano</i> , 2016, 3, 190-202.	4.3	77
30	Desorption of myo-inositol hexakisphosphate and phosphate from goethite by different reagents. <i>Journal of Plant Nutrition and Soil Science</i> , 2015, 178, 878-887.	1.9	20
31	Structure and properties of vanadium(V)-doped hexagonal turbostratic birnessite and its enhanced scavenging of Pb <sup>2+</sup> from solutions. <i>Journal of Hazardous Materials</i> , 2015, 288, 80-88.	12.4	30
32	High Co-doping promotes the transition of birnessite layer symmetry from orthogonal to hexagonal. <i>Chemical Geology</i> , 2015, 410, 12-20.	3.3	27
33	Effect of soil fulvic and humic acid on binding of Pb to goethite-water interface: Linear additivity and volume fractions of HS in the Stern layer. <i>Journal of Colloid and Interface Science</i> , 2015, 457, 121-130.	9.4	52
34	Size-dependent sorption of myo-inositol hexakisphosphate and orthophosphate on nano- $\gamma$ -Al <sub>2</sub> O <sub>3</sub> . <i>Journal of Colloid and Interface Science</i> , 2015, 451, 85-92.	9.4	33
35	Effects of phosphate and silicate on the transformation of hydroxycarbonate green rust to ferric oxyhydroxides. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 171, 1-14.	3.9	27
36	Characteristics of the fifth paleosol complex (S5) in the southernmost part of the Chinese Loess Plateau and its paleo-environmental significance. <i>Catena</i> , 2014, 122, 130-139.	5.0	6

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37	One-step synthesis of $\gamma$ -MnO <sub>2</sub> nanoparticles using ascorbic acid and their scavenging properties to Pb(II), Zn(II) and methylene blue. <i>Materials Chemistry and Physics</i> , 2014, 148, 1149-1156.	4.0	12
38	Zn sorption to biogenic bixbyite-like Mn <sub>2</sub> O <sub>3</sub> produced by <i>Bacillus</i> CUA isolated from soil: XAFS study with constraints on sorption mechanism. <i>Chemical Geology</i> , 2014, 389, 82-90.	3.3	18
39	Interaction between lysozyme and humic acid in layer-by-layer assemblies: Effects of pH and ionic strength. <i>Journal of Colloid and Interface Science</i> , 2014, 430, 40-46.	9.4	17
40	Shape Evolution Synthesis of Monodisperse Spherical, Ellipsoidal, and Elongated Hematite ( $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> ) Nanoparticles Using Ascorbic Acid. <i>Crystal Growth and Design</i> , 2014, 14, 157-164.	3.0	46
41	Soil inorganic carbon stock under different soil types and land uses on the Loess Plateau region of China. <i>Catena</i> , 2014, 121, 22-30.	5.0	92
42	Transformation of hydroxycarbonate green rust into crystalline iron (hydr)oxides: Influences of reaction conditions and underlying mechanisms. <i>Chemical Geology</i> , 2013, 351, 57-65.	3.3	36
43	Lead Binding to Soil Fulvic and Humic Acids: NICA-Donnan Modeling and XAFS Spectroscopy. <i>Environmental Science &amp; Technology</i> , 2013, 47, 11634-11642.	10.0	114
44	Influence of Soil Humic and Fulvic Acid on the Activity and Stability of Lysozyme and Urease. <i>Environmental Science &amp; Technology</i> , 2013, 47, 5050-5056.	10.0	63
45	Proton binding to soil humic and fulvic acids: Experiments and NICA-Donnan modeling. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 1152-1158.	4.7	39
46	Effects of Fe doping on the structures and properties of hexagonal birnessites – Comparison with Co and Ni doping. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 117, 1-15.	3.9	71
47	Microstructure, Interaction Mechanisms, and Stability of Binary Systems Containing Goethite and Kaolinite. <i>Soil Science Society of America Journal</i> , 2012, 76, 389-398.	2.2	28
48	Wetting of Solid Surfaces: Fundamentals and Charge effects. <i>Advances in Colloid and Interface Science</i> , 2012, 179-182, 29-42.	14.7	78
49	Sorption of tetracycline on organo-montmorillonites. <i>Journal of Hazardous Materials</i> , 2012, 225-226, 28-35.	12.4	82
50	One-step synthesis of sea urchin-like $\gamma$ -MnO <sub>2</sub> using KIO <sub>4</sub> as the oxidant and its oxidation of arsenite. <i>Materials Letters</i> , 2012, 77, 60-62.	2.6	16
51	Influence of lysozyme complexation with purified Aldrich humic acid on lysozyme activity. <i>European Journal of Soil Science</i> , 2012, 63, 550-557.	3.9	12
52	Humic substance charge determination by titration with a flexible cationic polyelectrolyte. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5749-5761.	3.9	31
53	Environmental significance of mineral weathering and pedogenesis of loess on the southernmost Loess Plateau, China. <i>Geoderma</i> , 2011, 163, 219-226.	5.1	41
54	Formation and Transformation of Iron Oxide–Kaolinite Associations in the Presence of Iron(II). <i>Soil Science Society of America Journal</i> , 2011, 75, 45-55.	2.2	18

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55	Predictive model of cationic surfactant binding to humic substances. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 379, 70-78.	4.7	22
56	Effect of 1-1 electrolyte concentration on the adsorption/desorption of copper ion on synthetic birnessite. <i>Journal of Soils and Sediments</i> , 2010, 10, 879-885.	3.0	11
57	Polymer tensiometers with ceramic cones: direct observations of matric pressures in drying soils. <i>Hydrology and Earth System Sciences</i> , 2010, 14, 1787-1799.	4.9	24
58	Electrostatic potentials of humic acid: Fluorescence quenching measurements and comparison with model calculations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 347, 27-32.	4.7	9
59	Binding of alkylpyridinium chloride surfactants to sodium polystyrene sulfonate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 347, 69-75.	4.7	15
60	Measuring very negative water potentials with polymer tensiometers: principles, performance and applications. <i>Biologia (Poland)</i> , 2009, 64, 438-442.	1.5	12
61	Interaction between Humic Acid and Lysozyme, Studied by Dynamic Light Scattering and Isothermal Titration Calorimetry. <i>Environmental Science &amp; Technology</i> , 2009, 43, 591-596.	10.0	75
62	Humic acid protein complexation. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2090-2099.	3.9	84
63	Adsorption of Heterogeneously Charged Nanoparticles on a Variably Charged Surface by the Extended Surface Complexation Approach: Charge Regulation, Chemical Heterogeneity, and Surface Complexation. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1339-1349.	2.6	18
64	DETERMINATION OF THE POINT-OF-ZERO CHARGE OF MANGANESE OXIDES WITH DIFFERENT METHODS INCLUDING AN IMPROVED SALT TITRATION METHOD. <i>Soil Science</i> , 2008, 173, 277-286.	0.9	123
65	Protein Adsorption at Solid Surfaces and Protein Complexation with Humic Acids. <i>Revista De La Ciencia Del Suelo Y Nutricion Vegetal</i> , 2008, 8, .	0.4	2
66	Competitive Adsorption of Nonionic Surfactant and Nonionic Polymer on Silica. <i>Langmuir</i> , 2007, 23, 5532-5540.	3.5	48
67	New Polymer Tensiometers: Measuring Matric Pressures Down to the Wilting Point. <i>Vadose Zone Journal</i> , 2007, 6, 196-202.	2.2	45
68	Binding of cationic surfactants to humic substances. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 306, 29-39.	4.7	57
69	Measurement and interpretation of electrokinetic phenomena. <i>Journal of Colloid and Interface Science</i> , 2007, 309, 194-224.	9.4	947
70	Modeling the Interactions between Humics, Ions, and Mineral Surfaces. <i>Environmental Science &amp; Technology</i> , 2006, 40, 7473-7480.	10.0	70
71	Adsorption of Humic Substances on Goethite: A Comparison between Humic Acids and Fulvic Acids. <i>Environmental Science &amp; Technology</i> , 2006, 40, 7494-7500.	10.0	226
72	Modeling Metal-Particle Interactions With an Emphasis on Natural Organic Matter. <i>Environmental Science &amp; Technology</i> , 2006, 40, 7459-7466.	10.0	41

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73	Confinement-Induced Symmetry Breaking of Interfacial Surfactant Layers. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8756-8763.	2.6	9
74	Surface charge regulation upon polyelectrolyte adsorption, hematite, polystyrene sulfonate, surface charge regulation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 291, 13-23.	4.7	28
75	Thinning of wetting films formed from aqueous solutions of non-ionic surfactant. <i>Journal of Colloid and Interface Science</i> , 2006, 301, 210-216.	9.4	8
76	Ligand and Charge Distribution (LCD) model for the description of fulvic acid adsorption to goethite. <i>Journal of Colloid and Interface Science</i> , 2006, 302, 442-457.	9.4	71
77	Electrostatic interaction models for ion binding to humic substances. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 265, 104-113.	4.7	43
78	Ion binding to natural organic matter: General considerations and the NICA-Donnan model. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 265, 40-54.	4.7	211
79	Measurement and Interpretation of Electrokinetic Phenomena (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2005, 77, 1753-1805.	1.9	498
80	Influence of NaCl on the Behavior of PEO- <i>b</i> -PPO- <i>b</i> -PEO Triblock Copolymers in Solution, at Interfaces, and in Asymmetric Liquid Films. <i>Langmuir</i> , 2005, 21, 4954-4963.	3.5	38
81	Analysis of Copper Binding in the Ternary System Cu <sup>2+</sup> /Humic Acid/Goethite at Neutral to Acidic pH. <i>Environmental Science &amp; Technology</i> , 2005, 39, 4886-4893.	10.0	63
82	Confinement-Induced Phase Transition and Hysteresis in Colloidal Forces for Surfactant Layers on Hydrophobic Surfaces. <i>Langmuir</i> , 2005, 21, 10089-10095.	3.5	15
83	Modeling of Confinement-Induced Phase Transitions for Surfactant Layers on Amphiphilic Surfaces. <i>Langmuir</i> , 2005, 21, 11534-11545.	3.5	18
84	Interactions of calcium and fulvic acid at the goethite-water interface. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 325-339.	3.9	134
85	Adsorption of Nonionic Surfactants on Cellulose Surfaces: Adsorbed Amounts and Kinetics. <i>Langmuir</i> , 2005, 21, 7768-7775.	3.5	48
86	Application of the NICA-Donnan model for proton, copper and uranyl binding to humic acid. <i>Radiochimica Acta</i> , 2004, 92, 567-574.	1.2	32
87	Adsorption of Cationic Surfactants on Silica Surface: 1. Adsorption Isotherms and Surface Charge. <i>Colloid Journal</i> , 2004, 66, 38-43.	1.3	16
88	Adsorption of Cationic Surfactants on Silica Surface: 2. Comparison of Theory with Experiment. <i>Colloid Journal</i> , 2004, 66, 44-47.	1.3	5
89	Binding of ionic surfactants to purified humic acid. <i>Journal of Colloid and Interface Science</i> , 2004, 275, 360-367.	9.4	73
90	Self-Consistent Field Analysis of Ionic Surfactant Adsorption Regulation in the Aqueous Film between Two Neutral Solids. <i>Journal of Physical Chemistry B</i> , 2004, 108, 3633-3643.	2.6	7

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91	Confinement-Induced Phase Behavior and Adsorption Regulation of Ionic Surfactants in the Aqueous Film between Charged Solids. <i>Journal of Physical Chemistry B</i> , 2004, 108, 15033-15042.	2.6	19
92	Adsorption of Humic Acid on Goethite: Isotherms, Charge Adjustments, and Potential Profiles. <i>Langmuir</i> , 2004, 20, 689-700.	3.5	134
93	Mixed adsorption of poly(vinylpyrrolidone) and sodium dodecylbenzenesulfonate on kaolinite. <i>Journal of Colloid and Interface Science</i> , 2003, 260, 1-8.	9.4	61
94	Annealed Star-Branched Polyelectrolytes in Solution. <i>Macromolecules</i> , 2002, 35, 9176-9190.	4.8	67
95	Selective Separation of Fine Particles by a New Flotation Approach. <i>Separation Science and Technology</i> , 2002, 37, 2097-2112.	2.5	8
96	Remediation of Fine Fractions of Dredged Sediments by Flotation. <i>Environmental Technology (United Kingdom)</i> , 2002, 23, 1009-1016.	2.2	6
97	Theoretical modeling of cationic surfactants aggregation at the silica/aqueous solution interface: Effects of pH and ionic strength. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 5846-5855.	2.8	9
98	Heterocoagulation of Hydrophobic Particle and Bubble during Microflotation. <i>Colloid Journal</i> , 2002, 64, 457-465.	1.3	3
99	Intensification of electro dialysis by applying a non-stationary electric field. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 176, 195-212.	4.7	71
100	A simple model for adsorption kinetics at charged solid-liquid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 192, 93-107.	4.7	52
101	Microflotation Suppression and Enhancement Caused by Particle/Bubble Electrostatic Interaction. <i>Journal of Colloid and Interface Science</i> , 2001, 237, 208-223.	9.4	19
102	Humic matter and contaminants. General aspects and modeling metal ion binding. <i>Pure and Applied Chemistry</i> , 2001, 73, 2005-2016.	1.9	108
103	Monodisperse, nonporous, spherical silica particles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000, 166, 171-176.	4.7	47
104	The effect of chemical composition and molecular weight of polysaccharide depressants on the flotation of talc. <i>International Journal of Mineral Processing</i> , 2000, 59, 215-224.	2.6	110
105	The effect of cationic surfactants on wetting, colloid stability and flotation of silica. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 151, 15-25.	4.7	85
106	Volume and structure of humic acids studied by viscometry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 151, 213-224.	4.7	107
107	Flotation of soot particles from a sandy soil sludge. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 151, 293-301.	4.7	11
108	Immobilisation of humic acids and binding of nitrophenol to immobilised humics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 151, 201-212.	4.7	28

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109	Ion binding to natural organic matter: competition, heterogeneity, stoichiometry and thermodynamic consistency. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 151, 147-166.	4.7	708
110	Titration microcalorimetry of poly(vinylpyrrolidone) and sodium dodecylbenzenesulphonate in aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999, 160, 237-246.	4.7	24
111	Charge Adjustments upon Adsorption of a Weak Polyelectrolyte to a Mineral Oxide: The Hematite-Humic Acid System. <i>Journal of Colloid and Interface Science</i> , 1999, 212, 176-185.	9.4	38
112	Proton Binding to Humic Acids: Electrostatic and Intrinsic Interactions. <i>Journal of Colloid and Interface Science</i> , 1999, 217, 37-48.	9.4	105
113	Screening in Solutions of Star-Branched Polyelectrolytes. <i>Macromolecules</i> , 1999, 32, 2365-2377.	4.8	93
114	Kinetics of Humic Acid Adsorption at Solid-Water Interfaces. <i>Environmental Science &amp; Technology</i> , 1999, 33, 2739-2744.	10.0	128
115	Metal Ion Adsorption to Complexes of Humic Acid and Metal Oxides: Deviations from the Additivity Rule. <i>Environmental Science &amp; Technology</i> , 1999, 33, 3892-3897.	10.0	162
116	Flotation of PAH-Contaminated Dredged Sludge. <i>ACS Symposium Series</i> , 1999, , 248-259.	0.5	0
117	Interaction theory for double electric layers of dissimilar particles for equilibrium regime of surface ionization Low surface potentials. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 131, 51-62.	4.7	5
118	Chemical immobilisation of humic acid on silica. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 141, 385-395.	4.7	73
119	Surface and volume charge densities of monodisperse porous silicas. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1998, 142, 303-313.	4.7	51
120	Desorption of Humic Acids from an Iron Oxide Surface. <i>Environmental Science &amp; Technology</i> , 1998, 32, 2572-2577.	10.0	102
121	Adsorption of Humic Acid to Mineral Particles. 1. Specific and Electrostatic Interactions. <i>Langmuir</i> , 1998, 14, 2810-2819.	3.5	325
122	Adsorption of Humic Acids to Mineral Particles. 2. Polydispersity Effects with Polyelectrolyte Adsorption. <i>Langmuir</i> , 1998, 14, 4210-4216.	3.5	145
123	Polymer adsorption on a patchwise heterogeneous surface. , 1998, , 153-160.		8
124	Semianalytical Methods To Determine First-Order Rate Constant Distributions. <i>Langmuir</i> , 1997, 13, 961-969.	3.5	7
125	Critical Point Wetting for Binary Two-Phase Polymer-Solvent Mixtures on Solid Interfaces. <i>Langmuir</i> , 1997, 13, 5751-5755.	3.5	8
126	Adsorption of Weak Polyelectrolytes on Surfaces with a Variable Charge. Self-Consistent-Field Calculations. <i>Langmuir</i> , 1997, 13, 4413-4421.	3.5	50



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127	Adsorption of Cationic Surfactants on Silica. Comparison of Experiment and Theory. <i>Langmuir</i> , 1997, 13, 673-681.	3.5	124
128	Self-Consistent Field Theory for the Adsorption of Alkanes on Solid Surfaces. <i>Langmuir</i> , 1996, 12, 1863-1869.	3.5	10
129	Metal ion binding by natural organic matter: From the model to the field. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 2503-2513.	3.9	229
130	Adsorption of Cationic Surfactants on Silica. Surface Charge Effects. <i>Langmuir</i> , 1996, 12, 3188-3194.	3.5	194
131	Humic Substances Considered as a Heterogeneous Donnan Gel Phase. <i>Environmental Science &amp; Technology</i> , 1996, 30, 1805-1813.	10.0	292
132	Self-consistent field theory for wetting of binary polymer-solvent mixtures on rigid and soft interfaces. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 579-587.	1.7	19
133	Self-Assembly of Ionic Surfactants Adsorbed on Mineral Oxides: Surface Charge and Salt Effects. <i>ACS Symposium Series</i> , 1996, , 78-103.	0.5	4
134	Chapter 3.5 Ion adsorption on mineral oxide surfaces. <i>Studies in Surface Science and Catalysis</i> , 1996, 99, 757-796.	1.5	16
135	Metal Ion Binding by Humic Acid: Application of the NICA-Donnan Model. <i>Environmental Science &amp; Technology</i> , 1996, 30, 1687-1698.	10.0	498
136	Mineral hydroxides: from homogeneous to heterogeneous modelling. <i>Electrochimica Acta</i> , 1996, 41, 2293-2305.	5.2	83
137	Adsorption of Cationic and Anionic Surfactants on Metal Oxide Surfaces: Surface Charge Adjustment and Competition Effects. <i>Journal of Colloid and Interface Science</i> , 1996, 177, 478-489.	9.4	53
138	An Analytical Isotherm Equation (CONICA) for Nonideal Mono- and Bidentate Competitive Ion Adsorption to Heterogeneous Surfaces. <i>Journal of Colloid and Interface Science</i> , 1996, 183, 35-50.	9.4	25
139	Self-Consistent-Field Description of n-Alkanes in Bulk and at the Liquid-Vapor Interface. <i>The Journal of Physical Chemistry</i> , 1996, 100, 3607-3616.	2.9	11
140	Adsorption of Cationic and Anionic Surfactants on Charged Metal Oxide Surfaces. <i>Journal of Colloid and Interface Science</i> , 1995, 170, 85-97.	9.4	138
141	Analysis of Metal-Ion Binding by a Peat Humic Acid Using a Simple Electrostatic Model. <i>Journal of Colloid and Interface Science</i> , 1995, 175, 448-460.	9.4	81
142	Thin Hydrocarbon and Water Films on Bare and Methylated Silica: Vapor Adsorption, Wettability, Adhesion, and Surface Forces. <i>Langmuir</i> , 1995, 11, 1701-1710.	3.5	40
143	Analysis of proton binding by a peat humic acid using a simple electrostatic model. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 1101-1112.	3.9	149
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