

Yingchun Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A combined first principles and classical molecular dynamics study of clay-soil organic matters (SOMs) interactions. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 291, 110-125.	1.6	28
2	Complexation of carboxylate on smectite surfaces. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 18400-18406.	1.3	15
3	A molecular dynamics simulation study of KF and NaF ion pairs in hydrothermal fluids. <i>Fluid Phase Equilibria</i> , 2020, 518, 112625.	1.4	11
4	Surface Acidity and As(V) Complexation of Iron Oxyhydroxides: Insights from First-Principles Molecular Dynamics Simulations. <i>Environmental Science & Technology</i> , 2021, 55, 15921-15928.	4.6	10
5	Molecular Dynamics Simulation of Alkylammonium-Intercalated Vermiculites. <i>Clays and Clay Minerals</i> , 2017, 65, 378-386.	0.6	9
6	Interfacial structures and acidity constants of goethite from first-principles Molecular Dynamics simulations. <i>American Mineralogist</i> , 2021, 106, 1736-1743.	0.9	7
7	Complexation of quinone species on 2:1 dioctahedral phyllosilicate surfaces. <i>Applied Clay Science</i> , 2018, 162, 268-275.	2.6	6
8	Interlayer Structures and Dynamics of Arsenate and Arsenite Intercalated Layered Double Hydroxides: A First Principles Study. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 53.	0.8	5
9	Adsorption of CTAB on Sapphire- <i>c</i> at High pH: Surface and Zeta Potential Measurements Combined with Sum-Frequency and Second-Harmonic Generation. <i>Langmuir</i> , 2022, 38, 3380-3391.	1.6	4