Yingchun Zhang

List of Publications by Year
in descending order

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9 papers	95 citations	1478505 6 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	70 citing authors

#	Article	IF	Citations
1	Adsorption of CTAB on Sapphire-c at High pH: Surface and Zeta Potential Measurements Combined with Sum-Frequency and Second-Harmonic Generation. Langmuir, 2022, 38, 3380-3391.	3.5	4
2	Interfacial structures and acidity constants of goethite from first-principles Molecular Dynamics simulations. American Mineralogist, 2021, 106, 1736-1743.	1.9	7
3	Surface Acidity and As(V) Complexation of Iron Oxyhydroxides: Insights from First-Principles Molecular Dynamics Simulations. Environmental Science & Technology, 2021, 55, 15921-15928.	10.0	10
4	A combined first principles and classical molecular dynamics study of clay-soil organic matters (SOMs) interactions. Geochimica Et Cosmochimica Acta, 2020, 291, 110-125.	3.9	28
5	A molecular dynamics simulation study of KF and NaF ion pairs in hydrothermal fluids. Fluid Phase Equilibria, 2020, 518, 112625.	2.5	11
6	Complexation of quinone species on 2:1 dioctahedral phyllosilicate surfaces. Applied Clay Science, 2018, 162, 268-275.	5.2	6
7	Complexation of carboxylate on smectite surfaces. Physical Chemistry Chemical Physics, 2017, 19, 18400-18406.	2.8	15
8	Interlayer Structures and Dynamics of Arsenate and Arsenite Intercalated Layered Double Hydroxides: A First Principles Study. Minerals (Basel, Switzerland), 2017, 7, 53.	2.0	5
9	Molecular Dynamics Simulation of Alkylammonium-Intercalated Vermiculites. Clays and Clay Minerals, 2017, 65, 378-386.	1.3	9