Felipe JimÃ©nez-Ãngeles

List of Publications by Year
in descending order

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29 papers	1,156 citations	430874 18 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	1151 citing authors

#	Article	IF	Citations
1	A Modeling-Based Design to Engineering Protein Hydrogels with Random Copolymers. ACS Nano, 2021, 15, 16139-16148.	14.6	13
2	Probing the Size-Dependent Polarizability of Mesoscopic Ionic Clusters and Their Induced-Dipole Interactions. Journal of Chemical Physics, 2021, 155, 194901.	3.0	2
3	Insights into the Enhanced Catalytic Activity of Cytochrome c When Encapsulated in a Metalâ€“Organic Framework. Journal of the American Chemical Society, 2020, 142, 18576-18582.	13.7	73
4	Nonreciprocal interactions induced by water in confinement. Physical Review Research, 2020, 2, .	3.6	29
5	Water follows polar and nonpolar protein surface domains. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19274-19281.	7.1	66
6	Self-Assembly of Charge-Containing Copolymers at the Liquidâ€“Liquid Interface. ACS Central Science, 2019, 5, 688-699.	11.3	43
7	Hydrophobic Hydration and the Effect of NaCl Salt in the Adsorption of Hydrocarbons and Surfactants on Clathrate Hydrates. ACS Central Science, 2018, 4, 820-831.	11.3	89
8	Molecular Dynamics Simulation of the Adsorption and Aggregation of Ionic Surfactants at Liquidâ€“Solid Interfaces. Journal of Physical Chemistry C, 2017, 121, 25908-25920.	3.1	39
9	Contact Angle, Liquid Film, and Liquidâ€“Liquid and Liquidâ€“Solid Interfaces in Model Oilâ€“Brineâ€“Substrate Systems. Journal of Physical Chemistry C, 2016, 120, 11910-11917.	3.1	59
10	Tunable Substrate Wettability by Thin Water Layer. Journal of Physical Chemistry C, 2016, 120, 24688-24696.	3.1	32
11	Enhanced Hydrate Nucleation near the Limit of Stability. Journal of Physical Chemistry C, 2015, 119, 8798-8804.	3.1	35
12	Induced Charge Density and Thin Liquid Film at Hydrate/Methane Gas Interfaces. Journal of Physical Chemistry C, 2014, 118, 26041-26048.	3.1	28
13	Nucleation of Methane Hydrates at Moderate Subcooling by Molecular Dynamics Simulations. Journal of Physical Chemistry C, 2014, 118, 11310-11318.	3.1	129
14	Electrokinetic properties of a restricted primitive model electrolyte in slit-like nanopores: Effects of enhanced ionic excluded volume. Journal of Molecular Liquids, 2013, 185, 76-82.	4.9	0
15	Polarity Inversion of Î¶-Potential in Concentrated Colloidal Dispersions. Journal of Physical Chemistry B, 2011, 115, 12094-12097.	2.6	13
16	Entropy effects in self-assembling mechanisms: Also a view from the information theory. Journal of Molecular Liquids, 2011, 164, 87-100.	4.9	11
17	Assisted crystal growing by tempering metastable vaporâ€“liquid fluids. Chemical Physics Letters, 2011, 501, 466-469.	2.6	5
18	Stability mechanisms for plate-like nanoparticles immersed in a macroion dispersion. Journal of Physics Condensed Matter, 2009, 21, 424107.	1.8	10

#	Article	IF	Citations
19	Electrokinetic properties of monovalent electrolytes confined in charged nanopores: Effect of geometry and ionic short-range correlations. Journal of Colloid and Interface Science, 2009, 330, 474-482.	9.4	4
20	Population Inversion of a NAHS Mixture Adsorbed into a Cylindrical Pore. Journal of Physical Chemistry C, 2008, 112, 18028-18033.	3.1	16
21	On the regimes of charge reversal. Journal of Chemical Physics, 2008, 128, 174701.	3.0	29
22	Van der Waals-Like Isotherms in a Confined Electrolyte by Spherical and Cylindrical Nanopores. Journal of Physical Chemistry B, 2007, 111, 2033-2044.	2.6	12
23	Hidden symmetries and thermodynamic properties for a harmonic oscillator plus an inverse square potential. International Journal of Quantum Chemistry, 2007, 107, 366-371.	2.0	84
24	Electrolyte distribution around two like-charged rods: Their effective attractive interaction and angular dependent charge reversal. Journal of Chemical Physics, 2006, 124, 134902.	3.0	31
25	A new correlation effect in the Helmholtz and surface potentials of the electrical double layer. Journal of Chemical Physics, 2004, 120, 9782-9792.	3.0	53
26	A Model Macroion Solution Next to a Charged Wall:Â Overcharging, Charge Reversal, and Charge Inversion by Macroions. Journal of Physical Chemistry B, 2004, 108, 7286-7296.	2.6	89
27	Simple Model for Semipermeable Membrane:â€‰ Donnan Equilibrium. Journal of Physical Chemistry B, 2004, 108, 1719-1730.	2.6	32
28	Ion pairing in model electrolytes: A study via three-particle correlation functions. Journal of Chemical Physics, 2003, 119, 4842-4856.	3.0	13
29	Overcharging of DNA in the Presence of Salt:Â Theory and Simulation. Journal of Physical Chemistry B, 2001, 105, 10983-10991.	2.6	117