

Epameinondas Leontidis

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62

papers

2,232

citations

28

h-index

46

g-index

64

ext. papers

2,315

ext. citations

5.2

avg, IF

5.09

L-index

#	Paper	IF	Citations
62	Hofmeister anion effects on surfactant self-assembly and the formation of mesoporous solids. <i>Current Opinion in Colloid and Interface Science</i> , 2002 , 7, 81-91	7.6	345
61	Effects of Hofmeister Anions on DPPC Langmuir Monolayers at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 15238-15245	3.4	139
60	Amino acids in AOT reversed micelles. 1. Determination of interfacial partition coefficients using the phase-transfer method. <i>The Journal of Physical Chemistry</i> , 1990 , 94, 6400-6411		120
59	Specific ion effects in electrical double layers: selective solubilization of cations in Aerosol-OT reversed micelles. <i>Langmuir</i> , 1989 , 5, 741-753	4	105
58	Amino acids in AOT reversed micelles. 2. The hydrophobic effect and hydrogen bonding as driving forces for interfacial solubilization. <i>The Journal of Physical Chemistry</i> , 1990 , 94, 6411-6420		93
57	Gold Colloids from Cationic Surfactant Solutions. 1. Mechanisms That Control Particle Morphology. <i>Langmuir</i> , 2002 , 18, 3659-3668	4	89
56	Effects of monovalent anions of the hofmeister series on DPPC lipid bilayers Part I: swelling and in-plane equations of state. <i>Biophysical Journal</i> , 2007 , 93, 1580-90	2.9	84
55	Composite Nanotubes Formed by Self-Assembly of PbS Nanoparticles. <i>Nano Letters</i> , 2003 , 3, 569-572	11.5	83
54	Effects of monovalent anions of the hofmeister series on DPPC lipid bilayers Part II: modeling the perpendicular and lateral equation-of-state. <i>Biophysical Journal</i> , 2007 , 93, 1591-607	2.9	57
53	Attraction of iodide ions by the free water surface, revealed by simulations with a polarizable force field based on Drude oscillators. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 17957-66	3.4	57
52	Amino acids in reversed micelles. 3. Dependence of the interfacial partition coefficient on excess phase salinity and interfacial curvature. <i>The Journal of Physical Chemistry</i> , 1991 , 95, 5943-5956		57
51	Liquid expanded monolayers of lipids as model systems to understand the anionic hofmeister series: 1. A tale of models. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 1447-59	3.4	53
50	Liquid expanded monolayers of lipids as model systems to understand the anionic hofmeister series: 2. Ion partitioning is mostly a matter of size. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 1460-7	3.4	50
49	A critical evaluation of novel algorithms for the off-lattice Monte Carlo simulation of condensed polymer phases. <i>Advances in Polymer Science</i> , 1994 , 283-318	1.3	50
48	Amino acids in reversed micelles. 4. Amino acids as cosurfactants. <i>The Journal of Physical Chemistry</i> , 1991 , 95, 5957-5965		49
47	Monolayers, bilayers and micelles of zwitterionic lipids as model systems for the study of specific anion effects. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 303, 144-158	5.1	47
46	Amphiphilic Polymer Conetworks Based on End-Linked Core-First-Block Star Block Copolymers: Structure Formation with Long-Range Order. <i>ACS Macro Letters</i> , 2015 , 4, 1163-1168	6.6	43

45	Monte Carlo algorithms for the atomistic simulation of condensed polymer phases. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1995 , 91, 2355		43
44	Vibrational sum frequency generation spectroscopic investigation of the interaction of thiocyanate ions with zwitterionic phospholipid monolayers at the air-water interface. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 14816-23	3.4	40
43	Can we use area per surfactant as a quantitative test model of specific ion effects?. <i>Current Opinion in Colloid and Interface Science</i> , 2004 , 9, 74-80	7.6	39
42	Chaotropic salts interacting with soft matter: Beyond the lyotropic series. <i>Current Opinion in Colloid and Interface Science</i> , 2016 , 23, 100-109	7.6	35
41	Investigations of the Hofmeister series and other specific ion effects using lipid model systems. <i>Advances in Colloid and Interface Science</i> , 2017 , 243, 8-22	14.3	34
40	Dissecting the stabilization of iodide at the air-water interface into components: A free energy analysis. <i>Chemical Physics Letters</i> , 2006 , 420, 199-203	2.5	34
39	From Colloidal Aggregates to Layered Nanosized Structures in Polymer-Surfactant Systems. 1. Basic Phenomena. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 4133-4144	3.4	34
38	The Mechanism of Spectral Shift and Inhomogeneous Broadening of an Aromatic Chromophore in a Polymer Glass. <i>Journal of the American Chemical Society</i> , 1995 , 117, 7493-7507	16.4	33
37	Double Networks Based on Amphiphilic Cross-Linked Star Block Copolymer First Conetworks and Randomly Cross-Linked Hydrophilic Second Networks. <i>Macromolecules</i> , 2016 , 49, 1731-1742	5.5	31
36	The ion-lipid battle for hydration water and interfacial sites at soft-matter interfaces. <i>Current Opinion in Colloid and Interface Science</i> , 2014 , 19, 2-8	7.6	31
35	Controlled production of ZnO nanoparticles from zinc glycerolate in a sol-gel silica matrix. <i>Journal of Colloid and Interface Science</i> , 2006 , 302, 246-53	9.3	30
34	Synthesis and characterization of reversible and self-healable networks based on acylhydrazone groups. <i>Polymer International</i> , 2014 , 63, 1558-1565	3.3	25
33	Effects of sodium salts of lyotropic anions on low-temperature, ordered lipid monolayers. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 14602-12	3.4	25
32	From Beads-on-a-String to Colloidal Aggregation: Novel Crystallization Phenomena in the PEO/SDS System. <i>Langmuir</i> , 1999 , 15, 3381-3385	4	24
31	Study of copper sulfide crystallization in PEO-SDS solutions. <i>Langmuir</i> , 2004 , 20, 5605-12	4	22
30	Bound states in a nonlinear Kronig - Penney model. <i>Journal of Physics A</i> , 1997 , 30, 4835-4849		21
29	Simple and accurate computations of solvatochromic shifts in $\pi \rightarrow \pi^*$ transitions of aromatic chromophores. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11229-36	16.4	19
28	Specific interactions of sodium salts with alanine dipeptide and tetrapeptide in water: insights from molecular dynamics. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 13389-400	3.4	18

27	Effects of average molecular charge on amino acid interfacial partitioning in reversed micelles. <i>Journal of Colloid and Interface Science</i> , 1991 , 147, 163-177	9.3	18
26	Stabilization of lead sulfide nanoparticles by polyamines in aqueous solutions. A structural study of the dispersions. <i>Langmuir</i> , 2010 , 26, 16909-20	4	16
25	Influence of nanoreactor environment and substrate location on the activity of horseradish peroxidase in olive oil based water-in-oil microemulsions. <i>Langmuir</i> , 2011 , 27, 2692-700	4	13
24	Normal and defective perylene substitution sites in alkane crystals. <i>Journal of Chemical Physics</i> , 2001 , 114, 3224-3235	3.9	13
23	Monte Carlo methodologies for enhanced configurational sampling of dense systems: motion of a spherical solute in a polymer melt as a model problem. <i>Molecular Physics</i> , 1994 , 83, 489-518	1.7	11
22	The Shpol'skii system perylene in n-hexane: A computational study of inclusion sites. <i>Journal of Chemical Physics</i> , 2000 , 112, 1995-2002	3.9	10
21	Bis(hydroxylamino)triazines: High Selectivity and Hydrolytic Stability of Hydroxylamine-Based Ligands for Uranyl Compared to Vanadium(V) and Iron(III). <i>Inorganic Chemistry</i> , 2018 , 57, 7631-7643	5.1	8
20	Helix formation by alanine-based peptides in pure water and electrolyte solutions: insights from molecular dynamics simulations. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 9866-76	3.4	7
19	Speed selection mechanism for propagating fronts in reaction-diffusion systems with multiple fields. <i>Physical Review E</i> , 2002 , 65, 026122	2.4	7
18	Emergence of approximate translation invariance in finite intervals as a speed selection mechanism for propagating fronts. <i>Physical Review E</i> , 2000 , 62, 7802-6	2.4	7
17	A normal-mode study of a polymer glass containing a chromophore impurity. <i>Journal of Chemical Physics</i> , 1996 , 104, 2401-2409	3.9	7
16	Semi-Interpenetrating Polymer Networks with Predefined Architecture for Metal Ion Fluorescence Monitoring. <i>Polymers</i> , 2016 , 8,	4.5	7
15	Organized Silica Films Generated by Evaporation-Induced Self-Assembly as Hosts for Iron Oxide Nanoparticles. <i>Materials</i> , 2013 , 6, 1467-1484	3.5	5
14	Sn:In ₂ O ₃ and Sn:In ₂ O ₃ /NiS ₂ Core/Shell Nanowires on Ni, Mo Foils and C Fibers for H ₂ and O ₂ Generation. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 27839-27848	3.8	5
13	Monolayer properties of surface-active metalorganic complexes with a tunable headgroup. <i>Journal of Colloid and Interface Science</i> , 2008 , 317, 544-55	9.3	5
12	NMR investigation of the interaction of vanadate with carbasilatrane in aqueous solutions. <i>Inorganic Chemistry</i> , 2005 , 44, 7511-22	5.1	5
11	Formation mechanism of nanotubes comprising layers of PbS nanoparticles in polymer-surfactant solutions. <i>Journal of Colloid and Interface Science</i> , 2006 , 302, 170-7	9.3	4
10	SnO ₂ /PbO _x (x = 1, 2) Core/Shell Nanowires and Their Growth on C-Fiber Networks for Energy Storage. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 25813-25821	3.8	4

9	Surprising effects of polymer-surfactant solutions on inorganic crystallization processes 2001 , 57-62		3
8	Towards the systematic design of multilayer O/W emulsions with tannic acid as an interfacial antioxidant.. <i>RSC Advances</i> , 2021 , 11, 23616-23626	3-7	2
7	Binding of lanthanide salts to zwitterionic phospholipid micelles. <i>Journal of Colloid and Interface Science</i> , 2019 , 557, 568-579	9-3	1
6	LangmuirBlodgett Films: Sensor and Biomedical Applications and Comparisons with the Layer-by-Layer Method 2016 , 181-208		1
5	Phospholipid Aggregates as Model Systems to Understand Ion-Specific Effects: Experiments and Models 2009 , 55-84		1
4	Optical properties of polyelectrolyte quantum dot multilayer films prepared using the layer by layer self-assembly method. <i>Journal of Applied Physics</i> , 2008 , 103, 083511	2-5	1
3	Simultaneous Determination of the Ionization Constant and the Solubility of Sparingly Soluble Drug Substances. A Physical Chemistry Experiment. <i>Journal of Chemical Education</i> , 2001 , 78, 786	2-4	1
2	The influence of lanthanide-(III)-nitrates on adsorbed monolayers of dodecylphosphorylcholine at the air-water interface. <i>Journal of Colloid and Interface Science</i> , 2019 , 548, 217-223	9-3	
1	Magnetic-field inversion in vortices in multilayers. <i>Physical Review B</i> , 1997 , 56, 14143-14148	3-3	