

Álvaro González García

List of Publications by Year in descending order

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24
papers

238
citations

1040056

9
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996975

15
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all docs

25
docs citations

25
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of polymer nonideality on depletion-induced phase behaviour of colloidal disks and rods. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 144008.	1.8	0
2	Co-assembly of precision polyurethane ionomers reveals role of and interplay between individual components. <i>Polymer Chemistry</i> , 2021, 12, 2891-2903.	3.9	5
3	Coarse graining and adsorption in bottlebrush colloid mixtures. <i>Soft Matter</i> , 2021, 17, 3681-3687.	2.7	4
4	Multiphase Coexistences in Rod-Polymer Mixtures. <i>Langmuir</i> , 2021, 37, 11582-11591.	3.5	4
5	(Homo)polymer-mediated colloidal stability of micellar solutions. <i>Soft Matter</i> , 2020, 16, 1560-1571.	2.7	7
6	Polymer-mediated colloidal stability: on the transition between adsorption and depletion. <i>Advances in Colloid and Interface Science</i> , 2020, 275, 102077.	14.7	27
7	Directional-dependent pockets drive columnar-columnar coexistence. <i>Soft Matter</i> , 2020, 16, 6720-6724.	2.7	3
8	Defying the Gibbs Phase Rule: Evidence for an Entropy-Driven Quintuple Point in Colloid-Polymer Mixtures. <i>Physical Review Letters</i> , 2020, 125, 127803.	7.8	21
9	Phase stability of dispersions of hollow silica nanocubes mediated by non-adsorbing polymers. <i>European Physical Journal E</i> , 2020, 43, 38.	1.6	7
10	Scattering from colloidal cubic silica shells: Part II, static structure factors and osmotic equation of state. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 267-274.	9.4	7
11	Quantification of the Structure of Colloidal Gas-Liquid Interfaces. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8372-8377.	4.6	0
12	Quantification of the Structure of Colloidal Gas-Liquid Interfaces. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8372-8377.	4.6	4
13	Polymer-Mediated Phase Stability of Colloids. <i>Springer Theses</i> , 2019, , .	0.1	2
14	Controlling the Spatial Distribution of Solubilized Compounds within Copolymer Micelles. <i>Langmuir</i> , 2019, 35, 4776-4786.	3.5	20
15	Micellization of a weakly charged surfactant in aqueous salt solution: Self-consistent field theory and experiments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 561, 201-208.	4.7	12
16	On the Colloidal Stability of Association Colloids. <i>Springer Theses</i> , 2019, , 113-129.	0.1	0
17	A roadmap for poly(ethylene oxide)-block-poly(ϵ -caprolactone) self-assembly in water: Prediction, synthesis, and characterization. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 330-339.	2.1	24
18	Phase behaviour of colloidal superballs mixed with non-adsorbing polymers. <i>European Physical Journal E</i> , 2018, 41, 110.	1.6	9

#	ARTICLE	IF	CITATIONS
19	On the Colloidal Stability of Spherical Copolymeric Micelles. ACS Omega, 2018, 3, 17976-17985.	3.5	8
20	Depletion-driven four-phase coexistences in discotic systems. Molecular Physics, 2018, 116, 2757-2772.	1.7	17
21	Isostructural solid–solid coexistence of colloid–polymer mixtures. Chemical Physics Letters, 2018, 709, 16-20.	2.6	8
22	Entropic patchiness drives multi-phase coexistence in discotic colloid–depletant mixtures. Scientific Reports, 2017, 7, 17058.	3.3	10
23	Tuning the phase diagram of colloid-polymer mixtures via Yukawa interactions. Physical Review E, 2016, 94, 062607.	2.1	9
24	Decreased Interfacial Tension of Demixed Aqueous Polymer Solutions due to Charge. Physical Review Letters, 2015, 115, 078303.	7.8	30