

Emmanuel Stiakakis

List of Publications by Year in descending order

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22
papers

686
citations

623734

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713466

21
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22
all docs

22
docs citations

22
times ranked

573
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric caging in soft colloidal mixtures. <i>Nature Materials</i> , 2008, 7, 780-784.	27.5	116
2	Polymer-Mediated Melting in Ultrasoft Colloidal Gels. <i>Physical Review Letters</i> , 2002, 89, 208302.	7.8	88
3	Reversible Thermal Gelation in Star Polymers: An Alternative Route to Jamming of Soft Matter. <i>Macromolecules</i> , 2001, 34, 8216-8223.	4.8	66
4	Depletion and cluster formation in soft colloid - polymer mixtures. <i>Europhysics Letters</i> , 2005, 72, 664-670.	2.0	64
5	Kinetic arrest of crowded soft spheres in solvents of varying quality. <i>Physical Review E</i> , 2002, 66, 051804.	2.1	49
6	A thermodynamically consistent model for the thixotropic behavior of concentrated star polymer suspensions. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2008, 152, 76-85.	2.4	41
7	Smectic phase in suspensions of gapped DNA duplexes. <i>Nature Communications</i> , 2016, 7, 13358.	12.8	38
8	Osmotic shrinkage in star/linear polymer mixtures. <i>European Physical Journal E</i> , 2010, 32, 127-134.	1.6	37
9	Slow dynamics, aging, and crystallization of multiarm star glasses. <i>Physical Review E</i> , 2010, 81, 020402.	2.1	36
10	Thermal Jamming in Colloidal Star-Linear Polymer Mixtures. <i>Langmuir</i> , 2003, 19, 6645-6649.	3.5	28
11	Direct Visualization of Conformation and Dense Packing of DNA-Based Soft Colloids. <i>Physical Review Letters</i> , 2014, 113, 268303.	7.8	22
12	Self assembling cluster crystals from DNA based dendritic nanostructures. <i>Nature Communications</i> , 2021, 12, 7167.	12.8	19
13	Rheological transitions in asymmetric colloidal star mixtures. <i>Rheologica Acta</i> , 2007, 46, 611-619.	2.4	18
14	Clustering of soft colloids due to polymer additives. <i>Journal of Physics Condensed Matter</i> , 2005, 17, S3363-S3369.	1.8	16
15	Model-Free Rheo-AFM Probes the Viscoelasticity of Tunable DNA Soft Colloids. <i>Small</i> , 2019, 15, e1904136.	10.0	12
16	Structure and stimuli-responsiveness of all-DNA dendrimers: theory and experiment. <i>Nanoscale</i> , 2019, 11, 1604-1617.	5.6	12
17	Self-Assembly of All-DNA Rods with Controlled Patchiness. <i>Small</i> , 2022, 18, e2104510.	10.0	8
18	DNA Self-Assembly Mediated by Programmable Soft-Patchy Interactions. <i>ACS Nano</i> , 2020, 14, 13524-13535.	14.6	6

#	ARTICLE	IF	CITATIONS
19	Probing glassy states in binary mixtures of soft interpenetrable colloids. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 234116.	1.8	4
20	Blunt-End Driven Re-entrant Ordering in Quasi Two-Dimensional Dispersions of Spherical DNA Brushes. <i>ACS Nano</i> , 2022, 16, 2133-2146.	14.6	4
21	Synthesis and characterization of low molar mass end-functionalized homo- and copolymers with ureidopyrimidone, UPy groups. <i>Colloid and Polymer Science</i> , 2020, 298, 637-651.	2.1	2
22	Suppressed twist in droplets of cholesteric rod-like virus as identified by single particle imaging. <i>Liquid Crystals</i> , 2021, 48, 746-755.	2.2	0