

Edward John Sambriski

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

277
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	The generalized continuous multiple step (GCMS) potential: model systems and benchmarks. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 184002.	1.8	3
2	Self-Assembly of core-corona colloids under cylindrical confinement: A Monte Carlo study. <i>Journal of Molecular Liquids</i> , 2021, 335, 116219.	4.9	7
3	Defect-mediated colloidal interactions in a nematic-phase discotic solvent. <i>RSC Advances</i> , 2019, 9, 33413-33427.	3.6	7
4	Induced stabilization of columnar phases in binary mixtures of discotic liquid crystals. <i>Soft Matter</i> , 2016, 12, 1295-1312.	2.7	15
5	Molecular aspect ratio and anchoring strength effects in a confined Gay-Berne liquid crystal. <i>Molecular Physics</i> , 2014, 112, 1149-1159.	1.7	19
6	Phase equilibria, fluid structure, and diffusivity of a discotic liquid crystal. <i>Soft Matter</i> , 2014, 10, 3171.	2.7	19
7	Structure and Translational Diffusion in Liquid Crystalline Phases of a Gay-Berne Mesogen: A Molecular Dynamics Study. <i>Environmental Science and Engineering</i> , 2012, , 25-38.	0.2	3
8	Liquid-crystal-mediated self-assembly at nanodroplet interfaces. <i>Nature</i> , 2012, 485, 86-89.	27.8	91
9	Molecular pathways in DNA-DNA hybridization of surface-bound oligonucleotides. <i>Soft Matter</i> , 2011, 7, 560-566.	2.7	23
10	Effects of anchoring strength on the diffusivity of nanoparticles in model liquid-crystalline fluids. <i>Soft Matter</i> , 2011, 7, 6828.	2.7	37
11	Association Free Energy of DNA Oligonucleotides from Expanded Ensembles. , 2010, , .		0
12	Uncovering pathways in DNA oligonucleotide hybridization via transition state analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18125-18130.	7.1	53