Edward John Sambriski

List of Publications by Year
in descending order

12	277	1307594 7	1281871 11
papers	citations	h-index	g-index

12	12	12	379
all docs	docs citations	times ranked	citing authors

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