

Massimiliano Chiappini

List of Publications by Year in descending order

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papers

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citations

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docs citations

8
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163
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the cholesteric pitch of apolar cellulose nanocrystal suspensions using a chiral hard-bundle model. <i>Journal of Chemical Physics</i> , 2022, 156, 014904.	3.0	17
2	Spontaneous organization of supracolloids into three-dimensional structured materials. <i>Nature Materials</i> , 2021, 20, 541-547.	27.5	19
3	A generalized density-modulated twist-splay-bend phase of banana-shaped particles. <i>Nature Communications</i> , 2021, 12, 2157.	12.8	17
4	Helicoidal dynamics of biaxial curved rods in twist-bend nematic phases unveiled by unsupervised machine learning techniques. <i>Physical Review E</i> , 2020, 102, 040601.	2.1	15
5	Shaping colloidal bananas to reveal biaxial, splay-bend nematic, and smectic phases. <i>Science</i> , 2020, 369, 950-955.	12.6	50
6	Speeding up Dynamics by Tuning the Noncommensurate Size of Rodlike Particles in a Smectic Phase. <i>Physical Review Letters</i> , 2020, 124, 087801.	7.8	14
7	Biaxial, Twist-bend, and Splay-bend Nematic Phases of Banana-shaped Particles Revealed by Lifting the "Smectic Blanket". <i>Physical Review Letters</i> , 2019, 123, 068001.	7.8	41
8	On the stability and finite-size effects of a columnar phase in single-component systems of hard-rod-like particles. <i>Molecular Physics</i> , 2018, 116, 2792-2805.	1.7	18