

Delphine Coursault

List of Publications by Year in descending order

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14
papers

527
citations

933447

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured silica spin-orbit optics for modal vortex beam shaping. <i>Nanophotonics</i> , 2022, 11, 805-812.	6.0	6
2	Kinked row-induced chirality driven by molecule-substrate interactions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 7259-7267.	2.8	4
3	From Chains to Monolayers: Nanoparticle Assembly Driven by Smectic Topological Defects. <i>Nano Letters</i> , 2020, 20, 1598-1606.	9.1	19
4	Dynamics of the Optically Directed Assembly and Disassembly of Gold Nanoplatelet Arrays. <i>Nano Letters</i> , 2018, 18, 3391-3399.	9.1	20
5	Reactive optical matter: light-induced motility in electrodynamically asymmetric nanoscale scatterers. <i>Light: Science and Applications</i> , 2018, 7, 105.	16.6	26
6	Dispersions of Goethite Nanorods in Aprotic Polar Solvents. <i>Materials</i> , 2017, 10, 1191.	2.9	5
7	Self-organized arrays of dislocations in thin smectic liquid crystal films. <i>Soft Matter</i> , 2016, 12, 678-688.	2.7	35
8	Alignment of Rod-Shaped Single-Photon Emitters Driven by Line Defects in Liquid Crystals. <i>Advanced Functional Materials</i> , 2015, 25, 1719-1726.	14.9	37
9	Trapping of gold nanoparticles within arrays of topological defects: evolution of the LSPR anisotropy. <i>Rendiconti Lincei</i> , 2015, 26, 183-191.	2.2	1
10	Tailoring Anisotropic Interactions between Soft Nanospheres Using Dense Arrays of Smectic Liquid Crystal Edge Dislocations. <i>ACS Nano</i> , 2015, 9, 11678-11689.	14.6	33
11	Modeling the optical properties of self-organized arrays of liquid crystal defects. <i>Optics Express</i> , 2014, 22, 23182.	3.4	13
12	Gold nanoparticle self-assembly moderated by a cholesteric liquid crystal. <i>Soft Matter</i> , 2013, 9, 9366.	2.7	37
13	Ordering nano- and microparticles assemblies with liquid crystals. <i>Liquid Crystals Reviews</i> , 2013, 1, 83-109.	4.1	148
14	Linear Self-Assembly of Nanoparticles Within Liquid Crystal Defect Arrays. <i>Advanced Materials</i> , 2012, 24, 1461-1465.	21.0	143