Delphine Coursault

List of Publications by Year
in descending order

14 papers	527 citations	933447 10 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	675 citing authors

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