

# Angel Martinez

## List of Publications by Year in descending order

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15  
papers

925  
citations

759233

12  
h-index

1058476

14  
g-index

15  
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15  
docs citations

15  
times ranked

1437  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topography from Topology: Photoinduced Surface Features Generated in Liquid Crystal Polymer Networks. <i>Advanced Materials</i> , 2013, 25, 5880-5885.	21.0	194
2	Liquid crystals of aqueous, giant graphene oxide flakes. <i>Soft Matter</i> , 2011, 7, 11154.	2.7	175
3	Mutually tangled colloidal knots and induced defect loops in nematic fields. <i>Nature Materials</i> , 2014, 13, 258-263.	27.5	158
4	Large-area optoelastic manipulation of colloidal particles in liquid crystals using photoresponsive molecular surface monolayers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 20891-20896.	7.1	79
5	Deposition and drying dynamics of liquid crystal droplets. <i>Nature Communications</i> , 2017, 8, 15642.	12.8	66
6	Chiral liquid crystal colloids. <i>Nature Materials</i> , 2018, 17, 71-79.	27.5	62
7	Three-dimensional patterning of solid microstructures through laser reduction of colloidal graphene oxide in liquid-crystalline dispersions. <i>Nature Communications</i> , 2015, 6, 7157.	12.8	56
8	Shape-dependent dispersion and alignment of nonaggregating plasmonic gold nanoparticles in lyotropic and thermotropic liquid crystals. <i>Physical Review E</i> , 2014, 89, 052505.	2.1	33
9	Linked topological colloids in a nematic host. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4546-4551.	7.1	32
10	Three-dimensional complex-shaped photopolymerized microparticles at liquid crystal interfaces. <i>Soft Matter</i> , 2012, 8, 2432.	2.7	21
11	Light-driven dynamic Archimedes spirals and periodic oscillatory patterns of topological solitons in anisotropic soft matter. <i>Optics Express</i> , 2015, 23, 4591.	3.4	19
12	Anchoring strength measurements of a lyotropic chromonic liquid crystal on rubbed polyimide surfaces. <i>Liquid Crystals</i> , 2017, 44, 1165-1172.	2.2	13
13	Brownian Dynamics of Particles "Dressed" by Chiral Director Configurations in Lyotropic Chromonic Liquid Crystals. <i>Physical Review Letters</i> , 2018, 121, 177801.	7.8	10
14	Thermomechanically active electrodes power work-dense soft actuators. <i>Soft Matter</i> , 2021, 17, 1521-1529.	2.7	7
15	Liquid-Crystal Polymers: Topography from Topology: Photoinduced Surface Features Generated in Liquid Crystal Polymer Networks ( <i>Adv. Mater.</i> 41/2013). <i>Advanced Materials</i> , 2013, 25, 5830-5830.	21.0	0