

Roberto Bartolino

List of Publications by Year in descending order

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papers

589
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840776

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18
times ranked

519
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermo-Plasmonic Killing of Escherichia coli TG1 Bacteria. <i>Materials</i> , 2019, 12, 1530.	2.9	27
2	Battling absorptive losses by plasmon–exciton coupling in multimeric nanostructures. <i>RSC Advances</i> , 2015, 5, 53245-53254.	3.6	12
3	Gain-assisted plasmonic metamaterials: mimicking nature to go across scales. <i>Rendiconti Lincei</i> , 2015, 26, 161-174.	2.2	12
4	Plasmonic Thermometer Based on Thermotropic Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 614, 93-99.	0.9	11
5	General Purpose Soft Template for Photonic Applications: From All-Optical to Electrical Reconfigurability. <i>Molecular Crystals and Liquid Crystals</i> , 2012, 553, 147-152.	0.9	1
6	Universal soft matter template for photonic applications. <i>Soft Matter</i> , 2011, 7, 3739.	2.7	37
7	Chiral Materials: Chiral Self-Assembled Solid Microspheres: A Novel Multifunctional Microphotonic Device (<i>Adv. Mater.</i> 48/2011). <i>Advanced Materials</i> , 2011, 23, 5704-5704.	21.0	4
8	Fast Electro-Optical Device Based on Chiral Liquid Crystals Encapsulated in Periodic Polymer Channels. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 525, 41-49.	0.9	3
9	Thermal induced changes of lead zirconium titanate films and their consequences for liquid crystal devices applications. <i>Philosophical Magazine</i> , 2010, 90, 2223-2233.	1.6	0
10	Short pitch cholesteric electro-optical device based on periodic polymer structures. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	60
11	The influence of drying temperature on the close packed structure of silanized monolayers deposited on indium tin oxide (ITO) substrates. <i>Journal of Materials Research</i> , 2009, 24, 2784-2794.	2.6	3
12	Ellipsometry investigation of the effects of annealing temperature on the optical properties of indium tin oxide thin films studied by Drude–Lorentz model. <i>Applied Surface Science</i> , 2009, 255, 7203-7211.	6.1	70
13	Thermally induced modifications of the optic properties of lead zirconate titanate thin films obtained on different substrates by sol-gel synthesis. <i>Journal of Applied Physics</i> , 2008, 104, 123522.	2.5	5
14	Cholesteric Liquid Crystal Mixtures Sensitive to Different Ranges of Solar UV Irradiation. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 434, 25/[353]-38/[366].	0.9	30
15	Widely tunable ultraviolet-visible liquid crystal laser. <i>Applied Physics Letters</i> , 2005, 86, 051107.	3.3	118
16	Laser emission from a dye-doped cholesteric liquid crystal pumped by another cholesteric liquid crystal laser. <i>Applied Physics Letters</i> , 2004, 85, 3378-3380.	3.3	29
17	Phototunable lasing in dye-doped cholesteric liquid crystals. <i>Applied Physics Letters</i> , 2003, 83, 5353-5355.	3.3	141
18	Probing the inner surface of a capillary with the atomic force microscope. <i>Electrophoresis</i> , 1995, 16, 1445-1450.	2.4	26