Roberto Bartolino

List of Publications by Year
in descending order

18	589	840776 11	888059 17
papers	citations	h-index	g-index

18	18	18	519
all docs	docs citations	times ranked	citing authors

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