

Georgi B Hadjichristov

List of Publications by Year in descending order

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158
citing authors

#	ARTICLE	IF	CITATIONS
1	Glassy-State Discotic Liquid Crystals and Their Nanocomposites with Single-Walled Carbon Nanotubes: DSC and Optical Absorption. , 2021, , .		0
2	Electrical Impedance Spectroscopy-Based Detection and Quantification of Methanol Vapors by Use of Phospholipid Langmuir-Blodgett Film. , 2021, , .		0
3	Ion-Conducting Flexible Thin Films of Composites from Poly(ethylene oxide) and Nematic Liquid Crystals E8 Characterization by Impedance and Dielectric Relaxation Spectroscopy. Polymers, 2021, 13, 4465.	4.5	4
4	Thermal properties and structure of nematic liquid crystalline polymer nanocomposite with single wall carbon nanotubes. AIP Conference Proceedings, 2019, , .	0.4	0
5	UV light enhanced confined Fréedericksz transition in photoisomerizable nematic nanocomposite with photoactive molecules of azobenzene nematic liquid crystal. AIP Conference Proceedings, 2019, , .	0.4	0
6	Ion electrolytic flexible composite from poly(ethylene oxide) and E8 nematic liquid crystals. AIP Conference Proceedings, 2019, , .	0.4	1
7	Graphene-nematic liquid crystal E7 nanocomposite: The effect from nanodopants. AIP Conference Proceedings, 2019, , .	0.4	3
8	PEO-PVP-NaIO ₄ Ion-Conducting Polymer Electrolyte: Inspection for Ionic Space Charge Polarization and Charge Trapping. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800739.	1.8	6
9	Luminescence of iridium complexes upon short laser pulses. , 2019, , .		0
10	Electrically and spatially controllable PDLC phase gratings for diffraction and modulation of laser beams. AIP Conference Proceedings, 2016, , .	0.4	0
11	Electro-Optics of Nematic/Gold Nanoparticles Composites: The Effect from Dopants. Molecular Crystals and Liquid Crystals, 2015, 610, 135-148.	0.9	4
12	Electro-optically responsive composites of gold nanospheres in 5CB liquid crystal under direct current and alternating current joint action. Journal of Applied Physics, 2014, 115, 083107.	2.5	18
13	Ellipsometrical characterization of complex refractive index depth profile of 50 keV silicon ion implanted PMMA. Vacuum, 2013, 94, 19-25.	3.5	7
14	Laser characterization of the depth profile of complex refractive index of PMMA implanted with 50 keV silicon ions. Proceedings of SPIE, 2013, , .	0.8	2
15	Depth-profiled characterization of complex refractive index of ion implanted optically transparent polymers using multilayer calculations and reflectance data. Vacuum, 2012, 86, 1822-1827.	3.5	8
16	Interferometric pump-probe characterization of the nonlocal response of optically transparent ion implanted polymers. Applied Surface Science, 2012, 258, 4770-4776.	6.1	1
17	Gradient polymer-disposed liquid crystal single layer of large nematic droplets for modulation of laser light. Applied Optics, 2011, 50, 2326.	2.1	15
18	Orientation of sp ² carbon nanoclusters in ion-implanted polymethylmethacrylate as revealed by polarized Raman spectroscopy. Journal of Raman Spectroscopy, 2011, 42, 1340-1343.	2.5	18

#	ARTICLE	IF	CITATIONS
19	Single-layered PDLC films for electrically variable laser light reflection application. <i>Optics and Lasers in Engineering</i> , 2010, 48, 1161-1165.	3.8	6
20	The luminescence response of Eu(III)-thenoyltrifluoroacetate complexes upon preresonant excitation with femtosecond laser pulses. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 448-452.	3.9	7
21	Single-Layered PDLC for Diffractive Optics. <i>Molecular Crystals and Liquid Crystals</i> , 2010, 525, 128-139.	0.9	13
22	Ion-implanted polymethyl methacrylate beam splitter/coupler for 155 nm applications. <i>Applied Optics</i> , 2010, 49, 1876.	2.1	7
23	Linear size gradient single layers of polymer-dispersed liquid crystal micrometer-sized droplets for diffractive optics. <i>Optical Materials</i> , 2009, 31, 1578-1585.	3.6	15
24	Optical reflectivity study of silicon ion implanted poly(methyl methacrylate). <i>Applied Surface Science</i> , 2009, 256, 779-786.	6.1	20
25	Characterization of Chemical Bonding in Ion-Implanted Polymers by Means of Mid-Infrared Reflectivity. <i>Applied Spectroscopy</i> , 2009, 63, 1022-1026.	2.2	11
26	Reflectivity modification of polymethylmethacrylate by silicon ion implantation. <i>Applied Surface Science</i> , 2008, 254, 4820-4827.	6.1	42