

Haider Butt

List of Publications by Year in descending order

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177
papers

5,939
citations

71782

41
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89219

70
g-index

182
all docs

182
docs citations

182
times ranked

6653
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver Nanoparticle-Loaded Contact Lenses for Blue-Yellow Color Vision Deficiency. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2022, 219, 2100294.	1.8	14
2	3D printed contact lenses for the management of color blindness. <i>Additive Manufacturing</i> , 2022, 49, 102464.	3.1	12
3	4D printed thermochromic Fresnel lenses for sensing applications. <i>Composites Part B: Engineering</i> , 2022, 230, 109514.	12.1	17
4	Photo- and Electrochemical Dual-Responsive Iridium Probe for Saccharide Detection. <i>Chemistry - A European Journal</i> , 2022, 28, e202103541.	3.6	8
5	Optical Hydrogel Detector for pH Measurements. <i>Biosensors</i> , 2022, 12, 40.	4.8	7
6	Smart 3D Printed Hydrogel Skin Wound Bandages: A Review. <i>Polymers</i> , 2022, 14, 1012.	4.5	54
7	Wearable Smart Contact Lenses for Continual Glucose Monitoring: A Review. <i>Frontiers in Medicine</i> , 2022, 9, 858784.	2.7	8
8	Syntheses of Gold and Silver Nanocomposite Contact Lenses via Chemical Volumetric Modulation of Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2111-2120.	5.3	8
9	Rapid Colorimetric pH-Responsive Gold Nanocomposite Hydrogels for Sensing Applications. <i>Nanomaterials</i> , 2022, 12, 1486.	4.2	5
10	Development of 3D-Printed Glasses for Color Vision Deficiency. <i>Advanced Engineering Materials</i> , 2022, 24, .	3.4	12
11	Nanostructured Photonic Hydrogels for Real-Time Alcohol Detection. <i>ACS Applied Nano Materials</i> , 2022, 5, 7744-7753.	5.2	9
12	Compliant Mechanism-Based Sensor for Large Strain Measurements Employing Fiber Optics. <i>Sensors</i> , 2022, 22, 3987.	3.9	5
13	Fabrication of 5D Fresnel Lenses via Additive Manufacturing. <i>ACS Materials Au</i> , 2022, 2, 602-613.	5.7	4
14	3D-Printed Holographic Fresnel Lenses. <i>Advanced Engineering Materials</i> , 2022, 24, .	3.4	2
15	Optical Fiber Sensors: Working Principle, Applications, and Limitations. <i>Advanced Photonics Research</i> , 2022, 3, .	3.7	25
16	3D printed polymer composite optical fiber for sensing applications. <i>Additive Manufacturing</i> , 2022, 58, 102996.	3.1	5
17	Contact Lenses for Color Vision Deficiency. <i>Advanced Materials Technologies</i> , 2021, 6, 2000797.	6.1	20
18	Prospects for Additive Manufacturing in Contact Lens Devices. <i>Advanced Engineering Materials</i> , 2021, 23, .	3.4	28

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19	Smartphone-based colorimetric detection system for portable health tracking. <i>Analytical Methods</i> , 2021, 13, 4361-4369.	2.7	28
20	Strain -multiplexing optical-tuning based on single-pulsed holographic nanostructures. <i>Nanoscale</i> , 2021, 13, 14609-14620.	5.8	1
21	3D Printed Contact Lenses. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 794-803.	5.3	46
22	Strainâ€Multiplex Metalens Array for Tunable Focusing and Imaging. <i>Advanced Science</i> , 2021, 8, 2003394.	12.1	13
23	Metalens sensors: Strainâ€Multiplex Metalens Array for Tunable Focusing and Imaging (<i>Adv. Sci.</i> 4/2021). <i>Advanced Science</i> , 2021, 8, 2170019.	12.1	0
24	Gold Nanocomposite Contact Lenses for Color Blindness Management. <i>ACS Nano</i> , 2021, 15, 4870-4880.	15.1	53
25	Doubly Photopolymerized Holographic Sensors. <i>ACS Sensors</i> , 2021, 6, 915-924.	8.0	13
26	Direct Printing of Nanostructured Holograms on Consumable Substrates. <i>ACS Nano</i> , 2021, 15, 2340-2349.	15.1	11
27	Magnetic Internal Corrosion Detection Sensor for Exposed Oil Storage Tanks. <i>Sensors</i> , 2021, 21, 2457.	3.9	4
28	Ophthalmic Sensors and Drug Delivery. <i>ACS Sensors</i> , 2021, 6, 2046-2076.	8.0	32
29	3D printing of Fresnel lenses with wavelength selective tinted materials. <i>Additive Manufacturing</i> , 2021, 47, 102281.	3.1	5
30	Testing the viability of measuring intraocular pressure using soundwaves from a smartphone. <i>Engineering Reports</i> , 2021, 3, e12355.	1.7	3
31	Probing Transferrin Receptor Overexpression in Gastric Cancer Mice Models. <i>ACS Omega</i> , 2021, 6, 29893-29904.	3.6	6
32	Wearable Bifocal Contact Lens for Continual Glucose Monitoring Integrated with Smartphone Readers. <i>Small</i> , 2021, 17, e2102876.	11.0	20
33	<i>Ficus benghalensis</i> as Potential Inhibitor of 5Î±-Reductase for Hair Growth Promotion: In Vitro, In Silico, and In Vivo Evaluation. <i>Frontiers in Pharmacology</i> , 2021, 12, 774583.	3.7	1
34	Scleral Lens Sensor for Ocular Electrolyte Analysis. <i>Advanced Materials</i> , 2020, 32, e1906762.	23.5	30
35	Integration of paper microfluidic sensors into contact lenses for tear fluid analysis. <i>Lab on A Chip</i> , 2020, 20, 3970-3979.	6.0	49
36	Fluorescent dermal tattoo biosensors for electrolyte analysis. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128378.	8.0	15

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37	Ophthalmic Wearable Devices for Color Blindness Management. <i>Advanced Materials Technologies</i> , 2020, 5, 1901134.	6.1	34
38	Multimaterial and multifunctional neural interfaces: from surface-type and implantable electrodes to fiber-based devices. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6624-6666.	6.0	41
39	<p>Healthcare Applications of pH-Sensitive Hydrogel-Based Devices: A Review</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3887-3901.	6.5	79
40	Surface modification and cytotoxicity of Mg-based bio-alloys: An overview of recent advances. <i>Journal of Alloys and Compounds</i> , 2020, 825, 154140.	5.6	68
41	Cost-Efficient Printing of Graphene Nanostructures on Smart Contact Lenses. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10820-10828.	8.3	13
42	Up-Conversion Device Based on Quantum Dots With High-Conversion Efficiency Over 6%. <i>IEEE Access</i> , 2020, 8, 71041-71049.	4.3	9
43	Density Functional Theory, Chemical Reactivity, Pharmacological Potential and Molecular Docking of Dihydrothiouracil-Indenopyridopyrimidines with Human-DNA Topoisomerase II. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1253.	4.2	28
44	Structural colouration in the Himalayan monal, hydrophobicity and refractive index modulated sensing. <i>Nanoscale</i> , 2020, 12, 21409-21419.	5.8	6
45	Colonoscopy technologies for diagnostics and drug delivery. <i>Medical Devices & Sensors</i> , 2019, 2, e10041.	2.8	4
46	Conformable Holographic Photonic Ink Sensors Based on Adhesive Tapes for Strain Measurements. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 29147-29157.	8.3	3
47	Diffraction Surface Patterns through Single-Shot Nanosecond-Pulsed Laser Ablation. <i>ACS Photonics</i> , 2019, 6, 1572-1580.	6.8	8
48	Highly Flexible, Stretchable, and Tunable Optical Diffusers with Mechanically Switchable Wettability Surfaces. <i>ACS Central Science</i> , 2019, 5, 1002-1009.	11.8	16
49	Dermal Tattoo Biosensors for Colorimetric Metabolite Detection. <i>Angewandte Chemie</i> , 2019, 131, 10616-10623.	2.0	23
50	Dermal Tattoo Biosensors for Colorimetric Metabolite Detection. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10506-10513.	14.5	53
51	Real-time optical fiber sensors based on light diffusing microlens arrays. <i>Lab on A Chip</i> , 2019, 19, 2060-2070.	6.0	43
52	Lateral and Vertical Flow Assays for Point-of-Care Diagnostics. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900244.	8.3	115
53	Hydrogel optical fibers for continuous glucose monitoring. <i>Biosensors and Bioelectronics</i> , 2019, 137, 25-32.	10.4	68
54	Capillary flow in microchannel circuitry of scleral lenses. <i>RSC Advances</i> , 2019, 9, 11186-11193.	3.7	4

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55	Subwavelength Direct Laser Nanopatterning Via Microparticle Arrays for Functionalizing Metallic Surfaces. <i>Journal of Micro and Nano-Manufacturing</i> , 2019, 7, .	0.8	4
56	Market and Patent Analyses of Wearables in Medicine. <i>Trends in Biotechnology</i> , 2019, 37, 563-566.	8.1	55
57	Laser Inscription of Microfluidic Devices for Biological Assays. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 12253-12260.	8.3	13
58	Contact lenses for continuous corneal temperature monitoring. <i>RSC Advances</i> , 2019, 9, 11433-11442.	3.7	44
59	Anthocyanin-Functionalized Contact Lens Sensors for Ocular pH Monitoring. <i>ACS Omega</i> , 2019, 4, 21792-21798.	3.6	52
60	Remote Thermal Sensing by Integration of Corner Cube Optics and Thermochromic Materials. <i>Advanced Optical Materials</i> , 2019, 7, 1801013.	7.8	16
61	Microfluidic Contact Lenses. <i>Small</i> , 2018, 14, e1704363.	11.0	56
62	Structural Coloration in <i>Columba nicobarica</i> Pigeons and Refractive Index Modulated Sensing. <i>Advanced Optical Materials</i> , 2018, 6, 1701218.	7.8	7
63	Laser-Induced Surface Modification of Contact Lenses. <i>Advanced Engineering Materials</i> , 2018, 20, 1700963.	3.4	0
64	Direct Laser Writing of Nanophotonic Structures on Contact Lenses. <i>ACS Nano</i> , 2018, 12, 5130-5140.	15.1	34
65	Flexible corner cube retroreflector array for temperature and strain sensing. <i>RSC Advances</i> , 2018, 8, 7588-7598.	3.7	9
66	Energy Landscape of Vertically Anisotropic Polymer Blend Films toward Highly Efficient Polymer Light-Emitting Diodes (PLEDs). <i>Advanced Functional Materials</i> , 2018, 28, 1705903.	16.2	3
67	Functionalized Flexible Soft Polymer Optical Fibers for Laser Photomedicine. <i>Advanced Optical Materials</i> , 2018, 6, 1701118.	7.8	48
68	Contact Lenses for Color Blindness. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800152.	8.3	45
69	Laser inscription of pseudorandom structures for microphotonic diffuser applications. <i>Nanoscale</i> , 2018, 10, 7095-7107.	5.8	19
70	Glucose Sensing with Phenylboronic Acid Functionalized Hydrogel-Based Optical Diffusers. <i>ACS Nano</i> , 2018, 12, 2283-2291.	15.1	151
71	Fabrication of TiO ₂ Thin Film-Based Fresnel Zone Plates by Nanosecond Laser Direct Writing. <i>Journal of Micro and Nano-Manufacturing</i> , 2018, 6, .	0.8	6
72	Laser Interference Lithography for the Nanofabrication of Stimuli-Responsive Bragg Stacks. <i>Advanced Functional Materials</i> , 2018, 28, 1702715.	16.2	34

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73	30 s Response Time of K ⁺ Ion-Selective Hydrogels Functionalized with 18-Crown-6 Ether Based on QCM Sensor. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700873.	8.3	15
74	Highly Efficient Energy Transfer in Light Emissive Poly(9,9-dioctylfluorene) and Poly(<i>p</i> -phenylenevinylene) Blend System. <i>ACS Photonics</i> , 2018, 5, 607-613.	6.8	10
75	Wearable Contact Lens Biosensors for Continuous Glucose Monitoring Using Smartphones. <i>ACS Nano</i> , 2018, 12, 5452-5462.	15.1	261
76	Optical bandgap modelling from the structural arrangement of carbon nanotubes. <i>Nanoscale</i> , 2018, 10, 10683-10690.	5.8	1
77	<i>Morpho</i> butterfly-inspired optical diffraction, diffusion, and bio-chemical sensing. <i>RSC Advances</i> , 2018, 8, 27111-27118.	3.7	18
78	Wearables in Medicine. <i>Advanced Materials</i> , 2018, 30, e1706910.	23.5	358
79	Laser additive manufacturing of 3D meshes for optical applications. <i>PLoS ONE</i> , 2018, 13, e0192389.	2.6	14
80	Color-selective holographic retroreflector array for sensing applications. <i>Light: Science and Applications</i> , 2017, 6, e16214-e16214.	15.9	49
81	Paper-based microfluidic system for tear electrolyte analysis. <i>Lab on A Chip</i> , 2017, 17, 1137-1148.	6.0	111
82	Three-Dimensional Microstructured Lattices for Oil Sensing. <i>Energy & Fuels</i> , 2017, 31, 2524-2529.	5.2	35
83	High Numerical Aperture Hexagonal Stacked Ring-Based Bidirectional Flexible Polymer Microlens Array. <i>ACS Nano</i> , 2017, 11, 3155-3165.	15.1	43
84	Glucose-Sensitive Hydrogel Optical Fibers Functionalized with Phenylboronic Acid. <i>Advanced Materials</i> , 2017, 29, 1606380.	23.5	206
85	Femtosecond laser directed fabrication of optical diffusers. <i>RSC Advances</i> , 2017, 7, 18019-18023.	3.7	28
86	Printable ink lenses, diffusers, and 2D gratings. <i>Nanoscale</i> , 2017, 9, 266-276.	5.8	25
87	Nanosecond pulsed laser texturing of optical diffusers. <i>AIP Advances</i> , 2017, 7, .	1.3	14
88	Graphene nanoribbon based plasmonic Fresnel zone plate lenses. <i>RSC Advances</i> , 2017, 7, 16594-16601.	3.7	7
89	Photonic crystal fiber based plasmonic sensors. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 311-325.	8.0	303
90	Laser Nanopatterning of Colored Ink Thin Films for Photonic Devices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39641-39649.	8.3	15

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91	Finite element analysis of nanosecond pulsed laser ablation of various materials. World Journal of Engineering, 2017, 14, 489-496.	1.6	6
92	High performance boronic acid-containing hydrogel for biocompatible continuous glucose monitoring. RSC Advances, 2017, 7, 41384-41390.	3.7	24
93	Holographic Writing of Ink-Based Phase Conjugate Nanostructures via Laser Ablation. Scientific Reports, 2017, 7, 10603.	3.4	12
94	Wavelength-Selective Diffraction from Silica Thin-Film Gratings. ACS Photonics, 2017, 4, 2402-2409.	6.8	6
95	Phase-conjugated directional diffraction from a retroreflector array hologram. RSC Advances, 2017, 7, 25657-25664.	3.7	7
96	Optical glucose sensors based on hexagonally-packed 2.5-dimensional photonic concavities imprinted in phenylboronic acid functionalized hydrogel films. RSC Advances, 2017, 7, 53916-53924.	3.7	32
97	Carbon Nanotube Array Based Binary Gabor Zone Plate Lenses. Scientific Reports, 2017, 7, 15256.	3.4	2
98	Photonic crystal fiber-based plasmonic biosensor with external sensing approach. Journal of Nanophotonics, 2017, 12, 012503.	0.9	64
99	Electrically Tunable Scattering from Devitriteâ€“Liquid Crystal Hybrid Devices. Advanced Optical Materials, 2017, 5, 1600414.	7.8	10
100	Femtosecond laser ablation of transparent microphotonic devices and computer-generated holograms. Nanoscale, 2017, 9, 13808-13819.	5.8	20
101	Photonic crystal fiber-based plasmonic biosensor with external sensing approach (erratum). Journal of Nanophotonics, 2017, 12, 1.	0.9	14
102	Art on the Nanoscale and Beyond. Advanced Materials, 2016, 28, 1724-1742.	23.5	37
103	Reconfigurable optical assembly of nanostructures. Nature Communications, 2016, 7, 12002.	13.2	51
104	Multiwall carbon nanotube microcavity arrays. Journal of Applied Physics, 2016, 119, 113105.	2.3	13
105	Holographic direct pulsed laser writing of two-dimensional nanostructures. RSC Advances, 2016, 6, 111269-111275.	3.7	17
106	Rewritable three-dimensional holographic data storage <i>via</i> optical forces. Applied Physics Letters, 2016, 109, .	3.2	31
107	Parametric Simulations of Slanted 1D Photonic Crystal Sensors. Nanoscale Research Letters, 2016, 11, 157.	5.8	9
108	Laser induced single spot oxidation of titanium. Applied Surface Science, 2016, 387, 617-624.	6.3	32

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109	Optical scattering from graphene foam for oil imaging/sensing. RSC Advances, 2016, 6, 71867-71874.	3.7	4
110	Color-selective 2.5D Holograms on Large-Area Flexible Substrates for Sensing and Multilevel Security. Advanced Optical Materials, 2016, 4, 1589-1600.	7.8	48
111	<i>Morpho</i> Butterfly-Inspired Nanostructures. Advanced Optical Materials, 2016, 4, 497-504.	7.8	46
112	Optical microring resonator based corrosion sensing. RSC Advances, 2016, 6, 56127-56133.	3.7	47
113	Experimental investigation of an optical water filter for Photovoltaic/Thermal conversion module. Energy Conversion and Management, 2016, 111, 431-442.	9.3	53
114	Charge trap assisted high efficiency in new polymer-blend based light emitting diodes. Nano Energy, 2016, 21, 62-70.	16.4	11
115	Mode-multiplexed waveguide sensor. Journal of Electromagnetic Waves and Applications, 2016, 30, 444-455.	1.6	13
116	Multimode waveguide based directional coupler. Optics Communications, 2016, 370, 183-191.	2.2	20
117	Low thresholds for a nonconventional polymer blend- ⁸ Amplified spontaneous emission and lasing in ⁸ system. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 15-21.	2.4	12
118	Light scattering and optical diffusion from willemite spherulites. Optical Materials, 2016, 52, 163-172.	3.7	17
119	Nanotechnology in Textiles. ACS Nano, 2016, 10, 3042-3068.	15.1	530
120	Photonic Crystal Flakes. ACS Sensors, 2016, 1, 493-497.	8.0	33
121	Photonic hydrogel sensors. Biotechnology Advances, 2016, 34, 250-271.	11.8	157
122	Photonic Materials for Holographic Sensing. Springer Series in Materials Science, 2016, , 315-359.	0.5	9
123	Ultra-thin flat lenses made of graphene. , 2015, , .		1
124	Graphene-Based Ultrathin Flat Lenses. ACS Photonics, 2015, 2, 200-207.	6.8	70
125	Photonic Nanosensor for Colorimetric Detection of Metal Ions. Analytical Chemistry, 2015, 87, 5101-5108.	6.6	82
126	Carbon nanotube biconvex microcavities. Applied Physics Letters, 2015, 106, .	3.2	22

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127	Entrepreneurship. Lab on A Chip, 2015, 15, 3638-3660.	6.0	28
128	Laser directed writing of flat lenses on buckypaper. Nanoscale, 2015, 7, 12405-12410.	5.8	11
129	Visible diffraction from quasi-crystalline arrays of carbon nanotubes. Nanoscale, 2015, 7, 13452-13457.	5.8	3
130	Effects of current on early stages of focused ion beam nano-machining. Materials Research Express, 2015, 2, 055005.	1.7	8
131	Printable ink holograms. Applied Physics Letters, 2015, 107, .	3.2	22
132	Printable Nanophotonic Devices <i>via</i> Holographic Laser Ablation. ACS Nano, 2015, 9, 9062-9069.	15.1	32
133	Highly efficient PLEDs based on poly(9,9-dioctylfluorene) and Super Yellow blend with Cs ₂ CO ₃ modified cathode. Applied Materials Today, 2015, 1, 45-51.	4.4	15
134	Tunable scattering from liquid crystal devices using carbon nanotubes network electrodes. Nanoscale, 2015, 7, 330-336.	5.8	18
135	Plasmonics and Nanophotonics. Journal of Nanomaterials, 2014, 2014, 1-1.	2.8	2
136	Printable Surface Holograms via Laser Ablation. ACS Photonics, 2014, 1, 489-495.	6.8	59
137	Reusable, Robust, and Accurate Laser-Generated Photonic Nanosensor. Nano Letters, 2014, 14, 3587-3593.	9.4	103
138	Light-Directed Writing of Chemically Tunable Narrow-Band Holographic Sensors. Advanced Optical Materials, 2014, 2, 250-254.	7.8	110
139	Enhanced reflection from inverse tapered nanocone arrays. Applied Physics Letters, 2014, 105, .	3.2	23
140	Nanowire-based multifunctional antireflection coatings for solar cells. Nanoscale, 2014, 6, 14555-14562.	5.8	42
141	Computational modelling of a graphene Fresnel lens on different substrates. RSC Advances, 2014, 4, 30050-30058.	3.7	27
142	Devitrite-Based Optical Diffusers. ACS Nano, 2014, 8, 2929-2935.	15.1	39
143	Computational modelling and characterisation of nanoparticle-based tuneable photonic crystal sensors. RSC Advances, 2014, 4, 10454-10461.	3.7	50
144	Analytical comparison of wideband microstrip log-periodic and coplanar waveguide antennas. Microwave and Optical Technology Letters, 2014, 56, 1854-1860.	1.5	1

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145	Holographic Liquid Crystals for Nanophotonics. Nanoscience and Technology, 2014, , 1-34.	1.0	2
146	Optical holograms based on carbon nanotubes. , 2013, , .		0
147	High contrast holograms using nanotube forest. Applied Physics Letters, 2013, 103, 111104.	3.2	4
148	Visible Diffraction from Graphene and Its Application in Holograms. Advanced Optical Materials, 2013, 1, 869-874.	7.8	17
149	Hybrid microstrip and carbon nanotubes based patch antenna for wireless applications. , 2013, , .		2
150	Electrically Switchable Diffraction Grating Using a Hybrid Liquid Crystal and Carbon Nanotube-Based Nanophotonic Device. Advanced Optical Materials, 2013, 1, 368-373.	7.8	22
151	Computer generated holograms for carbon nanotube arrays. Nanoscale, 2013, 5, 4217.	5.8	15
152	A nano-patterned photonic crystal laser with a dye-doped liquid crystal. Applied Physics Letters, 2013, 103, .	3.2	13
153	Hybrid carbon nanotube-liquid crystal nanophotonic devices. , 2013, , 319-350e.		5
154	Paper No 11.1: Enhanced Pixel Technology for Holographic Projection Displays. Digest of Technical Papers SID International Symposium, 2013, 44, 210-214.	0.3	1
155	Liquid Crystals: Electrically Switchable Diffraction Grating Using a Hybrid Liquid Crystal and Carbon Nanotube-Based Nanophotonic Device (Advanced Optical Materials 5/2013). Advanced Optical Materials, 2013, 1, 367-367.	7.8	0
156	Continuous diffraction patterns from circular arrays of carbon nanotubes. Applied Physics Letters, 2012, 101, .	3.2	21
157	Cylindrical Fresnel lenses based on carbon nanotube forests. Applied Physics Letters, 2012, 101, .	3.2	26
158	Optimization of nanotube electrode geometry in a liquid crystal media from wavefront aberrations. Applied Optics, 2012, 51, 422.	1.8	7
159	Carbon Nanotube Based High Resolution Holograms. Advanced Materials, 2012, 24, OP331-6.	23.5	65
160	DC characterization of InGaAs/InAlAs/InP based pseudomorphic HEMT (pHEMT). , 2012, , .		3
161	Negative index photonic crystal lenses based on carbon nanotube arrays. Photonics and Nanostructures - Fundamentals and Applications, 2012, 10, 499-505.	2.1	7
162	Metamaterial filter for the near-visible spectrum. Applied Physics Letters, 2012, 101, 083106.	3.2	8

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163	FEM MODELING OF PERIODIC ARRAYS OF MULTIWALLED CARBON NANOTUBES. Progress in Electromagnetics Research M, 2012, 22, 1-12.	0.9	6
164	FABRICATION OF CARBON NANOTUBES ON INTER-DIGITATED METAL ELECTRODE FOR SWITCHABLE NANOPHOTONIC DEVICES. Progress in Electromagnetics Research, 2012, 127, 65-77.	4.7	3
165	Ultrasmall Microlens Array Based on Vertically Aligned Carbon Nanofibers. Small, 2012, 8, 2501-2504.	11.0	18
166	Can Nanotubes Make a Lens Array?. Advanced Materials, 2012, 24, OP170-3.	23.5	28
167	Optical waveguides and switches based on periodic arrays of carbon nanotubes. , 2011, , .		0
168	Enhanced reflection from arrays of silicon based inverted nanocones. Applied Physics Letters, 2011, 99, .	3.2	23
169	Electromagnetic Modeling of Multiwalled Carbon Nanotubes as Nanorod Electrodes for Optimizing Device Geometry in a Nanophotonic Device. IEEE Nanotechnology Magazine, 2011, 10, 547-554.	2.1	4
170	Plasmonic Band Gaps and Waveguide Effects in Carbon Nanotube Arrays Based Metamaterials. ACS Nano, 2011, 5, 9138-9143.	15.1	36
171	Transparent liquid-crystal-based microlens array using vertically aligned carbon nanofiber electrodes on quartz substrates. Nanotechnology, 2011, 22, 115201.	2.7	21
172	PHOTONIC CRYSTALS & METAMATERIAL FILTERS BASED ON 2D ARRAYS OF SILICON NANOPILLARS. Progress in Electromagnetics Research, 2011, 113, 179-194.	4.7	35
173	3D modelling of carbon nanotubes and liquid crystal based nano-photonic device. Proceedings of SPIE, 2010, , .	1.0	0
174	Metamaterial high pass filter based on periodic wire arrays of multiwalled carbon nanotubes. Applied Physics Letters, 2010, 97, .	3.2	53
175	Modeling and characterization of tunable photonic crystal waveguides based on two-dimensional periodic arrays of silicon pillars. Proceedings of SPIE, 2010, , .	1.0	0
176	Optical phase modulation using a hybrid carbon nanotube-liquid-crystal nanophotonic device. Optics Letters, 2009, 34, 1237.	3.4	32
177	Sparse multiwall carbon nanotube electrodes arrays for liquid crystal photonic devices. Proceedings of SPIE, 2008, , .	1.0	2