Abhishek K Srivastava

List of Publications by Year
in descending order

159	2,660	185998	233125
papers	citations	28 h-index	45 g-index

161	161	161	1553
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unidirectionally aligned bright quantum rods films, using T-shape ligands, for LCD application. Nano Research, 2022, 15, 5392-5401.	5.8	8
2	Inkjetâ€Printed, Flexible Fullâ€Color Photoluminescenceâ€Type Color Filters for Displays. Advanced Engineering Materials, 2022, 24, .	1.6	10
3	Solution-Processed Red, Green, and Blue Quantum Rod Light-Emitting Diodes. ACS Applied Materials & Interfaces, 2022, 14, 18723-18735.	4.0	7
4	Inkjet printed patterned bank structure with encapsulated perovskite colour filters for modern display. Nanoscale, 2022, 14, 8060-8068.	2.8	9
5	11â€2: Student Paper: High Brightness and Ultraâ€High PPI Fieldâ€Sequentialâ€Color (FSC) Display Based on Deformed Helix Ferroelectric Liquid Crystal for VR/AR. Digest of Technical Papers SID International Symposium, 2022, 53, 109-112.	0.1	2
6	Pâ€86: Inkâ€Jet Printed Stable Fullâ€Color Perovskite and Quantum Rod Color Filter. Digest of Technical Papers SID International Symposium, 2022, 53, 1347-1350.	0.1	1
7	63â€1: Distinguished Student Paper: Microsecond Highâ€contrast Continuous 2.25Ï€ Phase Modulation Based on Nonâ€linear Kerr Effect of VADHFLC. Digest of Technical Papers SID International Symposium, 2022, 53, 823-826.	0.1	0
8	Thermally Stable Quantum Rods, Covering Full Visible Range for Display and Lighting Application. Small, 2021, 17, e2004487.	5.2	20
9	Quantum Rods: Thermally Stable Quantum Rods, Covering Full Visible Range for Display and Lighting Application (Small 3/2021). Small, 2021, 17, 2170011.	5.2	2
10	26.2: Invited Paper: Photoâ€aligned Red, Green and Blue QRs for the LCD Brightness Enhancement. Digest of Technical Papers SID International Symposium, 2021, 52, 168-168.	0.1	0
11	51.2: Photoalignment and Photopatterning of Highly Concentrated Quantum Rods Embedded in Liquid Crystal Polymer Matrix. Digest of Technical Papers SID International Symposium, 2021, 52, 339-340.	0.1	2
12	Fast refocusing lens based on ferroelectric liquid crystals. Optics Express, 2021, 29, 8258.	1.7	11
13	Fast-switchable, high diffraction-efficiency ferroelectric liquid crystal Fibonacci grating. Optics Express, 2021, 29, 13978.	1.7	6
14	Fast LiDAR systems based on ferroelectric liquid crystal Dammann grating. Liquid Crystals, 2021, 48, 1402-1416.	0.9	12
15	33â€3: Student Paper: True Microdisplay with 3Âµm Pixel Size Using Deformedâ€Helix Ferroelectric Liquid Crystal for VR/AR Displays. Digest of Technical Papers SID International Symposium, 2021, 52, 435-438.	0.1	1
16	Pâ€54: Student Poster: Collimation and Homogenization of Light for High Illuminous LED Based System. Digest of Technical Papers SID International Symposium, 2021, 52, 1271-1274.	0.1	0
17	65â€5: Improved Brightness and Efficiency of Green Quantumâ€Rodâ€Based Lightâ€Emitting Diodes. Digest of Technical Papers SID International Symposium, 2021, 52, 959-962.	0.1	0
18	Pâ€83: Polarized Emission from Perovskite Nanocrystals Encapsulated in Stretched Porous Films for Liquid Crystal Displays. Digest of Technical Papers SID International Symposium, 2021, 52, 1391-1394.	0.1	2

#	Article	IF	Citations
19	33â€4: Fast Switchable Multiâ€Focus Polarizationâ€Dependent Ferroelectric Liquidâ€Crystal Lenses for Virtual Reality. Digest of Technical Papers SID International Symposium, 2021, 52, 439-442.	0.1	3
20	Progress toward blue-emitting (460â€“475Ânm) nanomaterials in display applications. Nanophotonics, 2021, 10, 1801-1836.	2.9	20
21	54.2: Invited Paper: High speed Ferroelectric Liquid Crystals for High pixel density Displays and photonics. Digest of Technical Papers SID International Symposium, 2021, 52, 643-644.	0.1	0
22	49.5: True Glassâ€based Microâ€display with 3Âµm pixel size using Deformed Helix Ferroelectric Liquid Crystal for VR/AR Displays. Digest of Technical Papers SID International Symposium, 2021, 52, 600-603.	0.1	0
23	Stable bright perovskite nanoparticle thin porous films for color enhancement in modern liquid crystal displays. Nanoscale, 2021, 13, 6400-6409.	2.8	16
24	Dielectric Metasurface from Solutionâ€Phase Epitaxy of ZnO Nanorods for Subtractive Color Filter Application. Advanced Optical Materials, 2021, 9, 2001670.	3.6	8
25	Fringe field effect free high-resolution display and photonic devices using deformed helix ferroelectric liquid crystal. Liquid Crystals, 2021, 48, 100-110.	0.9	15
26	Quantumâ€Rod Onâ€Chip LEDs for Display Backlights with Efficacy of 149ÂlmÂW^{â^'1}: A Step toward 200ÂlmÂW^{â^'1}. Advanced Materials, 2021, 33, e2104685.	11.1	30
27	Healthy Lighting Design by Semiconductor Nanorods with Narrow Bandwidth Emission. , 2021, , .		2
28	Improved Hole Injection in a Quantum Rod Light Emitting Diode. , 2021, , .		2
29	Low voltage tunable liquid crystal Fibonacci grating. Liquid Crystals, 2020, 47, 1162-1169.	0.9	7
30	52â€3: Fastâ€response Cloudâ€point Ferroelectric Liquid Crystal Dammann Grating for LiDAR Applications Based on Doubleâ€cell setup. Digest of Technical Papers SID International Symposium, 2020, 51, 769-772.	0.1	5
31	Pâ€112: Stabilization of Perovskite Quantum Dots in Polymer Matrix in Thin Porous Film for Display Technology. Digest of Technical Papers SID International Symposium, 2020, 51, 1771-1774.	0.1	0
32	Pâ€104: Photoâ€aligned Quantum Rods with Tâ€Shaped Ligands Based on Liquidâ€Crystal Polymer Matrix. Digest of Technical Papers SID International Symposium, 2020, 51, 1745-1747.	0.1	3
33	Pâ€138: Fringeâ€Field Effect of Ferroelectric Liquidâ€Crystal Study Using Electrode Pattern for High Pixel Density Displays. Digest of Technical Papers SID International Symposium, 2020, 51, 1897-1900.	0.1	0
34	53â€3: CdSe/CdS Nanorod Enhancement Film for Blueâ€Laser Based Visible Light Communication Systems. Digest of Technical Papers SID International Symposium, 2020, 51, 781-783.	0.1	0
35	Pâ€111: Red, Green, and Blue Quantum Rod Based Electroluminescent Lightâ€Emitting Diodes. Digest of Technical Papers SID International Symposium, 2020, 51, 1768-1770.	0.1	0
36	Pâ€155: Stabilization of Perovskite Quantum Dots in Polymer Matrix in Thin Porous Film for Display Technology. Digest of Technical Papers SID International Symposium, 2020, 51, 1971-1974.	0.1	1

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37	Electro-optical properties of photo-aligned photonic ferroelectric liquid crystal fibres. Liquid Crystals, 2019, 46, 272-280.	0.9	14
38	Luminescent Downâ€Conversion Semiconductor Quantum Dots and Aligned Quantum Rods for Liquid Crystal Displays. Advanced Science, 2019, 6, 1901345.	5.6	83
39	40.3: Inversion Charge for Memory Display under Passively Addressed Driving using Photoâ€aligned Ferroelectric Liquid Crystal. Digest of Technical Papers SID International Symposium, 2019, 50, 449-451.	0.1	0
40	40.1: Invited Paper: Electrically Suppressed Helix Ferroelectric Liquid Crystals (FLCD) for modern LCDs. Digest of Technical Papers SID International Symposium, 2019, 50, 441-444.	0.1	0
41	Pâ€9.11: Photo Aligned Quantum Rod Films by Printing with Extended Color Gamut. Digest of Technical Papers SID International Symposium, 2019, 50, 884-884.	0.1	0
42	Formulation of a Composite System of Liquid Crystals and Lightâ€Emitting Semiconductor Quantum Rods: From Assemblies in Solution to Photoaligned Films. Advanced Materials Technologies, 2019, 4, 1900695.	3.0	13
43	Vertically aligned ferroelectric liquid crystals with high Kerr constant for field sequential color displays. Journal of Molecular Liquids, 2019, 295, 111054.	2.3	6
44	13â€4: Passively Addressed Helixâ€Free Ferroelectric Liquid Crystal for Fast Response Biâ€Stable Display. Digest of Technical Papers SID International Symposium, 2019, 50, 172-175.	0.1	0
45	32â€2: Surface Ligands Optimization of Semiconductor CdSe/CdS Nanorods Aligned in Liquid Crystal Polymer Matrix. Digest of Technical Papers SID International Symposium, 2019, 50, 447-449.	0.1	0
46	The nano-scale pitch ferroelectric liquid crystal materials for modern display and photonic application employing highly effective chiral components: Trifluoromethylalkyl diesters of p-terphenyldicarboxylic acid. Journal of Molecular Liquids, 2019, 281, 186-195.	2.3	28
47	Photo Aligned Quantum Rod Films by inkjet Printing for modern LCDs with Extended Color Gamut. , 2019, , .		0
48	Highly Efficient Ultraâ€Broadband Terahertz Modulation Using Bidirectional Switching of Liquid Crystals. Advanced Optical Materials, 2019, 7, 1901321.	3.6	21
49	Inkjet-printed aligned quantum rod enhancement films for their application in liquid crystal displays. Nanoscale, 2019, 11, 20837-20846.	2.8	26
50	40.4: Photoâ€Induced Continuous Alignment of Semiconductor Quantum Rods. Digest of Technical Papers SID International Symposium, 2019, 50, 452-452.	0.1	0
51	Ligand Shell Engineering to Achieve Optimal Photoalignment of Semiconductor Quantum Rods for Liquid Crystal Displays. Advanced Functional Materials, 2019, 29, 1805094.	7.8	25
52	Fast switching ferroelectric liquid crystal Pancharatnam-Berry lens. Optics Express, 2019, 27, 10079.	1.7	27
53	Towards a Rapid Terahertz Liquid Crystal Phase Shifter: Terahertz In-Plane and Terahertz Out-Plane (TIP-TOP) Switching. IEEE Transactions on Terahertz Science and Technology, 2018, 8, 209-214.	2.0	28
54	An optical system via liquid crystal photonic devices for photobiomodulation. Scientific Reports, 2018, 8, 4251.	1.6	9

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55	Electrically Tunable Terahertz Liquid Crystal Spatial Phase Shifter. , 2018, , .		0
56	Pâ€12.2: Active Matrix Field Sequential Color Electrically Suppressed Helix Ferroelectric Liquid Crystal for High Resolution Displays. Digest of Technical Papers SID International Symposium, 2018, 49, 717-719.	0.1	2
57	Active matrix field sequential color electrically suppressed helix ferroelectric liquid crystal for high resolution displays. Journal of the Society for Information Display, 2018, 26, 325-332.	0.8	16
58	64â€3: Photo Aligned Quantum Rod films by Inkjet Printing. Digest of Technical Papers SID International Symposium, 2018, 49, 847-849.	0.1	2
59	Pâ€124: Photo Emissive Nanorods Display. Digest of Technical Papers SID International Symposium, 2018, 49, 1674-1676.	0.1	0
60	58â€4: Distinguished Student Paper: Active Matrix Field Sequential Color Electrically Suppressed Helix Ferroelectric Liquid Crystal for High Resolution Displays. Digest of Technical Papers SID International Symposium, 2018, 49, 776-778.	0.1	0
61	Optically Addressable Photoaligned Semiconductor Nanorods in Thin Liquid Crystal Films for Display Applications. Advanced Optical Materials, 2018, 6, 1800250.	3.6	32
62	Photoinduced Micropattern Alignment of Semiconductor Nanorods with Polarized Emission in a Liquid Crystal Polymer Matrix. Nano Letters, 2017, 17, 3133-3138.	4.5	65
63	41â€4: Microscale Pattern Polarized Emission from Semiconductor Nanorods by Photoâ€Induced Alignment Technology. Digest of Technical Papers SID International Symposium, 2017, 48, 589-591.	0.1	1
64	P-156: One Step Stabilized Azo Dye Photoalignment for Mass Production. Digest of Technical Papers SID International Symposium, 2017, 48, 1869-1872.	0.1	8
65	Exotic Property of Azobenzenesulfonic Photoalignment Material Based on Relative Humidity. Langmuir, 2017, 33, 3968-3974.	1.6	16
66	Photoaligned Nanorod Enhancement Films with Polarized Emission for Liquidâ€Crystalâ€Display Applications. Advanced Materials, 2017, 29, 1701091.	11.1	142
67	Ferroelectric Liquid Crystal Dammann Grating by Patterned Photoalignment. Crystals, 2017, 7, 79.	1.0	18
68	2Dâ€“3D switchable display based on a passive polymeric lenticular lens array and electrically suppressed ferroelectric liquid crystal. Optics Letters, 2017, 42, 3435.	1.7	25
69	80-3: A Fast 2D-3D Switchable Display Using a Polymeric Lenticular Lens Array and an Electrically Suppressed Ferroelectric Liquid Crystal. Digest of Technical Papers SID International Symposium, 2016, 47, 1075-1078.	0.1	1
70	Kerr effect and Kerr constant enhancement in vertically aligned deformed helix ferroelectric liquid crystals. Chinese Physics B, 2016, 25, 094212.	0.7	5
71	Design of a transparent LC based reconfigurable antenna. , 2016, , .		5
72	Fast switchable ferroelectric liquid crystal gratings with two electro-optical modes. AIP Advances, 2016, 6, 035207.	0.6	10

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73	Restricted polymer-stabilised electrically suppressed helix ferroelectric liquid crystals. Liquid Crystals, 2016, 43, 1092-1099.	0.9	10
74	Strengthening of liquid crystal photoalignment on azo dye films: passivation by reactive mesogens. RSC Advances, 2016, 6, 48181-48188.	1.7	36
75	Fork gratings based on ferroelectric liquid crystals. Optics Express, 2016, 24, 5822.	1.7	21
76	Ultrashort helix pitch antiferroelectric liquid crystals based on chiral esters of terphenyldicarboxylic acid. Journal of Materials Chemistry C, 2016, 4, 10339-10346.	2.7	16
77	P-76: Polarization-Controllable Light-Printer for Optically Rewritable (ORW) Liquid Crystal Displays. Digest of Technical Papers SID International Symposium, 2016, 47, 1421-1423.	0.1	5
78	44-4L:Late-News Paper: Photo-Aligned Quantum Rod Dispersed Liquid Crystal Polymer Films. Digest of Technical Papers SID International Symposium, 2016, 47, 602-604.	0.1	9
79	P-118: Azo Dye, Liquid Crystals Polymer Composite Photo-Alignment Layer for Modern Liquid Crystal Displays. Digest of Technical Papers SID International Symposium, 2016, 47, 1566-1569.	0.1	3
80	Electrically/optically tunable photo-aligned hybrid nematic liquid crystal Dammann grating. Optics Letters, 2016, 41, 5668.	1.7	22
81	Paper No S9.3: 3-D Grayscale Images Generation on Optically Rewritable Electronic Paper. Digest of Technical Papers SID International Symposium, 2015, 46, 40-40.	0.1	7
82	Electrically suppressed helix ferroelectric liquid crystals for modern displays. Journal of the Society for Information Display, 2015, 23, 176-181.	0.8	17
83	Photoâ€aligned photonic ferroelectric liquid crystal fibers. Journal of the Society for Information Display, 2015, 23, 196-201.	0.8	8
84	P-123: Distinguished Poster: Field Sequential Color Displays based on Reflective Electrically Suppressed Helix Ferroelectric Liquid Crystal. Digest of Technical Papers SID International Symposium, 2015, 46, 1627-1628.	0.1	5
85	67.4L:Late-News Paper: Electrically Suppressed Helix Ferroelectric Liquid Crystals a better Alternative for the IPS Displays. Digest of Technical Papers SID International Symposium, 2015, 46, 1001-1003.	0.1	0
86	Ferroelectric liquid crystals: Excellent tool for modern displays and photonics. Journal of the Society for Information Display, 2015, 23, 253-272.	0.8	83
87	Hollow core negative curvature fibre with layers of photoaligned optically anisotropic material. Laser Physics Letters, 2015, 12, 105101.	0.6	2
88	Micro-patterned photo-aligned ferroelectric liquid crystal Fresnel zone lens. Optics Letters, 2015, 40, 1643.	1.7	50
89	A polarized liquid crystal lens with electrically-switching mode and optically-written mode. Proceedings of SPIE, 2015, , .	0.8	0
90	A polarized bifocal switch based on liquid crystals operated electrically and optically. Journal of Applied Physics, 2015, 117, 044502.	1.1	8

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91	Combination of Photoinduced Alignment and Self-Assembly to Realize Polarized Emission from Ordered Semiconductor Nanorods. ACS Nano, 2015, 9, 11049-11055.	7.3	64
92	An optical system adopting liquid crystals with electrical tunability of wavelength and energy density for low level light therapy. , 2015, , .		0
93	Photo-aligned ferroelectric liquid crystals in microchannels. Optics Letters, 2014, 39, 4679.	1.7	14
94	Enhanced performance configuration for fast-switching deformed helix ferroelectric liquid crystal continuous tunable Lyot filter. Applied Optics, 2014, 53, 3787.	0.9	9
95	A large bistable negative lens by integrating a polarization switch with a passively anisotropic focusing element. Optics Express, 2014, 22, 13138.	1.7	25
96	A Simplified Model for the Optimization of LC Photonic Elements. IEEE Photonics Technology Letters, 2014, 26, 1096-1099.	1.3	4
97	Optimization of alignment quality of ferroelectric liquid crystals by controlling anchoring energy. Applied Physics Express, 2014, 7, 021701.	1.1	43
98	Pâ€43: A Novel TFT Pixel Design for Active Matrix FLC with Grayscale Generation. Digest of Technical Papers SID International Symposium, 2014, 45, 1134-1137.	0.1	0
99	9.1: Invited Paper: Fast High Resolution Ferroelectric Liquid Crystal Displays. Digest of Technical Papers SID International Symposium, 2014, 45, 90-92.	0.1	3
100	Pâ€101: Liquid Crystal Fresnel Zone Lens Based on Singleâ€Side Patterned Photoalignment Layer. Digest of Technical Papers SID International Symposium, 2014, 45, 1367-1369.	0.1	1
101	Optically rewritable 3D liquid crystal displays. Optics Letters, 2014, 39, 6209.	1.7	29
102	29.4: Polymer Stabilized Electrically Suppressed Helix Ferroelectric Liquid Crystal. Digest of Technical Papers SID International Symposium, 2014, 45, 393-395.	0.1	1
103	Single step micro-patterned liquid crystal photoalignment by patterned quarter-wave plate. Journal of the Society for Information Display, 2014, 22, 518-524.	0.8	2
104	Terahertz in plane and terahertz out of plane (TIP-TOP) switching of a liquid crystal spatial light modulator. , 2014, , .		2
105	Electro-optical effects in porous PET films filled with liquid crystal: new possibilities for fiber optics and THZ applications. Optics Letters, 2014, 39, 1453.	1.7	8
106	Vibrational, structural and hydrogen bonding analysis of Nâ€²-[(E)-4-Hydroxybenzylidene]-2-(naphthalen-2-yloxy) acetohydrazide: combined density functional and atoms-in-molecule based theoretical studies. Indian Journal of Physics, 2014, 88, 547-556.	0.9	19
107	Enhanced orientational Kerr effect in vertically aligned deformed helix ferroelectric liquid crystals. Optics Letters, 2014, 39, 2900.	1.7	44
108	Ferroelectric Liquid Crystal Cells for Advanced Applications in Displays and Photonics. Molecular Crystals and Liquid Crystals, 2014, 595, 39-49.	0.4	15

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109	The highest oxidation state of Au revealed by interactions with successive cl ligands and superhalogen properties of AuCl_n (nâ€‰=â€‰1â€“6) species. International Journal of Quantum Chemistry, 2014, 114, 1513-1517.	1.0	16
110	Liquid crystal Fresnel zone lens based on single-side-patterned photoalignment layer. Applied Optics, 2014, 53, 2026.	0.9	31
111	Patterned alignment of liquid crystal molecules in silica micro-capillaries. Liquid Crystals, 2013, 40, 1-6.	0.9	21
112	Optically rewritable ferroelectric liquid-crystal grating. Europhysics Letters, 2013, 102, 24005.	0.7	29
113	Orientational Kerr effect and phase modulation of light in deformed-helix ferroelectric liquid crystals with subwavelength pitch. Physical Review E, 2013, 87, 052502.	0.8	54
114	Fabrication of liquid crystal gratings based on photoalignment technology. Proceedings of SPIE, 2013, , .	0.8	1
115	Autostereoscopic 3D pictures on optically rewritable electronic paper. Journal of the Society for Information Display, 2013, 21, 103-107.	0.8	10
116	Submicron-scale liquid crystal photo-alignment. Soft Matter, 2013, 9, 5160.	1.2	73
117	Optically tunable and rewritable diffraction grating with photoaligned liquid crystals. Optics Letters, 2013, 38, 2342.	1.7	45
118	Switchable Fresnel lens based on micropatterned alignment. Optics Letters, 2013, 38, 1775.	1.7	55
119	Low voltage tunable liquid crystal lens. Optics Letters, 2013, 38, 4116.	1.7	33
120	Paper No 9.3: Liquid Crystal Gratings Technologies and Ferroelectric Liquid Crystalâ€Based Gratings. Digest of Technical Papers SID International Symposium, 2013, 44, 194-196.	0.1	0
121	Paper No 6.4: Fullâ€Color Fieldâ€Sequential Color Display Based on Electrically Suppressed Helix FLC. Digest of Technical Papers SID International Symposium, 2013, 44, 174-176.	0.1	0
122	38.3: Fast Ferroelectric Liquid Crystal Modes Based on Photoaligning Technology. Digest of Technical Papers SID International Symposium, 2013, 44, 534-536.	0.1	3
123	P.83: ESHFLC Field-Sequential Color Displays. Digest of Technical Papers SID International Symposium, 2013, 44, 1300-1302.	0.1	1
124	Paper No P42: Increasing Rewriting Speed of Optical Rewritable Eâ€Paper by Process Optimization. Digest of Technical Papers SID International Symposium, 2013, 44, 148-151.	0.1	1
125	Voltage Sensor with wide Frequency Range using Deformed Helix Ferroelectric Liquid Crystal. Photonics Letters of Poland, 2013, 5, .	0.2	15
126	Axially symmetric polarization converter made of patterned liquid crystal quarter wave plate. Optics Express, 2012, 20, 23036.	1.7	39

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127	Fast switchable grating based on orthogonal photo alignments of ferroelectric liquid crystals. Applied Physics Letters, 2012, 101, .	1.5	85
128	Polarization independent liquid crystal gratings based on orthogonal photoalignments. Applied Physics Letters, 2012, 100, 111116.	1.5	68
129	Switchable liquid crystal grating with sub millisecond response. Applied Physics Letters, 2012, 100, 111105.	1.5	39
130	Evaluation of LC Fresnel Phase Plate Utilized as Colour Filter. Molecular Crystals and Liquid Crystals, 2012, 559, 228-240.	0.4	5
131	Liquid crystal gratings based on alternate TN and PA photoalignment. Optics Express, 2012, 20, 5384.	1.7	79
132	Liquid crystal gratings from nematic to blue phase. , 2012, , .		0
133	24.3: Optical Rewritable Diffraction Grating based on Photoâ€Alignment Materials. Digest of Technical Papers SID International Symposium, 2012, 43, 324-326.	0.1	0
134	34.1: Deformed Helix Ferroelectric Display with Low Driving Voltage and Fast Response Time. Digest of Technical Papers SID International Symposium, 2012, 43, 449-451.	0.1	5
135	Pâ€99: Fast Nematic Liquid Crystals (LC) Device Using Hybrid driving Scheme. Digest of Technical Papers SID International Symposium, 2012, 43, 1436-1438.	0.1	1
136	Pâ€105: Fast Switchable Grating Based on Ferroelectric Liquid Crystal. Digest of Technical Papers SID International Symposium, 2012, 43, 1456-1458.	0.1	0
137	Guestâ€“host mode ferroelectric liquid crystals. Liquid Crystals, 2011, 38, 183-190.	0.9	11
138	Modification in dielectric properties of SWCNT doped ferroelectric liquid crystals. Journal of Non-Crystalline Solids, 2011, 357, 1822-1826.	1.5	26
139	Single walled carbon nano-tube, ferroelectric liquid crystal composites: Excellent diffractive tool. Applied Physics Letters, 2011, 99, .	1.5	46
140	Dielectric and electro-optical study of ZnO nano rods doped ferroelectric liquid crystals. Journal of Materials Science, 2011, 46, 5969-5976.	1.7	51
141	Comparative study of dielectric and electro-optical properties of pure and polymer ferroelectric liquid crystal composites. Journal of Polymer Research, 2011, 18, 435-441.	1.2	20
142	Sign inversion of dielectric anisotropy in nematic liquid crystal by dye doping. Journal of Physics and Chemistry of Solids, 2010, 71, 1311-1315.	1.9	33
143	Modified dynamical equation for dye doped nematic liquid crystals. Physica B: Condensed Matter, 2010, 405, 1964-1968.	1.3	2
144	Polymerâ€induced improvements in ferroelectric liquid crystal. Polymer Composites, 2010, 31, 1776-1781.	2.3	13

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145	Surface anchoring effect on guestâ€“host ferroelectric liquid crystal response time â€“ an electro-optical investigation. Philosophical Magazine, 2010, 90, 4529-4539.	0.7	13
146	Liquid Crystal Active Glasses for 3D Cinema. Journal of Display Technology, 2010, 6, 522-530.	1.3	52
147	Electro-Optical Behavior for Dye-Doped FLC. Soft Materials, 2010, 8, 1-13.	0.8	19
148	Zinc Oxide (1% Cu) Nanoparticle in Nematic Liquid Crystal: Dielectric and Electro-Optical Study. Japanese Journal of Applied Physics, 2009, 48, 101501.	0.8	72
149	Phase transition studies of polymerâ€“liquid crystal composite using dielectric and optical transmittance techniques. Polymer Composites, 2008, 29, 638-643.	2.3	3
150	Dielectric and electro-optical properties of dye doped ferroelectric liquid crystal. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 6254-6259.	0.9	24
151	Dielectric and Electro-Optical Characterization of Dyed Ferroelectric Liquid Crystals. Molecular Crystals and Liquid Crystals, 2008, 495, 194/[546]-211/[563].	0.4	13
152	Dielectric and electro-optical parameters of two ferroelectric liquid crystals: a comparative study. Physica Scripta, 2008, 78, 065602.	1.2	24
153	Dielectric Relaxation of FLC Showing Anomalous Behavior. Soft Materials, 2007, 5, 207-218.	0.8	21
154	Dielectric Relaxation of Dye-Doped Ferroelectric Liquid Crystal Mixture: A Comparative Study of Smectic C*and Smectic A Phase. Japanese Journal of Applied Physics, 2007, 46, 1100-1105.	0.8	23
155	Ferroelectric liquid crystals versus dyed ferroelectric liquid crystals in SmCâˆ— phase. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 371, 490-498.	0.9	41
156	Effect of Dichroic dye on dielectric properties of ferroelectric liquid crystals: A comparative study. Journal of Physics and Chemistry of Solids, 2007, 68, 1700-1706.	1.9	10
157	Refractive Indices, Order Parameter and Principal Polarizability of Cholesteric Liquid Crystals and Their Mixtures. Molecular Crystals and Liquid Crystals, 2006, 454, 225/[627]-234/[636].	0.4	10
158	Shift in the Binding Energy of the Inner Electrons Due to Chemical Combination. Physica Status Solidi (B): Basic Research, 1981, 108, 575-579.	0.7	3
159	Microsecond highâ€contrast continuous 2.25Ï€ phase modulation based on nonâ€linear Kerr effect of vertically aligned deformed helix ferroelectric liquid crystal. Journal of the Society for Information Display, 0, , .	0.8	3