Anvar A Zakhidov

List of Publications by Year
in descending order

156 papers	23,329 citations	41344 49 h-index	10445 139 g-index
156 all docs	156 docs citations	156 times ranked	24173 citing authors

#	Article	IF	Citations
1	Carbon Nanotubes--the Route Toward Applications. Science, 2002, 297, 787-792.	12.6	9,458
2	Carbon Nanotube Actuators. Science, 1999, 284, 1340-1344.	12.6	2,343
3	Strong, Transparent, Multifunctional, Carbon Nanotube Sheets. Science, 2005, 309, 1215-1219.	12.6	1,581
4	Carbon Structures with Three-Dimensional Periodicity at Optical Wavelengths. , 1998, 282, 897-901.		1,005
5	Negative Poisson's ratios as a common feature of cubic metals. Nature, 1998, 392, 362-365.	27.8	635
6	Giant-Stroke, Superelastic Carbon Nanotube Aerogel Muscles. Science, 2009, 323, 1575-1578.	12.6	518
7	Doping effect of buckminsterfullerene in conducting polymer: Change of absorption spectrum and quenching of luminescene. Solid State Communications, 1992, 82, 249-252.	1.9	492
8	Harvesting Waste Thermal Energy Using a Carbon-Nanotube-Based Thermo-Electrochemical Cell. Nano Letters, 2010, 10, 838-846.	9.1	431
9	Aerosol-Synthesized SWCNT Networks with Tunable Conductivity and Transparency by a Dry Transfer Technique. Nano Letters, 2010, 10, 4349-4355.	9.1	384
10	Biscrolling Nanotube Sheets and Functional Guests into Yarns. Science, 2011, 331, 51-55.	12.6	338
11	Electro-optic Behavior of Liquid-Crystal-Filled Silica Opal Photonic Crystals: Effect of Liquid-Crystal Alignment. Physical Review Letters, 2001, 86, 4052-4055.	7.8	237
12	Evacuated tube solar collectors integrated with phase change materials. Solar Energy, 2016, 129, 10-19.	6.1	203
13	Tunable, Gap-State Lasing in Switchable Directions for Opal Photonic Crystals. Advanced Functional Materials, 2002, 12, 21.	14.9	179
14	Thermal transport in MWCNT sheets and yarns. Carbon, 2007, 45, 2880-2888.	10.3	179
15	Nanoimprinted Perovskite Nanograting Photodetector with Improved Efficiency. ACS Nano, 2016, 10, 10921-10928.	14.6	168
16	Enhanced photoconductivity of C60 doped poly(3-alkylthiophene). Solid State Communications, 1993, 85, 85-88.	1.9	164
17	Robust cell migration and neuronal growth on pristine carbon nanotube sheets and yarns. Journal of Biomaterials Science, Polymer Edition, 2007, 18, 1245-1261.	3.5	154
18	Nanoimprinted Polymer Solar Cell. ACS Nano, 2012, 6, 2877-2892.	14.6	152

#	Article	IF	Citations
19	Halideâ€Perovskite Resonant Nanophotonics. Advanced Optical Materials, 2019, 7, 1800784.	7.3	146
20	Room-Temperature Continuous-Wave Operation of Organometal Halide Perovskite Lasers. ACS Nano, 2018, 12, 10968-10976.	14.6	140
21	Observation of inhibited spontaneous emission and stimulated emission of rhodamine 6G in polymer replica of synthetic opal. Applied Physics Letters, 1998, 73, 3506-3508.	3.3	137
22	Carbon nanotube/graphene nanocomposite as efficient counter electrodes in dye-sensitized solar cells. Nanotechnology, 2012, 23, 085201.	2.6	135
23	Single-Mode Lasing from Imprinted Halide-Perovskite Microdisks. ACS Nano, 2019, 13, 4140-4147.	14.6	134
24	Multifold Emission Enhancement in Nanoimprinted Hybrid Perovskite Metasurfaces. ACS Photonics, 2017, 4, 728-735.	6.6	131
25	Electron field emission from transparent multiwalled carbon nanotube sheets for inverted field emission displays. Carbon, 2010, 48, 41-46.	10.3	123
26	Magnetic properties of TDAE-C60and TDAE-C70, where TDAE is tetrakis(dimethylamino)ethylene. Physical Review B, 1993, 47, 7554-7559.	3.2	121
27	Transparent carbon nanotube sheets as 3-D charge collectors in organic solar cells. Solar Energy Materials and Solar Cells, 2007, 91, 416-419.	6.2	119
28	Multifunctional carbon nanotube yarns and transparent sheets: Fabrication, properties, and applications. Physica B: Condensed Matter, 2007, 394, 339-343.	2.7	116
29	Structural Model for Dry-Drawing of Sheets and Yarns from Carbon Nanotube Forests. ACS Nano, 2011, 5, 985-993.	14.6	116
30	Optical, Electrical, and Electromechanical Properties of Hybrid Graphene/Carbon Nanotube Films. Advanced Materials, 2015, 27, 3053-3059.	21.0	114
31	Exciton versus Free Carrier Photogeneration in Organometal Trihalide Perovskites Probed by Broadband Ultrafast Polarization Memory Dynamics. Physical Review Letters, 2015, 114, 116601.	7.8	113
32	Room-Temperature Lasing from Mie-Resonant Nonplasmonic Nanoparticles. ACS Nano, 2020, 14, 8149-8156.	14.6	105
33	PbSe nanocrystal/conducting polymer solar cells with an infrared response to 2 micron. Journal of Materials Research, 2007, 22, 2204-2210.	2.6	102
34	Semi-transparent small molecule organic solar cells with laminated free-standing carbon nanotube top electrodes. Solar Energy Materials and Solar Cells, 2012, 96, 244-250.	6.2	100
35	Imprinted large-scale high density polymer nanopillars for organic solar cells. Journal of Vacuum Science & Technology B, 2008, 26, 2562-2566.	1.3	97
36	Tunable Hybrid Fano Resonances in Halide Perovskite Nanoparticles. Nano Letters, 2018, 18, 5522-5529.	9.1	94

#	Article	IF	Citations
37	Laser-like emission in opal photonic crystals. Optics Communications, 1999, 162, 241-246.	2.1	92
38	Multiwalled carbon nanotube sheets as transparent electrodes in high brightness organic light-emitting diodes. Applied Physics Letters, 2008, 93, .	3.3	84
39	Remote heteroepitaxy of GaN microrod heterostructures for deformable light-emitting diodes and wafer recycle. Science Advances, 2020, 6, eaaz5180.	10.3	80
40	Wavelength Dependence of Junction Characteristics of Poly(3-alkylthiophene)/C60Layer. Japanese Journal of Applied Physics, 1993, 32, L873-L874.	1.5	77
41	Photoconductivity of poly(2,5-diheptyloxy-p-phenylene vinylene) in the air atmosphere: Magnetic-field effect and mechanism of generation and recombination of charge carriers. Physical Review B, 1996, 53, 4498-4508.	3.2	76
42	Negative Poisson's Ratios for Extreme States of Matter. Science, 2000, 288, 2018-2022.	12.6	74
43	The Optical Properties of Porous Opal Crystals Infiltrated with Organic Molecules. Japanese Journal of Applied Physics, 1997, 36, L714-L717.	1.5	73
44	Doping effect of buckminsterfullerene in poly(2,5â€dialkoxyâ€pâ€phenylene vinylene). Journal of Applied Physics, 1993, 74, 2860-2865.	2.5	72
45	Electrical Conductivity and ESR Spectrum of Buckminsterfullerene-Doped Poly(3-alkylthiophene). Japanese Journal of Applied Physics, 1992, 31, L890-L893.	1.5	70
46	Electronic structure of CsPbBr_{3â^'x}Cl_x perovskites: synthesis, experimental characterization, and DFT simulations. Physical Chemistry Chemical Physics, 2019, 21, 18930-18938.	2.8	68
47	Nonlinear optical properties of boron doped single-walled carbon nanotubes. Nanoscale, 2013, 5, 7271.	5.6	65
48	Template synthesis of ordered arrays of mesoporous titania spheres. Chemical Communications, 2010, 46, 1872-1874.	4.1	59
49	A Few-Minute Synthesis of CsPbBr₃ Nanolasers with a High Quality Factor by Spraying at Ambient Conditions. ACS Applied Materials & Interfaces, 2019, 11, 1040-1048.	8.0	58
50	Evacuated tube solar collector with multifunctional absorber layers. Solar Energy, 2017, 146, 342-350.	6.1	57
51	Metal Sphere Photonic Crystals by Nanomolding. Journal of the American Chemical Society, 2001, 123, 763-764.	13.7	51
52	Structure and process-dependent properties of solid-state spun carbon nanotube yarns. Journal of Physics Condensed Matter, 2010, 22, 334221.	1.8	51
53	Temperature and Time Dependence of Heat Treatment of RR-P3HT/PCBM Solar Cell. Synthetic Metals, 2005, 154, 41-44.	3.9	48
54	Bright and Effectual Perovskite Light-Emitting Electrochemical Cells Leveraging Ionic Additives. ACS Energy Letters, 2019, 4, 2922-2928.	17.4	47

#	Article	IF	Citations
55	Properties of Abrikosov lattices as photonic crystals. Physical Review B, 2004, 70, .	3.2	43
56	Flexible Thermoelectric Polymer Composites Based on a Carbon Nanotubes Forest. Advanced Functional Materials, 2018, 28, 1801246.	14.9	37
57	Photoinduced Optical Transparency in Dye-Sensitized Solar Cells Containing Graphene Nanoribbons. Journal of Physical Chemistry C, 2011, 115, 25125-25131.	3.1	35
58	Nanoimprinted perovskite metasurface for enhanced photoluminescence. Optics Express, 2017, 25, A1162.	3.4	35
59	Multilayer encapsulation of plastic photovoltaic devices. Synthetic Metals, 2005, 155, 332-335.	3.9	34
60	Reconfigurable Perovskite LEC: Effects of Ionic Additives and Dual Function Devices. Advanced Optical Materials, 2021, 9, 2001715.	7.3	33
61	Hole mobility enhancement by chain alignment in nanoimprinted poly(3-hexylthiophene) nanogratings for organic electronics. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2010, 28, C6M63-C6M67.	1.2	28
62	Enhanced Operational Stability of Perovskite Lightâ€Emitting Electrochemical Cells Leveraging Ionic Additives. Advanced Optical Materials, 2020, 8, 2000226.	7.3	28
63	Perovskite nanowire lasers on low-refractive-index conductive substrate for high-Q and low-threshold operation. Nanophotonics, 2020, 9, 3977-3984.	6.0	28
64	Photoconductivity in C60 doped polyacetylene derivative. Solid State Communications, 1994, 90, 41-45.	1.9	27
65	Electrical and optical properties of molecularly doped conducting polymers. Synthetic Metals, 1996, 78, 301-312.	3.9	27
66	Electrochemically Tuned Properties for Electrolyteâ€Free Carbon Nanotube Sheets. Advanced Functional Materials, 2009, 19, 2266-2272.	14.9	27
67	Continuous-wave operation in directly patterned perovskite distributed feedback light source at room temperature. Optics Letters, 2018, 43, 611.	3.3	27
68	Active Perovskite Hyperbolic Metasurface. ACS Photonics, 2020, 7, 1754-1761.	6.6	27
69	Superconductivity in Pb inverse opal. Physica C: Superconductivity and Its Applications, 2007, 453, 15-23.	1.2	26
70	Surface Energy-Driven Preferential Grain Growth of Metal Halide Perovskites: Effects of Nanoimprint Lithography Beyond Direct Patterning. ACS Applied Materials & Interfaces, 2021, 13, 5368-5378.	8.0	26
71	Organic Photovoltaic Cell with Donor-Acceptor Double Heterojunctions. Japanese Journal of Applied Physics, 1996, 35, L1438-L1441.	1.5	25
72	Characteristics of buckminsterfullerene doped conducting polymer. Synthetic Metals, 1993, 56, 2991-2996.	3.9	24

#	Article	IF	Citations
73	Optical characteristics of SiO2 photonic band-gap crystal with ferroelectric perovskite oxide. Applied Physics Letters, 2002, 81, 4440-4442.	3.3	24
74	Combined alternative electrodes for semi-transparent and ITO-free small molecule organic solar cells. Organic Electronics, 2012, 13, 2422-2428.	2.6	24
75	Granular superconductivity in a conducting polymer-fullerene-alkali metal composite. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 205, 317-326.	2.1	23
76	Magnetic properties of higher fullerides TDAE-C84, -C90 and -C96. Solid State Communications, 1993, 85, 69-72.	1.9	22
77	Weak suppression of ferromagnetism in tetrakis(dimethylamino)ethylene-(C60)1â^'x(C70)x. Physical Review B, 1995, 51, 990-995.	3.2	22
78	Controlling the Optical, Electrical and Chemical Properties of Carbon Inverse Opal by Nitrogen Doping. Advanced Functional Materials, 2014, 24, 2612-2619.	14.9	22
79	Efficient Low Bandgap Polymer Solar Cell with Ordered Heterojunction Defined by Nanoimprint Lithography. ACS Applied Materials & Interfaces, 2014, 6, 19282-19287.	8.0	22
80	Silver Nanowires on Carbon Nanotube Aerogel Sheets for Flexible, Transparent Electrodes. ACS Applied Materials & Interfaces, 2019, 11, 32235-32243.	8.0	22
81	Photoluminescence Quenching in Polysilanes by Fullerene Doping and Effective Photoinduced Charge Transfer Depending on Aromatic Side Group. Japanese Journal of Applied Physics, 1995, 34, L141-L144.	1.5	21
82	Novel Optical Properties of Fullerene Doped Conducting Polymers: Scenario of Photo Process, Persistent Photoconductivity and Enhanced Electroluminescence Quenching. Molecular Crystals and Liquid Crystals, 1994, 256, 343-357.	0.3	20
83	Effects of nanostructure geometry on nanoimprinted polymer photovoltaics. Nanoscale, 2014, 6, 7576-7584.	5.6	20
84	Large Molecular Weight Polymer Solar Cells with Strong Chain Alignment Created by Nanoimprint Lithography. ACS Applied Materials & Interfaces, 2016, 8, 7300-7307.	8.0	20
85	More Powerful Twistron Carbon Nanotube Yarn Mechanical Energy Harvesters. Advanced Materials, 2022, 34, e2201826.	21.0	20
86	Light-emitting perovskite solar cell with segregation enhanced self doping. Applied Surface Science, 2019, 476, 486-492.	6.1	19
87	Electrical Properties of a Periodic Porous Carbon Replica of Opal. Japanese Journal of Applied Physics, 1999, 38, 4926-4929.	1.5	18
88	Three-dimensionally periodic conductive nanostructures: network versus cermet topologies for metallic PBG. Synthetic Metals, 2001, 116, 419-426.	3.9	18
89	Synthesis and Characterization of a Novel Symmetrical Sulfone-Substituted Polyphenylene Vinylene (SO₂EH-PPV) for Applications in Light Emitting Devices. Journal of Physical Chemistry B, 2013, 117, 4442-4448.	2.6	17
90	Flexible, Ultralight, Porous Superconducting Yarns Containing Shellâ€Core Magnesium Diborideâ€“Carbon Nanotube Nanofibers. Advanced Materials, 2014, 26, 7510-7515.	21.0	17

#	Article	IF	Citations
91	Dual use of carbon nanotube selective coatings in evacuated tube solar collectors. Carbon, 2017, 119, 133-141.	10.3	17
92	Pure Blue Electroluminescence by Differentiated Ion Motion in a Single Layer Perovskite Device. Advanced Functional Materials, 2021, 31, 2102006.	14.9	17
93	Biophysical interactions between pancreatic cancer cells and pristine carbon nanotube substrates: Potential application for pancreatic cancer tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1637-1644.	3.4	17
94	Difference in Doping Effects of C60and C70in Poly(3-hexylthiophene). Japanese Journal of Applied Physics, 1993, 32, L140-L143.	1.5	16
95	CVD synthesis of carbon-based metallic photonic crystals. Scripta Materialia, 1999, 12, 1089-1095.	0.5	16
96	Enhanced terahertz emission from imprinted halide perovskite nanostructures. Nanophotonics, 2020, 9, 187-194.	6.0	16
97	Persistent Photoconductivity in $f C_{60}$-Doped Poly(3-alkylthiophene). Japanese Journal of Applied Physics, 1995, 34, L127-L130.	1.5	15
98	Bright Single-Layer Perovskite Hostâ€“Ionic Guest Light-Emitting Electrochemical Cells. Chemistry of Materials, 2021, 33, 1201-1212.	6.7	15
99	Nanophotonics for Perovskite Solar Cells. Advanced Photonics Research, 2022, 3, .	3.6	15
100	Weak charge transfer dopants in conducting polymers: Possible sensibilization of photoconductivity. Synthetic Metals, 1991, 43, 3393.	3.9	14
101	Phenothiazine Semiconducting Polymer for Lightâ€Emitting Diodes. Macromolecular Chemistry and Physics, 2013, 214, 572-577.	2.2	14
102	Upper Critical Field and Kondo Effects in Fe(Te0.9Se0.1) Thin Films by Pulsed Field Measurements. Scientific Reports, 2016, 6, 21469.	3.3	14
103	Suppression of Electric Field-Induced Segregation in Sky-Blue Perovskite Light-Emitting Electrochemical Cells. Nanomaterials, 2020, 10, 1937.	4.1	14
104	Multiphase superconductivity in OO-PPV/C60 composite doped by alkali metals low-field microwave absorption and SQUID study. Physica C: Superconductivity and Its Applications, 1996, 264, 161-171.	1.2	13
105	Nanoimprinted P3HT/C60 solar cells optimized by oblique deposition of C60. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2010, 28, C6M104-C6M107.	1.2	13
106	Pristine carbon nanotube scaffolds for the growth of chondrocytes. Journal of Materials Chemistry B, 2017, 5, 8178-8182.	5.8	13
107	Suppression of magnetism of TDAE-(C60)1â^'x(C70)x molecular alloys. Solid State Communications, 1993, 87, 1055-1059.	1.9	12
108	Novel Photophysical Properties of Fullerene Doped Conducting Polymers. Molecular Crystals and Liquid Crystals, 1994, 255, 197-211.	0.3	12

#	Article	IF	Citations
109	Weavable dye sensitized solar cells exploiting carbon nanotube yarns. Applied Physics Letters, 2013, 102, .	3.3	12
110	Engineering the Charge Transport Properties of Resonant Silicon Nanoparticles in Perovskite Solar Cells. Energy Technology, 2020, 8, 1900877.	3.8	12
111	Quasi-CW Lasing from Directly Patterned and Encapsulated Perovskite Cavity at 260 K. ACS Photonics, 2022, 9, 1984-1991.	6.6	12
112	Infrared Spectra and Photoinduced Absorption of C60 Doped Polyhexylthiophene. Molecular Crystals and Liquid Crystals, 1994, 256, 927-932.	0.3	11
113	Thermal properties of carbon inverse opal photonic crystals. Journal of Luminescence, 2007, 125, 11-17.	3.1	11
114	Polarons and solitons in composite q-1-d systems: Vectorial separation of charges. Interchain molecular photocell. Synthetic Metals, 1988, 27, A51-A60.	3.9	10
115	Annealing effect of the superconducting phase of sodium-nitrogen-C60 fulleride, prepared from Na-azide. Solid State Communications, 1994, 92, 547-552.	1.9	9
116	Enhanced Thermoelectric Properties of Poly(3-hexylthiophene) through the Incorporation of Aligned Carbon Nanotube Forest and Chemical Treatments. ACS Omega, 2021, 6, 1073-1082.	3.5	8
117	Alkali-metal doping of fullerene-conducting polymer composite: evolution of conductivity and ESR. Synthetic Metals, 1996, 77, 291-297.	3.9	6
118	Inverse gold photonic crystals and conjugated polymer coated opals for functional materials. Physica B: Condensed Matter, 2003, 338, 165-170.	2.7	6
119	Electromagnetic field structure and quenching in one-dimensional photonic crystals. , 2003, 5065, 97.		6
120	Superconducting properties of FeSexTe1âˆ’xthin film with a composition close to antiferromagnetic ordering. Superconductor Science and Technology, 2013, 26, 112001.	3.5	6
121	Electrochemically gated organic photovoltaic with tunable carbon nanotube cathodes. Applied Physics Letters, 2013, 103, .	3.3	6
122	Tunable organic PV parallel tandem with ionic gating. Journal of Renewable and Sustainable Energy, 2017, 9, .	2.0	6
123	Tuning Color Temperature of White OLEDs in Parallel Tandems. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700283.	1.8	6
124	Leveraging a Stable Perovskite Composite to Satisfy Blue Electroluminescence Standards. , 2021, 3, 1357-1362.		6
125	Charge Transfer in Fullerene-Conducting Polymer Compositex: Electronic and Excitonic Properties. Fullerenes, Nanotubes, and Carbon Nanostructures, 1997, 5, 1359-1386.	0.6	5
126	Optimization of postproduction heat treatment for plastic solar cells. , 2004, 5520, 256.		5

#	Article	IF	Citations
127	White light emission from a blue polymer light emitting diode combined with <scp>YAG</scp>:<scp>C</scp>e³⁺ nanoparticles. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 651-655.	1.8	5
128	Nanocomposite solar cells based on conjugated polymer / PbSe quantum dot. , 2005, , .		4
129	Light Propagation in Liquid Crystal Infiltrated Two-Dimensional Photonic Crystal at a High-Order Photonic Band. Molecular Crystals and Liquid Crystals, 2011, 545, 67/[1291]-76/[1300].	0.9	4
130	Semi-transparent polymer light emitting diodes with multiwall carbon nanotubes as cathodes. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2828-2832.	1.8	4
131	Tunable color parallel tandem organic light emitting devices with carbon nanotube and metallic sheet interlayers. Journal of Applied Physics, 2015, 118, 194502.	2.5	4
132	High Efficiency P3HT/PCBM Solar Cell. Materials Research Society Symposia Proceedings, 2004, 836, L3.2.1.	0.1	3
133	Effects of nanostructure geometry on polymer chain alignment and device performance in nanoimprinted polymer solar cell. Proceedings of SPIE, 2013, , .	0.8	3
134	Perovskite Based Hybrid Solar Cells with Transparent Carbon Nanotube electrodes. Materials Research Society Symposia Proceedings, 2014, 1667, 20.	0.1	3
135	Ambient Method for the Production of an Ionically Gated Carbon Nanotube Common Cathode in Tandem Organic Solar Cells. Journal of Visualized Experiments, 2014, , e52380.	0.3	3
136	Ionically Gated Small-Molecule OPV: Interfacial Doping of Charge Collector and Transport Layer. ACS Applied Materials & Interfaces, 2021, 13, 8606-8619.	8.0	3
137	Microwave conductance of aligned multiwall carbon nanotube textile sheets. Applied Physics Letters, 2014, 105, 263105.	3.3	2
138	Effect of high-pressure fluorination on electrical properties of multi-walled carbon nanotubes sheet. EPJ Applied Physics, 2015, 72, 20403.	0.7	2
139	Carbon Nanotube Dry Spinnable Sheets for Solar Selective Coatings by Lamination. Eurasian Chemico-Technological Journal, 2017, 18, 241.	0.6	2
140	An improved model for describing the net carrier recombination rate in semiconductor devices. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	2
141	Cathodoluminescence from organic bilayer induced by field electron emission of carbon nanotubes. Synthetic Metals, 2005, 155, 258-261.	3.9	1
142	Dry Drawn Multiwall Carbon Nanotube Sheet as a Counter Electrode for Dye-Sensitized Solar Cells: Multilayer Optimization. Advanced Materials Research, 0, 622-623, 833-837.	0.3	1
143	OPV Tandems with CNTS: Why Are Parallel Connections Better Than Series Connections. NATO Science for Peace and Security Series B: Physics and Biophysics, 2013, , 179-204.	0.3	1
144	Microwave conductance properties of aligned multiwall carbon nanotube textile sheets. Journal of Applied Physics, 2015, 118, 014308.	2.5	1

#	Article	IF	Citations
145	Perovskite Lightâ€Emitting Electrochemical Cells: Enhanced Operational Stability of Perovskite Lightâ€Emitting Electrochemical Cells Leveraging Ionic Additives (Advanced Optical Materials 13/2020). Advanced Optical Materials, 2020, 8, 2070052.	7.3	1
146	Electrodeposition of Three-Dimensionally Periodic Metal Meshes and Spheres. Materials Research Society Symposia Proceedings, 2000, 636, 9161.	0.1	0
147	Excitations in opal photonic crystals infiltrated with polarizable media. , 2002, , .		0
148	Cathodoluminescence and electroluminescence from multi-layered organic structures induced by field electron emission from carbon nanotubes. , 2005, , .		0
149	Superconductivity in an Inhomogeneous Bundle of Metallic and Semiconducting Nanotubes. Journal of Nanotechnology, 2013, 2013, 1-6.	3.4	0
150	Solar Thermal Collector With Multifunctional Absorber Layers. , 2017, , .		0
151	Improvement of methylammonium lead iodide based perovskite solar cells by phosphorus doped silicon nanoparticles. AIP Conference Proceedings, 2020, , .	0.4	0
152	Polymer modification of perovskite solar cells to increase open-circuit voltage. AIP Conference Proceedings, 2020, , .	0.4	0
153	Reconfigurable Perovskite LEC: Effects of Ionic Additives and Dual Function Devices (Advanced Optical) Tj ETQq1 1 0.784314 rgBT /O	7.3	0
154	Pure Blue Electroluminescence: Pure Blue Electroluminescence by Differentiated Ion Motion in a Single Layer Perovskite Device (Adv. Funct. Mater. 31/2021). Advanced Functional Materials, 2021, 31, 2170228.	14.9	0
155	Investigation of degradation processes in perovskite under the influence of external factors. Kompleksnoe IspolÊ¹zovanie MineralÊ¹nogo SyrÊ¹Ã¢/Complex Use of Mineral Resources/Mineraldik Shikisattardy Keshendi Paidalanu, 2021, 3, 19-24.	0.2	0
156	Effect of Solvent Annealing on Optical Properties of Perovskite Dualfunctional Devices. Solid State Phenomena, 0, 312, 185-191.	0.3	0