

# Run Hu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

156  
papers

6,326  
citations

42  
h-index

76  
g-index

178  
ext. papers

8,201  
ext. citations

9.6  
avg, IF

6.53  
L-index

#	Paper	IF	Citations
156	Near-field thermophotonic system for power generation and electroluminescent refrigeration. <i>Applied Physics Letters</i> , <b>2022</b> , 120, 053902	3.4	3
155	Temporally-adjustable radiative thermal diode based on metal-insulator phase change. <i>International Journal of Heat and Mass Transfer</i> , <b>2022</b> , 185, 122443	4.9	2
154	Passive ultra-conductive thermal metamaterials.. <i>Advanced Materials</i> , <b>2022</b> , e2200329	24	2
153	Self-switchable radiative cooling. <i>Matter</i> , <b>2022</b> , 5, 780-782	12.7	
152	Real-time Self-adaptive Thermal Metasurface.. <i>Advanced Materials</i> , <b>2022</b> , e2201093	24	2
151	High-thermopower polarized electrolytes enabled by methylcellulose for low-grade heat harvesting.. <i>Science Advances</i> , <b>2022</b> , 8, eabl5318	14.3	4
150	Robustly printable freeform thermal metamaterials. <i>Nature Communications</i> , <b>2021</b> , 12, 7228	17.4	8
149	Transforming heat transfer with thermal metamaterials and devices. <i>Nature Reviews Materials</i> , <b>2021</b> , 6, 488-507	73.3	68
148	Spin-Encoded Wavelength-Direction Multitasking Janus Metasurfaces. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2100190	8.1	28
147	Big-data-accelerated aperiodic Si/Ge superlattice prediction for quenching thermal conduction via pattern analysis. <i>Energy and AI</i> , <b>2021</b> , 3, 100046	12.6	8
146	Many-body near-field radiative heat transfer: methods, functionalities and applications. <i>Reports on Progress in Physics</i> , <b>2021</b> ,	14.4	16
145	Twistronics for photons: opinion. <i>Optical Materials Express</i> , <b>2021</b> , 11, 1377	2.6	14
144	Thermal camouflaging metamaterials. <i>Materials Today</i> , <b>2021</b> , 45, 120-141	21.8	48
143	Tailoring Light with Layered and Moiré Metasurfaces. <i>Trends in Chemistry</i> , <b>2021</b> , 3, 342-358	14.8	29
142	Quo Vadis, Metasurfaces?. <i>Nano Letters</i> , <b>2021</b> , 21, 5461-5474	11.5	34
141	Cooling of high-power LEDs by liquid sprays: Challenges and prospects. <i>Applied Thermal Engineering</i> , <b>2021</b> , 184, 115640	5.8	18
140	Thermally-enhanced nanoencapsulated phase change materials for latent functionally thermal fluid. <i>International Journal of Thermal Sciences</i> , <b>2021</b> , 159, 106619	4.1	7

139	Water droplet bouncing dynamics. <i>Nano Energy</i> , <b>2021</b> , 81, 105647	17.1	21
138	Path-Dependent Thermal Metadevice beyond Janus Functionalities. <i>Advanced Materials</i> , <b>2021</b> , 33, e2003084	1.4	6
137	Adaptive Radiative Thermal Camouflage via Synchronous Heat Conduction. <i>Chinese Physics Letters</i> , <b>2021</b> , 38, 010502	1.8	5
136	Diffusive nonreciprocity and thermal diode. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	12
135	Thermal Nanostructure Design by Materials Informatics. <i>Springer Series in Materials Science</i> , <b>2021</b> , 153-195	1.9	9
134	High-throughput screening of a high-Q mid-infrared Tamm emitter by material informatics. <i>Optics Letters</i> , <b>2021</b> , 46, 888-891	3	12
133	Design of ultrathin thermal meta-substrate for uniform cooling. <i>Europhysics Letters</i> , <b>2021</b> , 135, 26003	1.6	1
132	Manipulating heat transport of photoluminescent composites in LEDs/LDs. <i>Journal of Applied Physics</i> , <b>2021</b> , 130, 070906	2.5	3
131	Inverse design of rotating metadevice for adaptive thermal cloaking. <i>International Journal of Heat and Mass Transfer</i> , <b>2021</b> , 176, 121417	4.9	8
130	Colored radiative cooling: How to balance color display and radiative cooling performance. <i>International Journal of Thermal Sciences</i> , <b>2021</b> , 170, 107172	4.1	10
129	Liquid Thermocells Enable Low-Grade Heat Harvesting. <i>Matter</i> , <b>2020</b> , 3, 1400-1402	12.7	14
128	3D-Printed Curved Metasurface with Multifunctional Wavefronts. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 2000129	8.1	11
127	Artificial Metaphotonics Born Naturally in Two Dimensions. <i>Chemical Reviews</i> , <b>2020</b> , 120, 6197-6246	68.1	42
126	Machine-Learning-Optimized Aperiodic Superlattice Minimizes Coherent Phonon Heat Conduction. <i>Physical Review X</i> , <b>2020</b> , 10,	9.1	29
125	Emerging Materials and Strategies for Personal Thermal Management. <i>Advanced Energy Materials</i> , <b>2020</b> , 10, 1903921	21.8	115
124	Dynamic thermal camouflage via a liquid-crystal-based radiative metasurface. <i>Nanophotonics</i> , <b>2020</b> , 9, 855-863	6.3	38
123	Flexible and Robust Biomaterial Microstructured Colored Textiles for Personal Thermoregulation. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 19015-19022	9.5	49
122	Soft bimorph actuator with real-time multiplex motion perception. <i>Nano Energy</i> , <b>2020</b> , 76, 104926	17.1	52

121	Thermal routing via near-field radiative heat transfer. <i>International Journal of Heat and Mass Transfer</i> , <b>2020</b> , 150, 119346	4.9	21
120	Machine learning-optimized Tamm emitter for high-performance thermophotovoltaic system with detailed balance analysis. <i>Nano Energy</i> , <b>2020</b> , 72, 104687	17.1	29
119	Moiré Hyperbolic Metasurfaces. <i>Nano Letters</i> , <b>2020</b> , 20, 3217-3224	11.5	75
118	Radiative metasurface for thermal camouflage, illusion and messaging. <i>Optics Express</i> , <b>2020</b> , 28, 875-885	5.3	40
117	Effective medium theory for thermal scattering off rotating structures. <i>Optics Express</i> , <b>2020</b> , 28, 25894-25907	5.9	17
116	Metamaterials-Enabled Sensing for Human-Machine Interfacing. <i>Sensors</i> , <b>2020</b> , 21,	3.8	2
115	Electron mobility and mode analysis of scattering for EGaO from first principles. <i>Journal of Physics Condensed Matter</i> , <b>2020</b> , 32, 465704	1.8	3
114	Directional Janus Metasurface. <i>Advanced Materials</i> , <b>2020</b> , 32, e1906352	24	111
113	Thermally drawn advanced functional fibers: New frontier of flexible electronics. <i>Materials Today</i> , <b>2020</b> , 35, 168-194	21.8	74
112	Quenching Thermal Transport in Aperiodic Superlattices: A Molecular Dynamics and Machine Learning Study. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 8795-8804	9.5	23
111	Tunable analog thermal material. <i>Nature Communications</i> , <b>2020</b> , 11, 6028	17.4	22
110	High thermoelectric figure of merit in monolayer Tl <sub>2</sub> O from first principles. <i>Journal of Applied Physics</i> , <b>2020</b> , 128, 185111	2.5	1
109	Banyan-inspired hierarchical evaporators for efficient solar photothermal conversion. <i>Applied Energy</i> , <b>2020</b> , 276, 115545	10.7	32
108	Illusion thermotics with topology optimization. <i>Journal of Applied Physics</i> , <b>2020</b> , 128, 045106	2.5	13
107	Examining two-dimensional Fröhlich model and enhancing the electron mobility of monolayer InSe by dielectric engineering. <i>Journal of Applied Physics</i> , <b>2020</b> , 128, 035107	2.5	5
106	Experimental Investigation on the Moisture Stability of QDs-LEDs With Layered Packaging Structure. <i>IEEE Photonics Technology Letters</i> , <b>2020</b> , 32, 1423-1426	2.2	
105	Electromagnetic chirality: from fundamentals to nontraditional chiroptical phenomena. <i>Light: Science and Applications</i> , <b>2020</b> , 9, 139	16.7	85
104	A Continuously Tunable Solid-Like Convective Thermal Metadevice on the Reciprocal Line. <i>Advanced Materials</i> , <b>2020</b> , 32, e2003823	24	18

103	Polarization-Controlled Dual-Programmable Metasurfaces. <i>Advanced Science</i> , <b>2020</b> , 7, 1903382	13.6	50
102	3D Printed Meta-Helmet for Wide-Angle Thermal Camouflages. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2002061	15.6	19
101	Nanoscale thermal cloaking by in-situ annealing silicon membrane. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2019</b> , 383, 2296-2301	2.3	15
100	Spectrum Manipulation for Sound with Effective Gauge Fields in Cascading Temporally Modulated Waveguides. <i>Physical Review Applied</i> , <b>2019</b> , 11,	4.3	3
99	Encrypted Thermal Printing with Regionalization Transformation. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807849	4.1	70
98	Ion Write Microthermotics: Programing Thermal Metamaterials at the Microscale. <i>Nano Letters</i> , <b>2019</b> , 19, 3830-3837	11.5	24
97	Bio-Inspired Flexible Fluoropolymer Film for All-Mode Light Extraction Enhancement. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 19623-19630	9.5	7
96	Explosive bouncing on heated silicon surfaces under low ambient pressure. <i>Soft Matter</i> , <b>2019</b> , 15, 4320-4325	4.5	10
95	Doublet Thermal Metadevice. <i>Physical Review Applied</i> , <b>2019</b> , 11,	4.3	40
94	Analysis of elliptical thermal cloak based on entropy generation and entransy dissipation approach. <i>Chinese Physics B</i> , <b>2019</b> , 28, 087804	1.2	5
93	Two-dimensional phonon engineering triggers microscale thermal functionalities. <i>National Science Review</i> , <b>2019</b> , 6, 1071-1073	10.8	16
92	An immersed jet array impingement cooling device with distributed returns for direct body liquid cooling of high power electronics. <i>Applied Thermal Engineering</i> , <b>2019</b> , 162, 114259	5.8	24
91	Anti-parity-time symmetry in diffusive systems. <i>Science</i> , <b>2019</b> , 364, 170-173	33.3	116
90	Three-Dimensional Illusion Thermotics with Separated Thermal Illusions. <i>ES Energy &amp; Environments</i> , <b>2019</b> ,	2.9	4
89	Twisted Surface Plasmons with Spin-Controlled Gold Surfaces. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1801860	16.0	25
88	While rotating while cloaking. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2019</b> , 383, 759-763	2.3	32
87	Giant intrinsic chiro-optical activity in planar dielectric nanostructures. <i>Light: Science and Applications</i> , <b>2018</b> , 7, 17158	16.7	141
86	Illusion Thermotics. <i>Advanced Materials</i> , <b>2018</b> , 30, e1707237	24	155

85	Twisted Acoustics: Metasurface-Enabled Multiplexing and Demultiplexing. <i>Advanced Materials</i> , <b>2018</b> , 30, e1800257	24	84
84	Structured thermal surface for radiative camouflage. <i>Nature Communications</i> , <b>2018</b> , 9, 273	17.4	134
83	Modularized thermal storage unit of metal foam/paraffin composite. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 125, 596-603	4.9	34
82	Wavenumber-Splitting Metasurfaces Achieve Multichannel Diffusive Invisibility. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1800010	8.1	55
81	An optical-thermal model for laser-excited remote phosphor with thermal quenching. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 116, 694-702	4.9	77
80	Phosphor modeling based on fluorescent radiative transfer equation. <i>Optics Express</i> , <b>2018</b> , 26, 16442-16455	4.5	7
79	White-Light-Emitting Diodes: Targeting Cooling for Quantum Dots in White QDs-LEDs by Hexagonal Boron Nitride Platelets with Electrostatic Bonding (Adv. Funct. Mater. 30/2018). <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1870212	15.6	1
78	3D Metaphotonic Nanostructures with Intrinsic Chirality. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1803147	15.6	73
77	Thermal illusion with twinborn-like heat signatures. <i>International Journal of Heat and Mass Transfer</i> , <b>2018</b> , 127, 607-613	4.9	70
76	Targeting Cooling for Quantum Dots in White QDs-LEDs by Hexagonal Boron Nitride Platelets with Electrostatic Bonding. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1801407	15.6	68
75	Detecting thermal metamaterial structures by flying laser point. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1077, 012001	0.3	
74	Binary Thermal Encoding by Energy Shielding and Harvesting Units. <i>Physical Review Applied</i> , <b>2018</b> , 10,	4.3	38
73	Chirality-Assisted High-Efficiency Metasurfaces with Independent Control of Phase, Amplitude, and Polarization. <i>Advanced Optical Materials</i> , <b>2018</b> , 7, 1801479	8.1	87
72	Full-Parameter Omnidirectional Thermal Metadevices of Anisotropic Geometry. <i>Advanced Materials</i> , <b>2018</b> , 30, e1804019	24	61
71	Non-monotonously tuning thermal conductivity of graphite-nanosheets/paraffin composite by ultrasonic exfoliation. <i>International Journal of Thermal Sciences</i> , <b>2018</b> , 131, 20-26	4.1	8
70	Phosphor Temperature Overestimation in High-Power Light-Emitting Diode by Thermocouple. <i>IEEE Transactions on Electron Devices</i> , <b>2017</b> , 64, 463-466	2.9	10
69	Energy-Saving Light Source Spectrum Optimization by Considering Object's Reflectance. <i>IEEE Photonics Journal</i> , <b>2017</b> , 9, 1-11	1.8	6
68	A statistical study to identify the effects of packaging structures on lumen reliability of LEDs. <i>Microelectronics Reliability</i> , <b>2017</b> , 71, 51-55	1.2	2

67	Passive thermal management system for downhole electronics in harsh thermal environments. <i>Applied Thermal Engineering</i> , <b>2017</b> , 118, 593-599	5.8	52
66	Realization of wide circadian variability by quantum dots-luminescent mesoporous silica-based white light-emitting diodes. <i>Nanotechnology</i> , <b>2017</b> , 28, 425204	3.4	17
65	Dynamic Phosphor Sedimentation Effect on the Optical Performance of White LEDs. <i>IEEE Photonics Technology Letters</i> , <b>2017</b> , 29, 1195-1198	2.2	17
64	A modified bidirectional thermal resistance model for junction and phosphor temperature estimation in phosphor-converted light-emitting diodes. <i>International Journal of Heat and Mass Transfer</i> , <b>2017</b> , 106, 1-6	4.9	51
63	A comparative study of phosphor scattering model for phosphor-converted light-emitting diodes <b>2017</b> ,		1
62	Effect of the substrate temperature on the phosphor sedimentation of phosphor-converted LEDs <b>2017</b> ,		3
61	Thermal management of downhole electronics cooling in oil & gas well logging at high temperature <b>2016</b> ,		5
60	Directional heat transport through thermal reflection meta-device. <i>AIP Advances</i> , <b>2016</b> , 6, 125111	1.5	9
59	Heat and fluid flow in high-power LED packaging and applications. <i>Progress in Energy and Combustion Science</i> , <b>2016</b> , 56, 1-32	33.6	284
58	. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 1589-1592	2.2	11
57	Study on effective thermal conductivity of silicone/phosphor composite and its size effect by Lattice Boltzmann method. <i>Heat and Mass Transfer</i> , <b>2016</b> , 52, 2813-2821	2.2	10
56	Effect of Packaging Method on Performance of Light-Emitting Diodes With Quantum Dot Phosphor. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 1115-1118	2.2	41
55	Hybrid bilayer plasmonic metasurface efficiently manipulates visible light. <i>Science Advances</i> , <b>2016</b> , 2, e1501168	14.3	218
54	Experimental Investigation on Composite Phase-Change Material (CPCM)-Based Substrate. <i>Heat Transfer Engineering</i> , <b>2016</b> , 37, 351-358	1.7	7
53	Structural optimization for remote white light-emitting diodes with quantum dots and phosphor: packaging sequence matters. <i>Optics Express</i> , <b>2016</b> , 24, A1560-A1570	3.3	42
52	Examination of the Thermal Cloaking Effectiveness with Layered Engineering Materials. <i>Chinese Physics Letters</i> , <b>2016</b> , 33, 044401	1.8	9
51	Visible-Frequency Metasurface for Structuring and Spatially Multiplexing Optical Vortices. <i>Advanced Materials</i> , <b>2016</b> , 28, 2533-9	24	289
50	Exploring the proper experimental conditions in 2D thermal cloaking demonstration. <i>Journal Physics D: Applied Physics</i> , <b>2016</b> , 49, 415302	3	11

49	Carpet thermal cloak realization with layered thermal metamaterials: Theory and experiment <b>2016</b> ,		1
48	First-principle-based full-dispersion Monte Carlo simulation of the anisotropic phonon transport in the wurtzite GaN thin film. <i>Journal of Applied Physics</i> , <b>2016</b> , 119, 145706	2.5	11
47	Fabrication and Thermal Characterization of the Modularized Thermal Storage Unit. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2016</b> , 1-10	1.7	
46	Quantum Dots-Converted Light-Emitting Diodes Packaging for Lighting and Display: Status and Perspectives. <i>Journal of Electronic Packaging, Transactions of the ASME</i> , <b>2016</b> , 138,	2	122
45	Experimental study of measuring LED $\text{\textcircled{Q}}$ temperatures via thermocouple <b>2016</b> ,		1
44	Effect Study of Chip Offset on the Optical Performance of Light-Emitting Diode Packaging. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 1337-1340	2.2	7
43	Design of a brightness-enhancement-film-adaptive freeform lens to enhance overall performance in direct-lit light-emitting diode backlighting. <i>Applied Optics</i> , <b>2015</b> , 54, 5542-8	0.2	13
42	Invisible Sensors: Simultaneous Sensing and Camouflaging in Multiphysical Fields. <i>Advanced Materials</i> , <b>2015</b> , 27, 7752-8	24	145
41	Carpet thermal cloak realization based on the refraction law of heat flux. <i>Europhysics Letters</i> , <b>2015</b> , 111, 54003	1.6	30
40	Ultrathin pancharatnam-berry metasurface with maximal cross-polarization efficiency. <i>Advanced Materials</i> , <b>2015</b> , 27, 1195-200	24	341
39	Local heating realization by reverse thermal cloak. <i>Scientific Reports</i> , <b>2014</b> , 4, 3600	4.9	69
38	Full control and manipulation of heat signatures: cloaking, camouflage and thermal metamaterials. <i>Advanced Materials</i> , <b>2014</b> , 26, 1731-4	24	262
37	Calculation of the phosphor heat generation in phosphor-converted light-emitting diodes. <i>International Journal of Heat and Mass Transfer</i> , <b>2014</b> , 75, 213-217	4.9	38
36	Experimental demonstration of a bilayer thermal cloak. <i>Physical Review Letters</i> , <b>2014</b> , 112, 054302	7.4	362
35	An engineering method to estimate the junction temperatures of light-emitting diodes in multiple LED application. <i>Journal of the Korean Physical Society</i> , <b>2014</b> , 65, 176-184	0.6	4
34	Phosphor distribution optimization to decrease the junction temperature in white pc-LEDs by genetic algorithm. <i>International Journal of Heat and Mass Transfer</i> , <b>2014</b> , 77, 891-896	4.9	7
33	Effect of melting temperature and amount of the phase change material (PCM) on thermal performance of hybrid heat sinks <b>2014</b> ,		8
32	Manipulating DC currents with bilayer bulk natural materials. <i>Advanced Materials</i> , <b>2014</b> , 26, 3478-83	24	53



31	Study on the effect of the phosphor distribution on the phosphor layer temperature in light emitting diodes by lattice Boltzmann method <b>2014</b> ,		1
30	Is thermal management outside the package enough for higher LED reliability? <b>2014</b> ,		2
29	Theoretical realization of an ultra-efficient thermal-energy harvesting cell made of natural materials. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 3537	35.4	99
28	Creation of Ghost Illusions Using Wave Dynamics in Metamaterials. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 4028-4034	15.6	89
27	Comprehensive Study on the Transmitted and Reflected Light Through the Phosphor Layer in Light-Emitting Diode Packages. <i>Journal of Display Technology</i> , <b>2013</b> , 9, 447-452		23
26	Modeling the Light Extraction Efficiency of Bi-Layer Phosphors in White LEDs. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 1141-1144	2.2	16
25	Near-/Mid-Field Effect of Color Mixing for Single Phosphor-Converted Light-Emitting Diode Package. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 246-249	2.2	12
24	Study on phosphor sedimentation effect in white light-emitting diode packages by modeling multi-layer phosphors with the modified Kubelka-Munk theory. <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 063108	2.5	32
23	Design of double freeform-surface lens for LED uniform illumination with minimum Fresnel losses. <i>Optik</i> , <b>2013</b> , 124, 3895-3897	2.5	19
22	A small flat-plate vapor chamber fabricated by copper powder sintering and diffusion bonding for cooling electronic packages <b>2013</b> ,		3
21	Enhancing Light Output of GaN-Based LEDs With Graded-Thickness Quantum Wells and Barriers. <i>IEEE Photonics Technology Letters</i> , <b>2013</b> , 25, 1762-1765	2.2	3
20	A complementary study to "toward scatter-free phosphors in white phosphor-converted light-emitting diodes:" comment. <i>Optics Express</i> , <b>2013</b> , 21, 5071-3	3.3	11
19	Effects of current crowding on light extraction efficiency of conventional GaN-based light-emitting diodes. <i>Optics Express</i> , <b>2013</b> , 21, 25381-8	3.3	24
18	Homogeneous thermal cloak with constant conductivity and tunable heat localization. <i>Scientific Reports</i> , <b>2013</b> , 3, 1593	4.9	161
17	Design of double freeform-surface lens by distributing the deviation angle for light-emitting diode uniform illumination <b>2013</b> ,		1
16	Effect of phosphor settling on the optical performance of phosphor-converted white light-emitting diode. <i>Journal of Luminescence</i> , <b>2012</b> , 132, 1252-1256	3.8	71
15	A Model for Calculating the Bidirectional Scattering Properties of Phosphor Layer in White Light-Emitting Diodes. <i>Journal of Lightwave Technology</i> , <b>2012</b> , 30, 3376-3380	4	27
14	Optical constants study of YAG:Ce phosphor layer blended with SiO <sub>2</sub> particles by Mie theory for white light-emitting diode package. <i>Frontiers of Optoelectronics</i> , <b>2012</b> , 5, 138-146	2.8	9

13	Conformal phosphor coating using capillary microchannel for controlling color deviation of phosphor-converted white light-emitting diodes. <i>Optics Express</i> , <b>2012</b> , 20, 5092-8	3-3	50
12	Design of a novel freeform lens for LED uniform illumination and conformal phosphor coating. <i>Optics Express</i> , <b>2012</b> , 20, 13727-37	3-3	74
11	A method to design freeform lens for uniform illumination in direct-lit led backlight with high distance-height ratio <b>2012</b> ,		4
10	Angular color uniformity improvement for phosphor-converted white light-emitting diodes by optimizing remote coating phosphor geometry <b>2012</b> ,		4
9	Hotspot Location Shift in the High-Power Phosphor-Converted White Light-Emitting Diode Packages. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 09MK05	1.4	23
8	A novel LED un-symmetrical lens for road lighting with super energy saving <b>2012</b> ,		2
7	Hotspot Location Shift in the High-Power Phosphor-Converted White Light-Emitting Diode Packages. <i>Japanese Journal of Applied Physics</i> , <b>2012</b> , 51, 09MK05	1.4	37
6	Study on the Optical Properties of Conformal Coating Light-Emitting Diode by Monte Carlo Simulation. <i>IEEE Photonics Technology Letters</i> , <b>2011</b> , 23, 1673-1675	2.2	63
5	Effect of the amount of phosphor silicone gel on optical property of white light-emitting diodes packaging <b>2011</b> ,		3
4	A simple setup to test thermal contact resistance between interfaces of two contacted solid materials <b>2010</b> ,		5
3	Distributed external cloak without embedded antiobjects. <i>Optics Letters</i> , <b>2010</b> , 35, 2642-4	3	26
2	Low thermal resistance LED light source with vapor chamber coupled fin heat sink <b>2010</b> ,		9
1	Flexible Janus Functional Film for Adaptive Thermal Camouflage. <i>Advanced Materials Technologies</i> , <b>2010</b> , 2, 1008-28	3-3	5