

Heat and fluid flow in high-power LED packaging and a

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Optical performance improvement of phosphor-in-glass based white light-emitting diodes through optimized packaging structure. Applied Optics, 2016, 55, 8189.	2.1	25
2	Structural optimization for remote white light-emitting diodes with quantum dots and phosphor: packaging sequence matters. Optics Express, 2016, 24, A1560.	1.7	49
3	Spot phosphor concept applied to a remote phosphor light-emitting diode light engine. Optical Engineering, 2016, 55, 115103.	0.5	2
4	High-power white LED packaging using phosphor-in-glass and its thermal reliability. , 2016, , .		4
5	Investigation of Light Extraction by Refractive Index of an Encapsulant, a Package Structure, and Phosphor. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2016, 6, 1815-1819.	1.4	6
6	Directional heat transport through thermal reflection meta-device. AIP Advances, 2016, 6, .	0.6	14
7	Enhancing ACU of White LEDs by Phosphor Coating Based on Electrohydrodynamics. IEEE Photonics Technology Letters, 2017, 29, 393-396.	1.3	5
8	Phosphor Temperature Overestimation in High-Power Light-Emitting Diode by Thermocouple. IEEE Transactions on Electron Devices, 2017, 64, 463-466.	1.6	14
9	Realization of High Color Uniformity for Phosphor-Converted White Light-Emitting Diodes Through a Stamp-Printed Phosphor Coating. IEEE Electron Device Letters, 2017, 38, 221-224.	2.2	2
10	Luminous Properties and Thermal Reliability of Screen-Printed Phosphor-in-Glass-Based White Light-Emitting Diodes. IEEE Transactions on Electron Devices, 2017, 64, 1114-1119.	1.6	32
11	Energy-Saving Light Source Spectrum Optimization by Considering Object's Reflectance. IEEE Photonics Journal, 2017, 9, 1-11.	1.0	8
12	Bonding-induced thermal transport enhancement across a hard/soft material interface using molecular monolayers. Physical Chemistry Chemical Physics, 2017, 19, 7352-7358.	1.3	9
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15	On a relationship among optical power, current density, and junction temperature for InGaN-based light-emitting diodes. AIP Advances, 2017, 7, .	0.6	3
16	Red-emitting enhancement of Bi 4 Si 3 O 12 :Sm 3+ phosphor by Pr 3+ co-doping for White LEDs application. Ceramics International, 2017, 43, 9158-9163.	2.3	17
17	Experimental investigation of high-power light-emitting diodesâ€™ thermal management by ionic wind. Applied Thermal Engineering, 2017, 122, 49-58.	3.0	36
18	Enhancing the thermal dissipation of a light-converting composite for quantum dot-based white light-emitting diodes through electrospinning nanofibers. Nanotechnology, 2017, 28, 265204.	1.3	25

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19	Thermal characterization of multicolor LED luminaire. <i>Microelectronics Reliability</i> , 2017, 78, 379-388.	0.9	19
20	Blue light hazard optimization for white light-emitting diode sources with high luminous efficacy of radiation and high color rendering index. <i>Optics and Laser Technology</i> , 2017, 94, 193-198.	2.2	35
21	Enhanced Light Extraction From DUV-LEDs by AlN-Doped Fluoropolymer Encapsulation. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 1151-1154.	1.3	31
22	Passive thermal management system for downhole electronics in harsh thermal environments. <i>Applied Thermal Engineering</i> , 2017, 118, 593-599.	3.0	82
23	Realization of Conformal Phosphor Coating by Ionic Wind Patterning for Phosphor-Converted White LEDs. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 299-301.	1.3	5
24	Fabrication of Microlens Arrays with Controlled Curvature by Micromolding Water Condensing Based Porous Films for Deep Ultraviolet LEDs. <i>ACS Photonics</i> , 2017, 4, 2479-2485.	3.2	46
25	Applications of Light Emitting Diodes in Health Care. <i>Annals of Biomedical Engineering</i> , 2017, 45, 2509-2523.	1.3	33
26	Quantum Dot Based Enhancement or Elimination of Color Filters for Liquid Crystal Display. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017, 23, 1-4.	1.9	23
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