

Jingxin Nie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1427427/publications.pdf>

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papers

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1306789

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16
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16
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203
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Origin of Ionic Rectification in DNA-Stuffed Nanopores: The Breaking and Retrieving Symmetry. Journal of the American Chemical Society, 2017, 139, 18739-18746.	6.6	92
2	Investigation on entraining and enhancing human circadian rhythm in closed environments using daylight-like LED mixed lighting. Science of the Total Environment, 2020, 732, 139334.	3.9	33
3	Operating behavior of micro-LEDs on a GaN substrate at ultrahigh injection current densities. Optics Express, 2019, 27, A1146.	1.7	21
4	Tunable LED Lighting With Five Channels of RGCWW for High Circadian and Visual Performances. IEEE Photonics Journal, 2019, 11, 1-12.	1.0	19
5	Low blue light hazard for tunable white light emitting diode with high color fidelity and circadian performances. Optics and Laser Technology, 2021, 135, 106709.	2.2	12
6	Optimization of the dynamic light source considering human age effect on visual and non-visual performances. Optics and Laser Technology, 2022, 145, 107463.	2.2	12
7	The effects of dynamic daylight-like light on the rhythm, cognition, and mood of irregular shift workers in closed environment. Scientific Reports, 2021, 11, 13059.	1.6	10
8	Study on the Coupling Mechanism of the Orthogonal Dipoles with Surface Plasmon in Green LED by Cathodoluminescence. Nanomaterials, 2018, 8, 244.	1.9	6
9	Study on Electron-Induced Surface Plasmon Coupling with Quantum Well Using a Perturbation Method. Nanomaterials, 2020, 10, 913.	1.9	5
10	Utilization of far-red LED to minimize blue light hazard for dynamic semiconductor lighting. LEUKOS - Journal of Illuminating Engineering Society of North America, 2023, 19, 53-70.	1.5	5
11	Effects of interfaces and current spreading on the thermal transport of micro-LEDs for kA-per-square-cm current injection levels. RSC Advances, 2019, 9, 24203-24211.	1.7	4
12	Investigation on many-body effects in micro-LEDs under ultra-high injection levels. Optics Express, 2021, 29, 13219.	1.7	4
13	Effect of dipole polarization orientation on surface plasmon coupling with green emitting quantum wells by cathodoluminescence. RSC Advances, 2018, 8, 16370-16377.	1.7	3
14	Multi-chip dynamic white light emitting diode with high level photobiological safety and good color fidelity. , 2019, , .		2
15	Study on 3D thermal transport in micro-LEDs on GaN substrate at the level of kW/cm ² . , 2019, , .		0
16	Many-body Effects on the High Injection Level Performance for Micro Light Emitting Diode. , 2020, , .		0