Jingxin Nie

List of Publications by Citations

14 papers	126 citations	5 h-index	11 g-index
16 ext. papers	187 ext. citations	5.2 avg, IF	2.13 L-index

#	Paper	IF	Citations
14	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	16.4	66
13	Tunable LED Lighting With Five Channels of RGCWW for High Circadian and Visual Performances. *IEEE Photonics Journal*, **2019**, 11, 1-12	1.8	12
12	Operating behavior of micro-LEDs on a GaN substrate at ultrahigh injection current densities. *Optics Express*, **2019**, 27, A1146-A1155	3.3	11
11	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	10.2	11
10	Low blue light hazard for tunable white light emitting diode with high color fidelity and circadian performances. *Optics and Laser Technology*, **2021**, 135, 106709	4.2	6
9	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	3.7	3
8	Study on the Coupling Mechanism of the Orthogonal Dipoles with Surface Plasmon in Green LED by Cathodoluminescence. *Nanomaterials*, **2018**, 8,	5.4	3
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	4.9	3
6	Optimization of the dynamic light source considering human age effect on visual and non-visual performances. *Optics and Laser Technology*, **2022**, 145, 107463	4.2	3
5	Study on Electron-Induced Surface Plasmon Coupling with Quantum Well Using a Perturbation Method. *Nanomaterials*, **2020**, 10,	5.4	2
4	Investigation on many-body effects in micro-LEDs under ultra-high injection levels. *Optics Express*, **2021**, 29, 13219-13230	3.3	2
3	Multi-chip dynamic white light emitting diode with high level photobiological safety and good color fidelity **2019**,		2
2	Effect of dipole polarization orientation on surface plasmon coupling with green emitting quantum wells by cathodoluminescence.. *RSC Advances*, **2018**, 8, 16370-16377	3.7	1
1	Utilization of far-red LED to minimize blue light hazard for dynamic semiconductor lighting. *LEUKOS - Journal of Illuminating Engineering Society of North America*,1-18	3.5	1