

## 2020 年度光电工程学院核心论文汇总

序号	第一作者	论文题目	期刊名称	收录情况
1	杜晓娇	Visible light triggered self-breathing-like dual-photoelectrode internal-driven self-powered sensor: Metal-ligand charge transfer (MLCT) induced signal-off strategy for the microcystin-LR assay	Biosensors & bioelectronics	SCI-1 区
2	杜文汉	Bilayered BaSnO <sub>3</sub> thin film transistors on silicon substrates	Journal of Materials Chemistry C	SCI-1 区
3	卞维柏	Construction of sulfonate-functionalized micro/nano hybrid absorbent for Li <sup>+</sup> ions separation using Pickering high internal phase emulsions template	Applied Clay Science	SCI-1 区
4	郑敏	Hierarchically Anatase TiO <sub>2</sub> microspheres composed of tiny octahedra used as mesoporous layer in perovskite solar cells	Electrochimica acta	SCI-2 区
5	郑敏	Mesostructured perovskite solar cells based on Zn <sub>2</sub> SnO <sub>4</sub> Single Crystal Mesoporous Layer with efficiency	Journal of Alloys and Compounds	SCI-2 区
6	徐伟龙	Reduced graphene oxide assisted charge separation and serving as transport pathways in planar perovskite photodetector	Organic Electronics	SCI-2 区
7	徐伟龙	chemical vapor deposition growth of phase-selective inorganic lead halide perovskite films for sensitive photodetectors	Chinese chemical letters	SCI-2 区

8	王加安	Optimization lighting layout of indoor visible light communication system based on improved artificial fish swarm algorithm	Journal of Optics	SCI-3 区
9	蔡建文	Experimental study of diamond ablation based on femtosecond laser	Optik	SCI-4 区
10	陈小刚	Improved filterless sextupling Optical MM-wave generation and ROF transmission	Optik	SCI-4 区
11	卞维柏	The Effect of Heating Temperature in Ultraviolet Irradiation Process on Properties of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> Superconducting Films Processed From Photosensitive Solution	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	SCI-4 区
12	熊超	Cu <sub>2</sub> ZnSnS <sub>4</sub> (CZTS) thin films prepared by sol gel spin-coating technique	International Journal of Modern Physics B	SCI-4 区
13	潘雪涛	MECHANISM AND EXPERIMENTAL STUDY OF FEMTOSECOND-LASER SUPER-RESOLUTION PROCESSING BASED ON BEAM SHAPING TECHNOLOGY	Journal of Russian Laser Research	SCI-4 区
14	陈小刚	Mach-Zehnder modulator based octupling optical MM-wave 4PSK signal generation for RoF links	OPTOELECTRONICS AND ADVANCED MATERIALS	SCI-4 区
15	徐伟龙	Photophysical properties of micron-sized CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> single crystals	Chemical Physics	SCI 四区
16	饶丰	用芯片光谱特征参数表征双荧光粉转换型白色 LED 结温	光子学报	EI