

河南师范大学

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1	Facile Patterning of Organic Single-Crystalline Microwire Array for Mode-Tunable Microlasers and Photodetectors			Laser & Photonics Reviews	2022, 16: 2200392	SCI
2	Asymmetric Ferroelectric-Gated Two-Dimensional Transistor Integrating Self-Rectifying Photoelectric Memory and Artificial Synapse			ACS Nano	2022,16: 11218-11226	SCI
3	Tuning coherent phonon dynamics in two-dimensional phenylethylammonium lead bromide perovskites			Nano Research	2022,	SCI
4	SiC2/BP5: A pentagonal van der Waals heterostructure with tunable optoelectronic and mechanical properties			APPLIED SURFACE SCIENCE	2022 606 154857	SCI
5	Data processing method for simultaneous estimation of temperature and emissivity in multispectral thermometry			Optics Express	2022, 30: 35381-97	SCI
6	Low amplified spontaneous emission threshold from 2 thiophenemethylammonium quasi 2D perovskites via phase engineering			OPTICS EXPRESS	2022, 30(20): 36541 36551	SCI
7	Near infrared ITO based photonic hypercrystals with large angle insensitive bandgaps			OPTICS LETTERS	2022, 47(4): 917 920	SCI
8	Reconfigurable band alignment of m-GaS/n-XTe2 (X = Mo, W) multilayer van der Waals heterostructures for photoelectric applications			PHYSICAL REVIEW B	2022, 106 (12) 125306	SCI
9	Magnetoelectric coupling effects on the band alignments of multiferroic In2Se3-CrI3 trilayer heterostructures			Nanoscale	2022, 14(14), 5454	SCI
10	Ultrafast dynamics of dual fluorescence of 2-(2'-hydroxyphenyl) benzothiazole			Journal Of Luminescence	2022, 248: 118922	SCI

	apparatus simultaneously collecting the blackbody and sample radiation			Instruments		
24	Multi-band perfect absorber based on graphene monolayer coupled to photonic nanostructure			Applied Physics Express	2022, 15: 072005	SCI
25	Transient Absorption Spectroscopy of a Carbazole-Based Room-Temperature Phosphorescent Molecule: Real-Time Monitoring of Singlet-Triplet Transitions			Journal Of Physical Chemistry Letters	2022, 13: 9381-9	SCI
26	Application of spectral emissivity of tc4 alloy in oxidation kinetics study			Heat Transfer Research	2022, 53: 27-38	SCI
27	Measurements and model analytics for spectral band emissivity of pure aluminum during thermal oxidation below the melting temperature			Heat Transfer Research	2022, 53: 79-91	SCI
28	Strongly coupled surface plasmon resonance modes at both FF and SH in clusters of symmetrically distributed metallic nanospheres			Journal Of Physics D- Applied Physics	2022, 55: 485103	SCI

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