

Tengteng Li

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

505
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759233

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26
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrabroadband, Ultraviolet to Terahertz, and High Sensitivity CH ₃ NH ₃ PbI ₃ Perovskite Photodetectors. Nano Letters, 2020, 20, 5646-5654.	9.1	73
2	Additive stabilization of SEI on graphite observed using cryo-electron microscopy. Energy and Environmental Science, 2021, 14, 4882-4889.	30.8	73
3	Light assisted multilevel resistive switching memory devices based on all-inorganic perovskite quantum dots. Applied Physics Letters, 2019, 114, .	3.3	55
4	A fast response, self-powered and room temperature near infrared-terahertz photodetector based on a MAPbI ₃ /PEDOT:PSS composite. Journal of Materials Chemistry C, 2020, 8, 12148-12154.	5.5	41
5	Broadband photoelectric tunable quantum dot based resistive random access memory. Journal of Materials Chemistry C, 2020, 8, 2178-2185.	5.5	37
6	Nonvolatile photoelectric memory with CsPbBr ₃ quantum dots embedded in poly(methyl Tj ETQqO O O rgBT /Overlock 10 Tf 50 542 Td	2.6	24
7	High-performance self-powered perovskite photodetector for visible light communication. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	24
8	Photoerasable Organic Field-Effect Transistor Memory Based on a One-Step Solution-Processed Hybrid Floating Gate Layer. Journal of Physical Chemistry C, 2020, 124, 23343-23351.	3.1	24
9	Grapheneâ€™polyimide-integrated metasurface for ultrasensitive modulation of higher-order terahertz fano resonances at the Dirac point. Applied Surface Science, 2021, 562, 150182.	6.1	21
10	Bacterial taxa and fungal diversity are the key factors determining soil multifunctionality in different cropping systems. Land Degradation and Development, 2021, 32, 5012-5022.	3.9	15
11	Environment-friendly antisolvent tert-amyl alcohol modified hybrid perovskite photodetector with high responsivity. Photonics Research, 2021, 9, 781.	7.0	13
12	Ultra-sensitive Dirac-point-based biosensing on terahertz metasurfaces comprising patterned graphene and perovskites. Photonics Research, 2022, 10, 280.	7.0	13
13	Dual-Stimulus Control for Ultra-Wideband and Multidimensional Modulation in Terahertz Metasurfaces Comprising Graphene and Metal Halide Perovskites. ACS Applied Materials & Interfaces, 2022, 14, 2155-2165.	8.0	13
14	Inhibition of buried cavities and defects in metal halide perovskite photodetectors <i>via</i> a two-step spin-coating method. Journal of Materials Chemistry C, 2022, 10, 7886-7895.	5.5	13
15	Stable Lithium Metal Anodes with a GaO_x Artificial Solid Electrolyte Interphase in Damp Air. ACS Applied Materials & Interfaces, 2021, 13, 21467-21473.	8.0	9
16	<i>In situ</i> growth of a 2D assisted passivation layer enabling high-performance and stable 2D/3D stacked perovskite photodetectors for visible light communication applications. Journal of Materials Chemistry C, 2022, 10, 6846-6856.	5.5	9
17	Excess polymer-assisted crystal growth method for high-performance perovskite photodetectors. Journal of Alloys and Compounds, 2022, 908, 164482.	5.5	9
18	Low-Toxicity Antisolvent as a Polar Auxiliary Agent for High-Performance Perovskite Photodetectors. Journal of Physical Chemistry C, 2021, 125, 2850-2859.	3.1	8

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19	High-Power High-Repetition-Rate Tunable Yellow Light Generation by an Intracavity-Frequency-Doubled Singly Resonant Optical Parametric Oscillator. IEEE Photonics Journal, 2020, 12, 1-10.	2.0	6
20	Dual-functional optoelectronic memories based on ternary hybrid floating gate layers. Nanoscale, 2021, 13, 3295-3303.	5.6	6
21	13.7-W 588-nm Yellow Laser Generation by Frequency Doubling of 885-nm Side-Pumped Nd:YAG-YVO ₄ Intracavity Raman Laser. IEEE Photonics Journal, 2020, 12, 1-7.	2.0	5
22	Nucleation management for the ambient fabrication of high-performance perovskite photodetectors with the eco-friendly <i>tert</i> -butanol anti-solvent. Journal of Materials Chemistry C, 2021, 9, 8650-8658.	5.5	4
23	Hybrid Floating Gate Memory with a Large Memory Window Based on the Sandwich Structure. Journal of Physical Chemistry C, 2021, 125, 12903-12909.	3.1	4
24	Efficient and Tunable 1.6- μ m MgO:PPLN Optical Parametric Oscillator Pumped by Nd:YVO ₄ /YVO ₄ Raman Laser. IEEE Photonics Journal, 2020, 12, 1-7.	2.0	3
25	Low operating voltage monolithic stacked perovskite photodetectors for imaging applications. Optical Materials Express, 2021, 11, 1004.	3.0	3