

Qingyan Li

List of Publications by Year in descending order

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26
papers

534
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687363

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27
times ranked

650
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrabroadband, Ultraviolet to Terahertz, and High Sensitivity CH ₃ NH ₃ Pb ₃ Perovskite Photodetectors. Nano Letters, 2020, 20, 5646-5654.	9.1	73
2	Isolation and characterization of atrazine-degrading <i>Arthrobacter</i> sp. AD26 and use of this strain in bioremediation of contaminated soil. Journal of Environmental Sciences, 2008, 20, 1226-1230.	6.1	72
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	Ultraviolet-to-microwave room-temperature photodetectors based on three-dimensional graphene foams. Photonics Research, 2020, 8, 368.	7.0	28
7	Self-driven visible-near infrared photodetector with vertical CsPbBr ₃ /PbS quantum dots heterojunction structure. Nanotechnology, 2020, 31, 035202.	2.6	25
8	Self-powered, flexible, and ultrabroadband ultraviolet-terahertz photodetector based on a laser-reduced graphene oxide/CsPbBr ₃ composite. Photonics Research, 2020, 8, 1301.	7.0	25
9	Nonvolatile photoelectric memory with CsPbBr ₃ quantum dots embedded in poly(methyl) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf	2.6	24
10	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
11	Low-voltage all-inorganic perovskite quantum dot transistor memory. Applied Physics Letters, 2018, 112, .	3.3	19
12	Thermostable Cyanuric Acid Hydrolase from <i>Moorella thermoacetica</i> ATCC 39073. Applied and Environmental Microbiology, 2009, 75, 6986-6991.	3.1	16
13	Light enhanced low-voltage nonvolatile memory based on all-inorganic perovskite quantum dots. Nanotechnology, 2019, 30, 37LT01.	2.6	13
14	Environment-friendly antisolvent tert-amyl alcohol modified hybrid perovskite photodetector with high responsivity. Photonics Research, 2021, 9, 781.	7.0	13
15	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
16	Improving performance of hybrid perovskite/graphene-based photodetector via hot carriers injection. Journal of Alloys and Compounds, 2022, 895, 162496.	5.5	10
17	<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
18	Excess polymer-assisted crystal growth method for high-performance perovskite photodetectors. Journal of Alloys and Compounds, 2022, 908, 164482.	5.5	9

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19	Low-Toxicity Antisolvent as a Polar Auxiliary Agent for High-Performance Perovskite Photodetectors. <i>Journal of Physical Chemistry C</i> , 2021, 125, 2850-2859.	3.1	8
20	Dual-functional optoelectronic memories based on ternary hybrid floating gate layers. <i>Nanoscale</i> , 2021, 13, 3295-3303.	5.6	6
21	The effect of Zn incorporation on the optical band gap of CuGaS ₂ : Ti thin films. <i>Materials Letters</i> , 2018, 210, 70-72.	2.6	4
22	Nucleation management for the ambient fabrication of high-performance perovskite photodetectors with the eco-friendly tert-butanol anti-solvent. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8650-8658.	5.5	4
23	Hybrid Floating Gate Memory with a Large Memory Window Based on the Sandwich Structure. <i>Journal of Physical Chemistry C</i> , 2021, 125, 12903-12909.	3.1	4
24	Enhanced detectivity of PbS quantum dots infrared photodetector by introducing the tunneling effect of PMMA. <i>Nanotechnology</i> , 2021, 32, 195502.	2.6	2
25	Low-voltage organic field-effect transistors photonic memory with solution-processed blocking dielectric layer and photosensitive charge trapping layer. , 2020, , .		0
26	Infrared detectors based on laser-reduced graphene oxide /PEDOT:PSS/perovskite hybrid. , 2020, , .		0