

New concept ultraviolet photodetectors

Materials Today

18, 493-502

DOI: [10.1016/j.mattod.2015.06.001](https://doi.org/10.1016/j.mattod.2015.06.001)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Influence of Different Partial Pressure on the Fabrication of InGaO Ultraviolet Photodetectors. Sensors, 2016, 16, 2145.	2.1	14
2	Si(C ₆₀) ₄ -Based Single-Crystalline Semiconductor: Diamond-like Superlight and Superflexible Wide-Bandgap Material for the UV Photoconductive Device. ACS Applied Materials & Interfaces, 2016, 8, 16551-16554.	4.0	17
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4	Active Adoption of Void Formation in Metal-Oxide for All Transparent Super-Performing Photodetectors. Scientific Reports, 2016, 6, 25461.	1.6	52
5	High-temperature ultraviolet detection based on surface photovoltage effect in SiN passivated n-GaN films. Applied Physics Letters, 2016, 109, .	1.5	5
6	Flexible, self-powered, visible-light detector characterized using a battery-operated, 3D-printed microplasma operated as a light source. , 2016, , .		7
7	Deuterium incorporation and diffusivity in plasma-exposed bulk Ga ₂ O ₃ . Applied Physics Letters, 2016, 109, .	1.5	16
8	Exploring a Lead-free Semiconducting Hybrid Ferroelectric with a Zero-Dimensional Perovskite-Like Structure. Angewandte Chemie, 2016, 128, 12033-12037.	1.6	20
9	Flexible Photodiodes Based on Nitride Core/Shell p-n Junction Nanowires. ACS Applied Materials & Interfaces, 2016, 8, 26198-26206.	4.0	66
10	Ultrasensitive Self-Powered Solar-Blind Deep-Ultraviolet Photodetector Based on All-Solid-State Polyaniline/MgZnO Bilayer. Small, 2016, 12, 5809-5816.	5.2	268
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14	Exploring a Lead-free Semiconducting Hybrid Ferroelectric with a Zero-Dimensional Perovskite-Like Structure. Angewandte Chemie - International Edition, 2016, 55, 11854-11858.	7.2	128
15	Quasi-two-dimensional ¹¹⁹ Ga gallium oxide solar-blind photodetectors with ultrahigh responsivity. Journal of Materials Chemistry C, 2016, 4, 9245-9250.	2.7	111
16	Broadband Photoresponse Enhancement of a High-Performance ⁶⁰ Se Microtube Photodetector by Plasmonic Metallic Nanoparticles. Advanced Functional Materials, 2016, 26, 6641-6648.	7.8	118
17	Scalable-Production, Self-Powered TiO ₂ Nanowell-Organic Hybrid UV Photodetectors with Tunable Performances. ACS Applied Materials & Interfaces, 2016, 8, 33924-33932.	4.0	136
18	Mechanism of Polyfluorene Interlayer in Ultraviolet Photodetector: Barrier-Blocking Electron Transport and Light-Inducing Hole Injection. Journal of Physical Chemistry C, 2016, 120, 26103-26109.	1.5	7

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38	High Operating Temperature and Low Power Consumption Boron Nitride Nanosheets Based Broadband UV Photodetector. <i>Scientific Reports</i> , 2017, 7, 42973.	1.6	58
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