

Shalong Wang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

263
citations

840776

11
h-index

1125743

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14
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14
docs citations

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times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In situ</i> formation of CsPbBr ₃ /ZnO bulk heterojunctions towards photodetectors with ultrahigh responsivity. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12164-12169.	5.5	35
2	Improving Wearable Photodetector Textiles via Precise Energy Level Alignment and Plasmonic Effect. <i>Advanced Electronic Materials</i> , 2017, 3, 1700281.	5.1	33
3	Fiber-shaped ZnO/Graphene Schottky Photodetector with Strain Effect. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800136.	3.7	31
4	A low-dimension structure strategy for flexible photodetectors based on perovskite nanosheets/ZnO nanowires with broadband photoresponse. <i>Science China Materials</i> , 2020, 63, 100-109.	6.3	26
5	Amperometric tyrosinase biosensor based on boron-doped nanocrystalline diamond film electrode for the detection of phenolic compounds. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 47-54.	2.5	23
6	Amperometric glucose sensor based on boron doped microcrystalline diamond film electrode with different boron doping levels. <i>RSC Advances</i> , 2014, 4, 58349-58356.	3.6	22
7	Zinc Stannate Nanocrystal-based Ultrarapid Response UV Photodetectors. <i>Advanced Materials Technologies</i> , 2018, 3, 1800085.	5.8	18
8	Assembling tungsten oxide hydrate nanocrystal colloids formed by laser ablation in liquid into fast-response electrochromic films. <i>Journal of Colloid and Interface Science</i> , 2017, 489, 85-91.	9.4	17
9	Improved flexible ZnO/CsPbBr ₃ /Graphene UV photodetectors with interface optimization by solution process. <i>Materials Research Bulletin</i> , 2020, 130, 110956.	5.2	16
10	Nanowire network-based photodetectors with imaging performance for omnidirectional photodetecting through a wire-shaped structure. <i>RSC Advances</i> , 2018, 8, 33666-33673.	3.6	12
11	The Synergy of Plasmonic Enhancement and Hot-Electron Effect on CsPbBr ₃ Nanosheets Photodetector. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002053.	3.7	12
12	Solution processed membrane-based wearable ZnO/graphene Schottky UV photodetectors with imaging application. <i>Nanotechnology</i> , 2019, 30, 375701.	2.6	10
13	Highly sensitive detection and imaging of ultraviolet-B light for precisely controlling vitamin D generation in the human body. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4503-4508.	5.5	8