Shalong Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2133830/publications.pdf

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13	263	840776 11	1125743 13
papers	citations	h-index	g-index

14	14	14	472
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Synergy of Plasmonic Enhancement and Hotâ€Electron Effect on CsPbBr₃ Nanosheets Photodetector. Advanced Materials Interfaces, 2021, 8, 2002053.	3.7	12
2	A low-dimension structure strategy for flexible photodetectors based on perovskite nanosheets/ZnO nanowires with broadband photoresponse. Science China Materials, 2020, 63, 100-109.	6.3	26
3	Improved flexible ZnO/CsPbBr3/Graphene UV photodetectors with interface optimization by solution process. Materials Research Bulletin, 2020, 130, 110956.	5.2	16
4	Solution processed membrane-based wearable ZnO/graphene Schottky UV photodetectors with imaging application. Nanotechnology, 2019, 30, 375701.	2.6	10
5	Highly sensitive detection and imaging of ultraviolet-B light for precisely controlling vitamin D generation in the human body. Journal of Materials Chemistry C, 2019, 7, 4503-4508.	5.5	8
6	Zinc Stannate Nanocrystalâ€“Based Ultrarapidâ€Response UV Photodetectors. Advanced Materials Technologies, 2018, 3, 1800085.	5.8	18
7	Fiberâ€Shaped ZnO/Graphene Schottky Photodetector with Strain Effect. Advanced Materials Interfaces, 2018, 5, 1800136.	3.7	31
8	In situ formation of CsPbBr₃/ZnO bulk heterojunctions towards photodetectors with ultrahigh responsivity. Journal of Materials Chemistry C, 2018, 6, 12164-12169.	5.5	35
9	Nanowire network-based photodetectors with imaging performance for omnidirectional photodetecting through a wire-shaped structure. RSC Advances, 2018, 8, 33666-33673.	3.6	12
10	Improving Wearable Photodetector Textiles via Precise Energy Level Alignment and Plasmonic Effect. Advanced Electronic Materials, 2017, 3, 1700281.	5.1	33
11	Assembling tungsten oxide hydrate nanocrystal colloids formed by laser ablation in liquid into fast-response electrochromic films. Journal of Colloid and Interface Science, 2017, 489, 85-91.	9.4	17
12	Amperometric tyrosinase biosensor based on boron-doped nanocrystalline diamond film electrode for the detection of phenolic compounds. Journal of Solid State Electrochemistry, 2016, 20, 47-54.	2.5	23
13	Amperometric glucose sensor based on boron doped microcrystalline diamond film electrode with different boron doping levels. RSC Advances, 2014, 4, 58349-58356.	3.6	22