Songyu Li

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3744216/publications.pdf

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11	233	1163117 8	1281871 11
papers	citations	h-index	g-index

11	11	11	416
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	p-/n-Type modulation of 2D transition metal dichalcogenides for electronic and optoelectronic devices. Nano Research, 2022, 15, 123-144.	10.4	20
2	Lightâ€Rewritable Logic Devices Based on Van der Waals Heterostructures. Advanced Electronic Materials, 2022, 8, 2100708.	5.1	5
3	Binary-ternary transition metal chalcogenides interlayer coupling in van der Waals type-II heterostructure for visible-infrared photodetector with efficient suppression dark currents. Nano Research, 2022, 15, 2689-2696.	10.4	16
4	Growth of centimeter scale Nb1â^'xWxSe2 monolayer film by promoter assisted liquid phase chemical vapor deposition. Nano Research, 2022, 15, 2608-2615.	10.4	9
5	Temperature-Dependent Luminescence and Anisotropic Optical Properties of Centimeter-Sized One-Dimensional Perovskite Trimethylammonium Lead Iodide Single Crystals. Journal of Physical Chemistry Letters, 2022, 13, 5451-5460.	4.6	10
6	High performance sub-bandgap photodetection via internal photoemission based on ideal metal/2D-material van der Waals Schottky interface. Nanoscale, 2021, 13, 16448-16456.	5.6	14
7	Liquid Exfibration and Optoelectronic Devices of Fibrous Phosphorus. Inorganic Chemistry, 2020, 59, 976-979.	4.0	11
8	Strain Effect Enhanced Ultrasensitive MoS₂ Nanoscroll Avalanche Photodetector. Journal of Physical Chemistry Letters, 2020, 11, 4490-4497.	4.6	23
9	Enhanced Performance of a CVD MoS₂ Photodetector by Chemical in Situ n-Type Doping. ACS Applied Materials & Interfaces, 2019, 11, 11636-11644.	8.0	82
10	Photodetectors: High Detectivity from a Lateral Grapheneâ€“MoS₂ Schottky Photodetector Grown by Chemical Vapor Deposition (Adv. Electron. Mater. 9/2018). Advanced Electronic Materials, 2018, 4, 1870042.	5.1	1
11	High Detectivity from a Lateral Grapheneâ€“MoS₂ Schottky Photodetector Grown by Chemical Vapor Deposition. Advanced Electronic Materials, 2018, 4, 1800069.	5.1	42