

Ke Wu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

306
citations

1162367

8
h-index

1281420

11
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11
all docs

11
docs citations

11
times ranked

653
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle monolayer-based flexible strain gauge with ultrafast dynamic response for acoustic vibration detection. Nano Research, 2015, 8, 2978-2987.	5.8	68
2	Transversely Divergent Second Harmonic Generation by Surface Plasmon Polaritons on Single Metallic Nanowires. Nano Letters, 2017, 17, 7803-7808.	4.5	63
3	Controllable defects implantation in MoS ₂ grown by chemical vapor deposition for photoluminescence enhancement. Nano Research, 2018, 11, 4123-4132.	5.8	55
4	Plasmon-enhanced fluorescence of PbS quantum dots for remote near-infrared imaging. Chemical Communications, 2015, 51, 141-144.	2.2	40
5	Ultrasensitive strain gauge with tunable temperature coefficient of resistivity. Nano Research, 2016, 9, 1346-1357.	5.8	18
6	Efficient Frequency Mixing of Guided Surface Waves by Atomically Thin Nonlinear Crystals. Nano Letters, 2020, 20, 7956-7963.	4.5	17
7	Electrical conduction of nanoparticle monolayer for accurate tracking of mechanical stimulus in finger touch sensing. Nanoscale, 2014, 6, 13809-13816.	2.8	16
8	Identification of twist-angle-dependent excitons in WS ₂ /WSe ₂ heterobilayers. National Science Review, 2022, 9, .	4.6	9
9	Defects inducing anomalous exciton kinetics in monolayer WS ₂ . Nano Research, 2022, 15, 1616-1622.	5.8	9
10	Revealing the Competition between Defect-Trap Trapped Exciton and Band-Edge Exciton Photoluminescence in Monolayer Hexagonal WS ₂ . Advanced Optical Materials, 2022, 10, .	3.6	8
11	Topography-specific isotropic tunneling in nanoparticle monolayer with sub-nm scale crevices. Nanotechnology, 2016, 27, 405701.	1.3	3