

Xuedan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

564
citations

687363

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h-index

642732

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23
docs citations

23
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of a Microcavity Prepared by Remote Epitaxy over Monolayer Molybdenum Disulfide. ACS Nano, 2022, 16, 2399-2406.	14.6	13
2	Tuning spin-orbit coupling in (6,5) single-walled carbon nanotube doped with $\langle i \rangle \text{sp}^3 \langle /i \rangle$ defects. Journal of Applied Physics, 2021, 129, .	2.5	6
3	Observation of biexciton emission from single semiconductor nanoplatelets. Physical Review Materials, 2021, 5, .	2.4	7
4	Brightening of Dark States in CsPbBr ₃ Quantum Dots Caused by Light-Induced Magnetism. Small, 2021, 17, e2101527.	10.0	5
5	Bright and stable light-emitting diodes made with perovskite nanocrystals stabilized in metal-organic frameworks. Nature Photonics, 2021, 15, 843-849.	31.4	117
6	Spontaneous formation of anisotropic microrods from paraffin wax in an aqueous environment. Soft Matter, 2021, 18, 156-161.	2.7	1
7	Trapping interlayer excitons in van der Waals heterostructures by potential arrays. Physical Review B, 2021, 104, .	3.2	5
8	Titanium Nitride Modified Photoluminescence from Single Semiconductor Nanoplatelets. Advanced Functional Materials, 2020, 30, 1904179.	14.9	7
9	Strain-Induced Trapping of Indirect Excitons in MoSe ₂ /WSe ₂ Heterostructures. ACS Photonics, 2020, 7, 2460-2467.	6.6	29
10	Influence of local structures on the energy transfer efficiencies of quantum-dot films. Physical Review B, 2020, 102, .	3.2	3
11	$\langle i \rangle \text{sp}^3 \langle /i \rangle$ -Functionalization of Single-Walled Carbon Nanotubes Creates Localized Spins. ACS Nano, 2020, 14, 17675-17682.	14.6	17
12	Distance makes a difference in crystalline photoluminescence. Nature Communications, 2020, 11, 5572.	12.8	37
13	Creation of Single-Photon Emitters in WSe ₂ Monolayers Using Nanometer-Sized Gold Tips. Nano Letters, 2020, 20, 5866-5872.	9.1	33
14	Bright trion emission from semiconductor nanoplatelets. Physical Review Materials, 2020, 4, .	2.4	24
15	Ultrafast Exciton Trapping at $\langle i \rangle \text{sp}^3 \langle /i \rangle$ Quantum Defects in Carbon Nanotubes. ACS Nano, 2019, 13, 13264-13270.	14.6	17
16	Light-Gated Synthetic Protocells for Plasmon-Enhanced Chemiosmotic Gradient Generation and ATP Synthesis. Angewandte Chemie - International Edition, 2019, 58, 4896-4900.	13.8	41
17	Light-Gated Synthetic Protocells for Plasmon-Enhanced Chemiosmotic Gradient Generation and ATP Synthesis. Angewandte Chemie, 2019, 131, 4950-4954.	2.0	12
18	Sculpted grain boundaries in soft crystals. Science Advances, 2019, 5, eaax9112.	10.3	18

#	ARTICLE	IF	CITATIONS
19	Anisotropic Photoluminescence from Isotropic Optical Transition Dipoles in Semiconductor Nanoplatelets. <i>Nano Letters</i> , 2018, 18, 4647-4652.	9.1	38
20	Solitary Oxygen Dopant Emission from Carbon Nanotubes Modified by Dielectric Metasurfaces. <i>ACS Nano</i> , 2017, 11, 6431-6439.	14.6	15
21	Multi-exciton emission from solitary dopant states of carbon nanotubes. <i>Nanoscale</i> , 2017, 9, 16143-16148.	5.6	5
22	Giant PbSe/CdSe/CdSe Quantum Dots: Crystal-Structure-Defined Ultrastable Near-Infrared Photoluminescence from Single Nanocrystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 11081-11088.	13.7	48
23	Size-Dependent Biexciton Quantum Yields and Carrier Dynamics of Quasi-Two-Dimensional Core/Shell Nanoplatelets. <i>ACS Nano</i> , 2017, 11, 9119-9127.	14.6	66