Shun Feng

List of Publications by Year
in descending order

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15 papers	358 citations	933264 10 h-index	996849 15 g-index
15 all docs	15 docs citations	15 times ranked	681 citing authors

#	Article	IF	Citations
1	Deterministic and Scalable Generation of Exciton Emitters in 2D Semiconductor Nanodisks. Advanced Optical Materials, 2022, 10, .	3.6	3
2	Whiteâ€Light Driven Resonant Emission from a Monolayer Semiconductor. Advanced Materials, 2022, , 2103527.	11.1	2
3	Localization of Laterally Confined Modes in a 2D Semiconductor Microcavity. ACS Nano, 2022, 16, 4940-4946.	7.3	1
4	Raman scattering investigation of twisted WS2/MoS2 heterostructures: interlayer mechanical coupling versus charge transfer. Nano Research, 2021, 14, 2215-2223.	5.8	29
5	Observation of Strong Valley Magnetic Response in Monolayer Transition Metal Dichalcogenide Alloys of Mo_{0.5}W_{0.5}Se₂ and Mo_{0.5}W_{0.5}Se₂/WS₂ Heterostructures. ACS Nano, 2021, 15, 8397-8406.	7.3	8
6	Continuousâ€Wave Vertical Cavity Surfaceâ€Emitting Lasers based on Single Crystalline Lead Halide Perovskites. Advanced Optical Materials, 2021, 9, 2001982.	3.6	16
7	Room-temperature continuous-wave vertical-cavity surface-emitting lasers based on 2D layered organicâ€“inorganic hybrid perovskites. APL Materials, 2021, 9, 071106.	2.2	21
8	Spatial variations of valley splitting in monolayer transition metal dichalcogenide. InformaÄ‰nÃ-MateriÃ¡ly, 2020, 2, 585-592.	8.5	5
9	Visualizing the Anomalous Charge Density Wave States in Graphene/NbSe₂ Heterostructures. Advanced Materials, 2020, 32, e2003746.	11.1	23
10	Enhancing and controlling valley magnetic response in MoS2/WS2 heterostructures by all-optical route. Nature Communications, 2019, 10, 4226.	5.8	38
11	Engineering Valley Polarization of Monolayer WS₂: A Physical Doping Approach. Small, 2019, 15, e1805503.	5.2	62
12	Tunable excitonic emission of monolayer WS2 for the optical detection of DNA nucleobases. Nano Research, 2018, 11, 1744-1754.	5.8	20
13	Probing magnetic-proximity-effect enlarged valley splitting in monolayer WSe2 by photoluminescence. Nano Research, 2018, 11, 6252-6259.	5.8	20
14	Antiâ€Stokes Photoluminescence of van der Waals Layered Semiconductor PbI₂. Advanced Optical Materials, 2017, 5, 1700609.	3.6	20
15	Toward High Energy Organic Cathodes for Liâ€Ion Batteries: A Case Study of Vat Dye/Graphene Composites. Advanced Functional Materials, 2017, 27, 1603603.	7.8	90