

Shun Feng

List of Publications by Year in descending order

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15
papers

358
citations

933264

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996849

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all docs

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15
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681
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward High Energy Organic Cathodes for Li-ion Batteries: A Case Study of Vat Dye/Graphene Composites. <i>Advanced Functional Materials</i> , 2017, 27, 1603603.	7.8	90
2	Engineering Valley Polarization of Monolayer WS_2 : A Physical Doping Approach. <i>Small</i> , 2019, 15, e1805503.	5.2	62
3	Enhancing and controlling valley magnetic response in MoS_2/WS_2 heterostructures by all-optical route. <i>Nature Communications</i> , 2019, 10, 4226.	5.8	38
4	Raman scattering investigation of twisted WS_2/MoS_2 heterostructures: interlayer mechanical coupling versus charge transfer. <i>Nano Research</i> , 2021, 14, 2215-2223.	5.8	29
5	Visualizing the Anomalous Charge Density Wave States in Graphene/ $NbSe_2$ Heterostructures. <i>Advanced Materials</i> , 2020, 32, e2003746.	11.1	23
6	Room-temperature continuous-wave vertical-cavity surface-emitting lasers based on 2D layered organic-inorganic hybrid perovskites. <i>APL Materials</i> , 2021, 9, 071106.	2.2	21
7	Anti-Stokes Photoluminescence of van der Waals Layered Semiconductor PbI_2 . <i>Advanced Optical Materials</i> , 2017, 5, 1700609.	3.6	20
8	Tunable excitonic emission of monolayer WS_2 for the optical detection of DNA nucleobases. <i>Nano Research</i> , 2018, 11, 1744-1754.	5.8	20
9	Probing magnetic-proximity-effect enlarged valley splitting in monolayer WSe_2 by photoluminescence. <i>Nano Research</i> , 2018, 11, 6252-6259.	5.8	20
10	Continuous-Wave Vertical Cavity Surface-Emitting Lasers based on Single Crystalline Lead Halide Perovskites. <i>Advanced Optical Materials</i> , 2021, 9, 2001982.	3.6	16
11	Observation of Strong Valley Magnetic Response in Monolayer Transition Metal Dichalcogenide Alloys of $Mo_{0.5}W_{0.5}Se_2$ and $Mo_{0.5}W_{0.5}Se_2/WS_2$ Heterostructures. <i>ACS Nano</i> , 2021, 15, 8397-8406.	7.3	8
12	Spatial variations of valley splitting in monolayer transition metal dichalcogenide. <i>Informa Mater</i> , 2020, 2, 585-592.	8.5	5
13	Deterministic and Scalable Generation of Exciton Emitters in 2D Semiconductor Nanodisks. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	3
14	White-Light Driven Resonant Emission from a Monolayer Semiconductor. <i>Advanced Materials</i> , 2022, , 2103527.	11.1	2
15	Localization of Laterally Confined Modes in a 2D Semiconductor Microcavity. <i>ACS Nano</i> , 2022, 16, 4940-4946.	7.3	1