

Ahmed Khan

List of Publications by Year in descending order

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8
papers

388
citations

1163117
8
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

408
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Harmonic Generation in 2D Materials. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	42
2	Recent Developments in van der Waals Antiferromagnetic 2D Materials: Synthesis, Characterization, and Device Implementation. <i>ACS Nano</i> , 2021, 15, 17175-17213.	14.6	57
3	Direct Measurement of Folding Angle and Strain Vector in Atomically Thin WS ₂ Using Second-Harmonic Generation. <i>ACS Nano</i> , 2020, 14, 15806-15815.	14.6	31
4	2D Materials and Heterostructures at Extreme Pressure. <i>Advanced Science</i> , 2020, 7, 2002697.	11.2	68
5	Tunable Optoelectronic Properties of WS ₂ by Local Strain Engineering and Folding. <i>Advanced Electronic Materials</i> , 2020, 6, 1901381.	5.1	38
6	Extraordinary Temperature Dependent Second Harmonic Generation in Atomically Thin Layers of Transition-Metal Dichalcogenides. <i>Advanced Optical Materials</i> , 2020, 8, 2000441.	7.3	30
7	Quasi-line Spectral Emissions from Highly Crystalline One-Dimensional Organic Nanowires. <i>Nano Letters</i> , 2019, 19, 7877-7886.	9.1	12
8	Parametric optimization for surface roughness, kerf and MRR in wire electrical discharge machining (WEDM) using Taguchi design of experiment. <i>Journal of Mechanical Science and Technology</i> , 2013, 27, 2133-2141.	1.5	110