

# Ahmed Khan

## List of Publications by Year in descending order

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