

Fida Ali

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Anomalous persistent p-type behavior of WSe ₂ field-effect transistors by oxidized edge-induced Fermi-level pinning. <i>Journal of Materials Chemistry C</i> , 2022, 10, 846-853.	2.7	5
2	Metal-Insulator Transition Driven by Traps in 2D WSe ₂ Field-Effect Transistor. <i>Advanced Electronic Materials</i> , 2022, 8, .	2.6	8
3	Ultrahigh Anisotropic Transport Properties of Black Phosphorus Field Effect Transistors Realized by Edge Contact. <i>Advanced Electronic Materials</i> , 2022, 8, .	2.6	5
4	Resonant tunnelling diodes based on twisted black phosphorus homostructures. <i>Nature Electronics</i> , 2021, 4, 269-276.	13.1	41
5	Fermi-Level Pinning Free High-Performance 2D CMOS Inverter Fabricated with Van Der Waals Bottom Contacts. <i>Advanced Electronic Materials</i> , 2021, 7, 2001212.	2.6	28
6	Traps at the hBN/WSe ₂ interface and their impact on polarity transition in WSe ₂ . <i>2D Materials</i> , 2021, 8, 035027.	2.0	13
7	Interface state density and barrier height improvement in ammonium sulfide treated Al ₂ O ₃ /Si interfaces. <i>Current Applied Physics</i> , 2021, 26, 83-89.	1.1	0
8	Electrical characterization of 2D materials-based field-effect transistors. <i>2D Materials</i> , 2021, 8, 012002.	2.0	111
9	Control of the Schottky Barrier and Contact Resistance at Metal-WSe ₂ Interfaces by Polymeric Doping. <i>Advanced Electronic Materials</i> , 2020, 6, 2000616.	2.6	24
10	Phase-Engineered Molybdenum Telluride/Black Phosphorus Van der Waals Heterojunctions for Tunable Multivalued Logic. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 14119-14124.	4.0	27
11	Gate-Modulated Ultrasensitive Visible and Near-Infrared Photodetection of Oxygen Plasma-Treated WSe ₂ Lateral pn-Homojunctions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23261-23271.	4.0	41
12	Energy Dissipation in Black Phosphorus Heterostructured Devices. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801528.	1.9	14
13	Dielectric Dispersion and High Field Response of Multilayer Hexagonal Boron Nitride. <i>Advanced Functional Materials</i> , 2018, 28, 1804235.	7.8	38