

Ngoc Thanh Duong

List of Publications by Year in descending order

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840776

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citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Enhanced Photoresponsivity of a Monolayer WSe ₂ Photodetector with Nitrogen-Doped Graphene Quantum Dots. ACS Applied Materials & Interfaces, 2018, 10, 10322-10329.	8.0	114
2	Modulating the Functions of MoS ₂ /MoTe ₂ van der Waals Heterostructure via Thickness Variation. ACS Nano, 2019, 13, 4478-4485.	14.6	85
3	Augmented Quantum Yield of a 2D Monolayer Photodetector by Surface Plasmon Coupling. Nano Letters, 2018, 18, 2316-2323.	9.1	82
4	Modulation of Junction Modes in SnSe ₂ /MoTe ₂ Broken-Gap van der Waals Heterostructure for Multifunctional Devices. Nano Letters, 2020, 20, 2370-2377.	9.1	75
5	Photovoltaic effect in a few-layer ReS ₂ /WSe ₂ heterostructure. Nanoscale, 2018, 10, 20306-20312.	5.6	38
6	Parameter control for enhanced peak-to-valley current ratio in a MoS ₂ /MoTe ₂ van der Waals heterostructure. Nanoscale, 2018, 10, 12322-12329.	5.6	25
7	Patterning of type-II Dirac semimetal PtTe ₂ for optimized interface of tellurene optoelectronic device. Nano Energy, 2021, 86, 106049.	16.0	22
8	Gate-controlled MoTe ₂ homojunction for sub-thermionic subthreshold swing tunnel field-effect transistor. Nano Today, 2021, 40, 101263.	11.9	19
9	Encapsulation of a Monolayer WSe ₂ Phototransistor with Hydrothermally Grown ZnO Nanorods. ACS Applied Materials & Interfaces, 2019, 11, 20257-20264.	8.0	15
10	Contact Engineering of Layered MoS ₂ via Chemically Dipping Treatments. Advanced Functional Materials, 2020, 30, 2000250.	14.9	14
11	Achieving direct electrophoretically deposited highly stable polymer induced CsPbBr ₃ colloidal nanocrystal films for high-performance optoelectronics. Chemical Engineering Journal, 2022, 433, 133809.	12.7	14
12	Suppressing Ambipolar Characteristics of WSe ₂ Field Effect Transistors Using Graphene Oxide. Advanced Electronic Materials, 2019, 5, 1800608.	5.1	8
13	Large-Area MoS ₂ via Colloidal Nanosheet Ink for Integrated Memtransistor. Small Methods, 2021, 5, 2100558.	8.6	8
14	Gate tunable photoresponse of a two-dimensional p-n junction for high performance broadband photodetector. Applied Materials Today, 2022, 26, 101285.	4.3	7
15	Carrier transport through near-ideal interface for WSe ₂ van der Waals homojunction diode. Applied Surface Science, 2021, 542, 148499.	6.1	3
16	Interface Trap Suppression and Electron Doping in Van der Waals Materials Using Cross-Linked Poly(vinylpyrrolidone). ACS Applied Materials & Interfaces, 2021, 13, 55489-55497.	8.0	1