

Pouya Dianat

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

231
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond Gold: Spin-Coated Ti ₃ C ₂ -Based MXene Photodetectors. <i>Advanced Materials</i> , 2019, 31, e1903271.	21.0	114
2	High-performance short-wavelength infrared photodetectors based on type-II InAs/InAs _{1-x} Sb _x /AlAs _{1-x} Sb _x superlattices. <i>Applied Physics Letters</i> , 2015, 107, 141104.	3.3	39
3	Structure and Physical Properties of NiO/Co ₃ O ₄ Nanoparticles. <i>Metals</i> , 2016, 6, 181.	2.3	23
4	An Unconventional Hybrid Variable Capacitor With a 2-D Electron Gas. <i>IEEE Transactions on Electron Devices</i> , 2014, 61, 445-451.	3.0	22
5	A highly tunable heterostructure metal-semiconductor-metal capacitor utilizing embedded 2-dimensional charge. <i>Applied Physics Letters</i> , 2012, 100, 153505.	3.3	16
6	Anomalous Capacitance Enhancement Triggered by Light. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2015, 21, 1-5.	2.9	10
7	Enhancement of Optoelectronic Properties of Core-Shell Nanowires. <i>IEEE Nanotechnology Magazine</i> , 2018, 17, 1058-1062.	2.0	3
8	Mxene Photodetectors: Beyond Gold: Spin-Coated Ti ₃ C ₂ -Based MXene Photodetectors (<i>Adv. Mater.</i> 43/2019). <i>Advanced Materials</i> , 2019, 31, 1970307.	21.0	3
9	A Planar Switchable Capacitor with Embedded Two-Dimensional Electron System for Higher Integrations in VLSI and RFIC. , 2012, , .		1
10	A Scalable Low-Cost Manufacturing to Hybridize Infrared Detectors with Si Read-Out Circuits. , 2018, , .		0