

Pouya Dianat

List of Publications by Year in descending order

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10
papers

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1478505

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10
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	Mxene Photodetectors: Beyond Gold: Spin-Coated Ti_3C_2 -Based MXene Photodetectors (Adv. Mater. 43/2019). Advanced Materials, 2019, 31, 1970307.	21.0	3
2	Beyond Gold: Spin-Coated Ti_3C_2 -Based MXene Photodetectors. Advanced Materials, 2019, 31, e1903271.	21.0	114
3	A Scalable Low-Cost Manufacturing to Hybridize Infrared Detectors with Si Read-Out Circuits. , 2018, , .		0
4	Enhancement of Optoelectronic Properties of Core-Shell Nanowires. IEEE Nanotechnology Magazine, 2018, 17, 1058-1062.	2.0	3
5	Structure and Physical Properties of NiO/Co ₃ O ₄ Nanoparticles. Metals, 2016, 6, 181.	2.3	23
6	High-performance short-wavelength infrared photodetectors based on type-II InAs/InAs _{1-x} Sbx/AlAs _{1-x} Sbx superlattices. Applied Physics Letters, 2015, 107, 141104.	3.3	39
7	Anomalous Capacitance Enhancement Triggered by Light. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 1-5.	2.9	10
8	An Unconventional Hybrid Variable Capacitor With a 2-D Electron Gas. IEEE Transactions on Electron Devices, 2014, 61, 445-451.	3.0	22
9	A highly tunable heterostructure metal-semiconductor-metal capacitor utilizing embedded 2-dimensional charge. Applied Physics Letters, 2012, 100, 153505.	3.3	16
10	A Planar Switchable Capacitor with Embedded Two-Dimensional Electron System for Higher Integrations in VLSI and RFIC. , 2012, , .		1