

Srinivasa Reddy Tamalampudi

List of Publications by Year in descending order

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docs citations

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2210
citing authors

#	ARTICLE	IF	CITATIONS
1	Si ₂ Te ₃ Photodetectors for Optoelectronic Integration at Telecommunication Wavelengths. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-7.	2.9	6
2	Revealing the Quasi-Periodic Crystallographic Structure of Self-Assembled SnTiS ₃ Misfit Compound. Journal of Physical Chemistry C, 2021, 125, 9956-9964.	3.1	4
3	Short-wavelength infrared (SWIR) photodetector based on multi-layer 2D GaGeTe. Optics Express, 2021, 29, 39395.	3.4	11
4	Enhanced photoelectrochemical performance of atomic layer deposited Hf-doped ZnO. Surface and Coatings Technology, 2020, 385, 125352.	4.8	20
5	Superposition of semiconductor and semi-metal properties of self-assembled 2D SnTiS ₃ heterostructures. Npj 2D Materials and Applications, 2020, 4, .	7.9	6
6	Rapid discrimination of chemically distinctive surface terminations in 2D material based heterostructures by direct van der Waals identification. Review of Scientific Instruments, 2020, 91, 023907.	1.3	7
7	Thickness-Dependent Resonant Raman and R ² Photoluminescence Spectra of Indium Selenide and Indium Selenide/Graphene Heterostructures. Journal of Physical Chemistry C, 2019, 123, 15345-15353.	3.1	16
8	Optoelectronic Tunability of Hf-Doped ZnO for Photovoltaic Applications. Journal of Physical Chemistry C, 2019, 123, 15258-15266.	3.1	10
9	High-Temperature Defect-Induced Hopping Conduction in Multilayered Germanium Sulfide for Optoelectronic Applications in Harsh Environments. ACS Applied Nano Materials, 2019, 2, 2169-2175.	5.0	15
10	Multi-Valley Superconductivity in Ion-Gated MoS ₂ Layers. Nano Letters, 2018, 18, 4821-4830.	9.1	58
11	High photosensitivity and broad spectral response of multi-layered germanium sulfide transistors. Nanoscale, 2016, 8, 2284-2292.	5.6	129
12	High Performance and Bendable Few-Layered InSe Photodetectors with Broad Spectral Response. Nano Letters, 2014, 14, 2800-2806.	9.1	690
13	Chemical Vapor Deposition Synthesis and Raman Spectroscopic Characterization of Large-Area Graphene Sheets. Journal of Physical Chemistry A, 2013, 117, 9454-9461.	2.5	57