

Srinivasa Reddy Tamalampudi

List of Publications by Year in descending order

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13
papers

1,029
citations

1163117

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1125743

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docs citations

13
times ranked

2210
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | High Performance and Bendable Few-Layered InSe Photodetectors with Broad Spectral Response. Nano Letters, 2014, 14, 2800-2806. | 9.1 | 690 |
| 2 | High photosensitivity and broad spectral response of multi-layered germanium sulfide transistors. Nanoscale, 2016, 8, 2284-2292. | 5.6 | 129 |
| 3 | Multi-Valley Superconductivity in Ion-Gated MoS ₂ Layers. Nano Letters, 2018, 18, 4821-4830. | 9.1 | 58 |
| 4 | 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 |
| 5 | Enhanced photoelectrochemical performance of atomic layer deposited Hf-doped ZnO. Surface and Coatings Technology, 2020, 385, 125352. | 4.8 | 20 |
| 6 | Thickness-Dependent Resonant Raman and Photoluminescence Spectra of Indium Selenide and Indium Selenide/Graphene Heterostructures. Journal of Physical Chemistry C, 2019, 123, 15345-15353. | 3.1 | 16 |
| 7 | 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 |
| 8 | Short-wavelength infrared (SWIR) photodetector based on multi-layer 2D GaGeTe. Optics Express, 2021, 29, 39395. | 3.4 | 11 |
| 9 | Optoelectronic Tunability of Hf-Doped ZnO for Photovoltaic Applications. Journal of Physical Chemistry C, 2019, 123, 15258-15266. | 3.1 | 10 |
| 10 | 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 |
| 11 | Superposition of semiconductor and semi-metal properties of self-assembled 2D SnTiS ₃ heterostructures. Npj 2D Materials and Applications, 2020, 4, . | 7.9 | 6 |
| 12 | 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 |
| 13 | 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 |