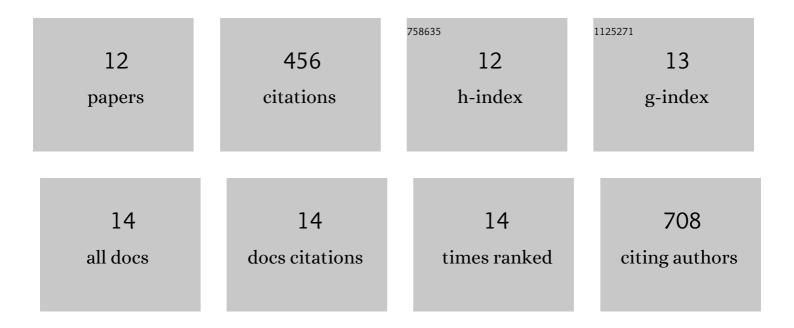
Guru Prakash Neupane

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6676920/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	2D Materials and Heterostructures at Extreme Pressure. Advanced Science, 2020, 7, 2002697.	5.6	68
2	2D Materials Based on Main Group Element Compounds: Phases, Synthesis, Characterization, and Applications. Advanced Functional Materials, 2020, 30, 2001127.	7.8	58
3	Tunneling Photocurrent Assisted by Interlayer Excitons in Staggered van der Waals Heteroâ€Bilayers. Advanced Materials, 2017, 29, 1701512.	11.1	51
4	Inâ€Plane Isotropic/Anisotropic 2D van der Waals Heterostructures for Future Devices. Small, 2019, 15, e1804733.	5.2	46
5	2D organic semiconductors, the future of green nanotechnology. Nano Materials Science, 2019, 1, 246-259.	3.9	45
6	Quantifying Quasiâ€Fermi Level Splitting and Mapping its Heterogeneity in Atomically Thin Transition Metal Dichalcogenides. Advanced Materials, 2019, 31, e1900522.	11.1	34
7	A prospective future towards bio/medical technology and bioelectronics based on 2D vdWs heterostructures. Nano Research, 2020, 13, 1-17.	5.8	34
8	Modulated interlayer charge transfer dynamics in a monolayer TMD/metal junction. Nanoscale, 2019, 11, 418-425.	2.8	33
9	Emission Control from Transition Metal Dichalcogenide Monolayers by Aggregation-Induced Molecular Rotors. ACS Nano, 2020, 14, 7444-7453.	7.3	23
10	Highly Enhanced Light–Matter Interaction in MXene Quantum Dots–Monolayer WS ₂ Heterostructure. Small, 2021, 17, e2006309.	5.2	22
11	Towards future physics and applications <i>via</i> two-dimensional material NEMS resonators. Nanoscale, 2020, 12, 22366-22385.	2.8	15
12	Solar Cells: Quantifying Quasiâ€Fermi Level Splitting and Mapping its Heterogeneity in Atomically Thin Transition Metal Dichalcogenides (Adv. Mater. 25/2019). Advanced Materials, 2019, 31, 1970180.	11.1	2