

CITATION REPORT

List of articles citing

Electronic transport in a two-dimensional superlattice engineered via self-assembled nanostructures

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#	Paper	IF	Citations
20	Enhanced asymmetric valley scattering by scalar fields in nonuniform out-of-plane deformations in graphene. <i>Physical Review B</i> , 2018 , 98,	3.3	12
19	Superlattices based on van der Waals 2D materials. <i>Chemical Communications</i> , 2019 , 55, 11498-11510	5.8	25
18	Valley notch filter in a graphene strain superlattice: Green's function and machine learning approach. <i>Physical Review B</i> , 2019 , 100,	3.3	11
17	3D Mapping of the Structural Transitions in Wrinkled 2D Membranes: Implications for Reconfigurable Electronics, Memristors, and Bioelectronic Interfaces. <i>ACS Applied Nano Materials</i> , 2019 , 2, 5779-5786	5.6	2
16	Electron dynamics in strained graphene. <i>Modern Physics Letters B</i> , 2019 , 33, 1930001	1.6	10
15	Magnetotransport in a strain superlattice of graphene. <i>Applied Physics Letters</i> , 2019 , 115, 143508	3.4	10
14	New Generation of Moiré Superlattices in Doubly Aligned hBN/Graphene/hBN Heterostructures. <i>Nano Letters</i> , 2019 , 19, 2371-2376	11.5	49
13	A prospective future towards bio/medical technology and bioelectronics based on 2D vdWs heterostructures. <i>Nano Research</i> , 2020 , 13, 1-17	10	24
12	Spin-polarized currents in corrugated graphene nanoribbons. <i>Carbon</i> , 2020 , 168, 1-11	10.4	2
11	Tunable tilted anisotropy of massless Dirac fermion in magnetic Kronig-Penney-type graphene. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021 , 127, 114501	3	3
10	Interaction of Light with Plasmonic Nanostructures Fabricated by Nanosphere Lithography. <i>Springer Proceedings in Physics</i> , 2021 , 821-824	0.2	
9	Solitary waves in a two-dimensional graphene-based superlattice. <i>Journal of Physics: Conference Series</i> , 2021 , 1740, 012062	0.3	0
8	Moiré Patterns in 2D Materials: A Review. <i>ACS Nano</i> , 2021 , 15, 5944-5958	16.7	27
7	Increasing the robustness and crack resistivity of high-performance carbon fiber composites for space applications. <i>iScience</i> , 2021 , 24, 102692	6.1	3
6	Mesoscale Confinement Effects and Emergent Quantum Interference in Titania Antidot Thin Films. <i>ACS Nano</i> , 2021 ,	16.7	0
5	Two-dimensional FeP Nanoframe Superlattices via Space-Confined Topochemical Transformation.. <i>Advanced Materials</i> , 2022 , e2109145	24	4
4	Ultrastrong Capacitive Coupling of Flux Qubits. <i>Physical Review Applied</i> , 2022 , 17,	4.3	1

3	Conductive materials with elaborate micro/nanostructures for bioelectronics.. <i>Advanced Materials</i> , 2022 , e2110024	24	2
2	Strain Engineering of Low-dimensional Materials for Emerging Quantum Phenomena and Functionalities. <i>Advanced Materials</i> , 2021 , e2107362	24	3
1	Bend-Induced Ferroelectric Domain Walls in In_2Se_3 .		0