

Vladimir Enaldiev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Scalable Network Model for Electrically Tunable Ferroelectric Domain Structure in Twistrionic Bilayers of Two-Dimensional Semiconductors. Nano Letters, 2022, 22, 1534-1540.	9.1	15
2	Interfacial ferroelectricity in marginally twisted 2D semiconductors. Nature Nanotechnology, 2022, 17, 390-395.	31.5	115
3	Piezoelectric networks and ferroelectric domains in twistrionic superlattices in WS_2/MoS_2 and $WSe_2/MoSe_2$ bilayers. 2D Materials, 2021, 8, 025030.	4.4	36
4	Weak ferroelectric charge transfer in layer-asymmetric bilayers of 2D semiconductors. Scientific Reports, 2021, 11, 13422.	3.3	29
5	Band energy landscapes in twisted homobilayers of transition metal dichalcogenides. Applied Physics Letters, 2021, 118, .	3.3	21
6	Full Slonczewski-Weiss-McClure parametrization of few-layer twistrionic graphene. Physical Review B, 2021, 104, .	3.2	8
7	Multifaceted moiré superlattice physics in twisted $WSe_2/MoSe_2$ bilayers. Physical Review B, 2021, 104, .	3.2	8
8	Quasistationary near-gate plasmons in van der Waals heterostructures. Physical Review B, 2021, 104, .	3.2	2
9	Stacking Domains and Dislocation Networks in Marginally Twisted Bilayers of Transition Metal Dichalcogenides. Physical Review Letters, 2020, 124, 206101.	7.8	100
10	Atomic reconstruction in twisted bilayers of transition metal dichalcogenides. Nature Nanotechnology, 2020, 15, 592-597.	31.5	245
11	Quantum confinement and heavy surface states of Dirac fermions in bismuth (111) films: An analytical approach. Physical Review B, 2018, 97, .	3.2	4
12	Collective excitations in a two-component one-dimensional massless Dirac plasma. Physical Review B, 2018, 98, .	3.2	3
13	Edge states and spin-valley edge photocurrent in transition metal dichalcogenide monolayers. Physical Review B, 2017, 96, .	3.2	8
14	Aharonov-Bohm oscillations caused by non-topological surface states in Dirac nanowires. JETP Letters, 2016, 104, 784-790.	1.4	2
15	Surface states of a system of dirac fermions: A minimal model. Journal of Experimental and Theoretical Physics, 2016, 122, 608-620.	0.9	21
16	Resonance absorption of terahertz radiation in nanoperforated graphene. JETP Letters, 2016, 104, 624-628.	1.4	5
17	Resonant electron scattering by a graphene antidot. Physical Review B, 2015, 92, .	3.2	9
18	Boundary conditions and surface state spectra in topological insulators. JETP Letters, 2015, 101, 89-96.	1.4	36

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19	Transport of Massless Dirac Fermions in Non-topological Type Edge States. Scientific Reports, 2014, 4, 7578.	3.3	18