

Celal Yelgel

List of Publications by Year in descending order

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16
papers

617
citations

1163117

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996975

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16
all docs

16
docs citations

16
times ranked

1067
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface termination dependence of electronic and optical properties in MXene monolayers. Physical Review Materials, 2022, 6, .		
2	Raman spectroscopy of GaSe and InSe post-transition metal chalcogenides layers. Faraday Discussions, 2021, 227, 163-170.	3.2	43
3	Stacking Domains and Dislocation Networks in Marginally Twisted Bilayers of Transition Metal Dichalcogenides. Physical Review Letters, 2020, 124, 206101.	7.8	100
4	Atomic reconstruction in twisted bilayers of transition metal dichalcogenides. Nature Nanotechnology, 2020, 15, 592-597.	31.5	245
5	Thermoelectric transport behaviours of n-type Mg ₂ (Si,Sn,Ge) quaternary solid solutions. Journal of Magnesium and Alloys, 2019, 7, 514-521.	11.9	9
6	Tunable electronic properties of van der Waals heterostructures composed of stanene adsorbed on two-dimensional, graphene-like nitrides. Journal of Applied Physics, 2019, 125, 155301.	2.5	5
7	Hybrid tight-binding model for subbands and infrared intersubband optics in few-layer films of transition-metal dichalcogenides. Physical Review B, 2018, 98, .	3.2	34
8	Nano-imaging of intersubband transitions in van der Waals quantum wells. Nature Nanotechnology, 2018, 13, 1035-1041.	31.5	75
9	Structural and electronic properties of MoS ₂ , WS ₂ , and WS ₂ /MoS ₂ heterostructures encapsulated with hexagonal boron nitride monolayers. Journal of Applied Physics, 2017, 122, .	2.5	49
10	First-principles modeling of GaN/MoSe ₂ van der Waals heterobilayer. Turkish Journal of Physics, 2017, 41, 463-468.	1.1	5
11	Electronic Structure of ABC-stacked Multilayer Graphene and Trigonal Warping:A First Principles Calculation. Journal of Physics: Conference Series, 2016, 707, 012022.	0.4	7
12	Structural and electronic properties of multilayer graphene on monolayer hexagonal boron nitride/nickel (111) interface system: A van der Waals density functional study. Journal of Applied Physics, 2016, 119, .	2.5	5
13	Atomic and Electronic Structure of Multilayer Graphene on a Monolayer Hexagonal Boron Nitride. Materials Research Society Symposia Proceedings, 2013, 1549, 65-70.	0.1	0
14	Energy Band Gap Modification of Graphene Deposited on a Multilayer Hexagonal Boron Nitride Substrate. Materials Research Society Symposia Proceedings, 2012, 1407, 45.	0.1	1
15	Ab initio investigation of the electronic properties of graphene on InAs(111)A. Journal of Physics Condensed Matter, 2012, 24, 485004.	1.8	3
16	Ab initio studies of electronic and optical properties of graphene and graphene-BN interface. Applied Surface Science, 2012, 258, 8338-8342.	6.1	33