

Thaneshwor P Kaloni

List of Publications by Year in descending order

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25
papers

1,893
citations

331259

21
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

2527
citing authors

#	ARTICLE	IF	CITATIONS
1	Polythiophene: From Fundamental Perspectives to Applications. Chemistry of Materials, 2017, 29, 10248-10283.	3.2	286
2	Topological phase in oxidized zigzag stanene nanoribbons. AIP Advances, 2016, 6, 095019.	0.6	8
3	Materials properties of out-of-plane heterostructures of MoS ₂ -WSe ₂ and WS ₂ -MoSe ₂ . Applied Physics Letters, 2016, 108, .	1.5	79
4	Band gap modulation in polythiophene and polypyrrole-based systems. Scientific Reports, 2016, 6, 36554.	1.6	41
5	Structural and Electronic Properties of Pristine and Doped Polythiophene: Periodic versus Molecular Calculations. Journal of Physical Chemistry C, 2015, 119, 3979-3989.	1.5	39
6	Electrically Engineered Band Gap in Two-Dimensional Ge, Sn, and Pb: A First-Principles and Tight-Binding Approach. Journal of Physical Chemistry C, 2015, 119, 11896-11902.	1.5	41
7	Quantum spin Hall states in graphene interacting with WS ₂ or WSe ₂ . Applied Physics Letters, 2014, 105, .	1.5	67
8	Tuning the Structural, Electronic, and Magnetic Properties of Germanene by the Adsorption of 3d Transition Metal Atoms. Journal of Physical Chemistry C, 2014, 118, 25200-25208.	1.5	230
9	Strain engineering of WS ₂ , WSe ₂ , and WTe ₂ . RSC Advances, 2014, 4, 34561.	1.7	279
10	Large Enhancement and Tunable Band Gap in Silicene by Small Organic Molecule Adsorption. Journal of Physical Chemistry C, 2014, 118, 23361-23367.	1.5	162
11	Modelling magnetism of C at O and B monovacancies in graphene. Carbon, 2013, 64, 281-287.	5.4	35
12	Weak interaction between germanene and GaAs(0001) by H intercalation: A route to exfoliation. Journal of Applied Physics, 2013, 114, 184307.	1.1	52
13	Substrate-enhanced superconductivity in Li-decorated graphene. Europhysics Letters, 2013, 104, 47013.	0.7	35
14	Hole doped Dirac states in silicene by biaxial tensile strain. Journal of Applied Physics, 2013, 113, .	1.1	117
15	Stability of germanene under tensile strain. Chemical Physics Letters, 2013, 583, 137-140.	1.2	92
16	Pseudo Dirac dispersion in Mn-intercalated graphene on SiC. Chemical Physics Letters, 2013, 578, 81-84.	1.2	8
17	K-intercalated carbon systems: Effects of dimensionality and substrate. Europhysics Letters, 2012, 98, 67003.	0.7	26
18	Fluorinated monovacancies in graphene: Even-odd effect. Europhysics Letters, 2012, 100, 37003.	0.7	12

#	ARTICLE	IF	CITATIONS
19	Electronic structure of superlattices of graphene and hexagonal boron nitride. Journal of Materials Chemistry, 2012, 22, 919-922.	6.7	90
20	Mechanism of Si intercalation in defective graphene on SiC. Journal of Materials Chemistry, 2012, 22, 23340.	6.7	25
21	Ge-intercalated graphene: The origin of the p-type to n-type transition. Europhysics Letters, 2012, 99, 57002.	0.7	10
22	Charge carrier density in Li-intercalated graphene. Chemical Physics Letters, 2012, 534, 29-33.	1.2	37
23	Induced magnetism in transition metal intercalated graphitic systems. Journal of Materials Chemistry, 2011, 21, 18681.	6.7	46
24	Oxidation of monovacancies in graphene by oxygen molecules. Journal of Materials Chemistry, 2011, 21, 18284.	6.7	50
25	COMPARATIVE STUDY OF ELECTRONIC PROPERTIES OF GRAPHITE AND HEXAGONAL BORON NITRIDE (h-BN) USING PSEUDOPOTENTIAL PLANE WAVE METHOD. Modern Physics Letters B, 2011, 25, 1855-1866.	1.0	26