Subhadip Nath

List of Publications by Year
in descending order

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15	167	1163117 8	1125743 13
papers	citations	h-index	g-index

15	15	15	52
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electric field-induced electronic-thermoelectric-optical properties of typical isoelectronic HNC6 monolayers: A theoretical study. Applied Surface Science, 2022, 581, 152094.	6.1	5
2	Band engineering of non-hexagonal 2D tetragonal-silicene sheet and nanoribbons: A theoretical approach. Journal of Physics and Chemistry of Solids, 2021, 150, 109801.	4.0	17
3	First-principles study of the optical and thermoelectric properties of tetragonal-silicene. Physical Chemistry Chemical Physics, 2021, 23, 11863-11875.	2.8	14
4	First principles investigation of structural, electronic and optical properties of synthesized radiaannulene oligomers for 6,6,12-graphyne. Journal of Physics and Chemistry of Solids, 2021, 153, 109990.	4.0	13
5	Thermoelectric and optical properties of 2D hexagonal Dirac material Be3X2 (Xâ€‰=â€‰C, Si, Ge, Sn): A density functional theory study. Journal of Applied Physics, 2021, 130, .	2.5	4
6	Tetragonal Silicene and Germanene Quantum Dots: Candidates for Enhanced Nonlinear Optical and Photocatalytic Activity. Journal of Physical Chemistry C, 2021, 125, 21718-21728.	3.1	10
7	Mobile inter-site bipolarons in presence of long-range interactions. Physica B: Condensed Matter, 2020, 578, 411881.	2.7	1
8	Electronic and optical properties of non-hexagonal Dirac material S-graphene sheet and nanoribbons. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 120, 114087.	2.7	26
9	The topology and robustness of two Dirac cones in S-graphene: A tight binding approach. Scientific Reports, 2020, 10, 2502.	3.3	34
10	Hole-polarons and bipolarons in the Holstein tâ€¯â^'â€¯J model: Relevance of inter-site hole-phonon interaction. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 1510-1515.	2.1	7
11	Specific heat, entropy and magnetic properties of high Tc superconductivity within the planar tâ^'tâ€²â^'Jâ^'V model. European Physical Journal B, 2019, 92, 1.	1.5	2
12	Hole pairing and ground state properties of high-T c superconductivity within the tâ€“tâ€²â€“Jâ€“V model. European Physical Journal B, 2018, 91, 1.	1.5	7
13	Relevance of inter-site Coulomb repulsion on high-T superconductivity within tâ^'Jâ^'V model. Chinese Journal of Physics, 2018, 56, 958-964.	3.9	6
14	Phonon-Mediated Electronâ€“Phonon Interaction in Hubbardâ€“Holstein Model. Journal of Low Temperature Physics, 2016, 182, 1-12.	1.4	10
15	On-site and inter-site electronâ€“phonon interaction in 2D Hubbard model. Physica B: Condensed Matter, 2013, 412, 83-86.	2.7	11