

Nguyen Tuan Hung

List of Publications by Year in descending order

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8
papers

126
citations

1478505

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1720034

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all docs

10
docs citations

10
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	First-principles study of mechanical, electronic and optical properties of Janus structure in transition metal dichalcogenides. Applied Surface Science, 2020, 526, 146730.	6.1	46
2	Effects of strain and electric field on electronic and optical properties of monolayer $\text{I}^3\text{-GeX}$ ($X = \text{S, Se}$). Journal of Applied Physics, 2021, 124, 155301.	6.1	17
3	152321. Intrinsic strength and failure behaviors of ultra-small single-walled carbon nanotubes. Computational Materials Science, 2016, 114, 167-171.	3.0	16
4	Charge-induced electromechanical actuation of Mo- and W-dichalcogenide monolayers. RSC Advances, 2018, 8, 38667-38672.	3.6	16
5	Charge-induced electromechanical actuation of two-dimensional hexagonal and pentagonal materials. Physical Chemistry Chemical Physics, 2019, 21, 22377-22384.	2.8	15
6	Inversion domain boundaries in MoSe_2 layers. RSC Advances, 2018, 8, 33391-33397.	3.6	9
7	Ab initio study of structural transition and pseudoelasticity in Cu nanowires. Surface Science, 2015, 641, 1-5.	1.9	5
8	Turning Electronic and Optical Properties of Monolayer Janus Sn-Dichalcogenides By Biaxial Strain. Lecture Notes in Mechanical Engineering, 2022, , 981-989.	0.4	1