

Vuong Van Thanh

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

120
citations

1478505

6
h-index

1872680

6
g-index

10
all docs

10
docs citations

10
times ranked

109
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. Effects of strain and electric field on electronic and optical properties of monolayer GeX ($X = \text{S, Se, Te}$)	6.1	46
2	Intrinsic strength and failure behaviors of ultra-small single-walled carbon nanotubes. Computational Materials Science, 2016, 114, 167-171.	3.0	16
3	Charge-induced electromechanical actuation of Mo- and W-dichalcogenide monolayers. RSC Advances, 2018, 8, 38667-38672.	3.6	16
4	Charge-induced electromechanical actuation of two-dimensional hexagonal and pentagonal materials. Physical Chemistry Chemical Physics, 2019, 21, 22377-22384.	2.8	15
5	Charge-induced high-performance actuation of borophene. Journal Physics D: Applied Physics, 2021, 54, 105504.	2.8	8
6	Turning Electronic and Optical Properties of Monolayer Janus Sn-Dichalcogenides By Biaxial Strain. Lecture Notes in Mechanical Engineering, 2022, , 981-989.	0.4	1
7	Determining Ideal Strength and Electronic Properties of Ge/Si Core-Shell Nanowires. Journal of the Korean Society for Precision Engineering, 2019, 36, 699-704.	0.2	0