

Hang Yin

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

189
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Excited Oscillation of Rotating Double-Walled Carbon Nanotubes. Nano Letters, 2014, 14, 2558-2562.	9.1	93
2	A stable high-speed rotational transmission system based on nanotubes. Applied Physics Letters, 2015, 106, .	3.3	38
3	Study on the dynamics responses of a transmission system made from carbon nanotubes. Journal of Applied Physics, 2015, 117, .	2.5	21
4	Dynamic response of a carbon nanotube-based rotary nano device with different carbon-hydrogen bonding layout. Applied Surface Science, 2016, 365, 352-356.	6.1	10
5	Mechanical stability of a nanotube from monolayer black phosphorus with the [110] direction as the tube's circumference or generatrix. Physical Chemistry Chemical Physics, 2018, 20, 3465-3473.	2.8	10
6	Configuration transition between graphene and nanoscroll using kinetic energy injecting method. Computational Materials Science, 2016, 125, 146-153.	3.0	7
7	Unwinding of a carbon nanoscroll due to high speed rotation. AIP Advances, 2015, 5, 107202.	1.3	4
8	A nano converter from carbon nanotubes with multiple output signals. Computational Materials Science, 2016, 111, 263-268.	3.0	2
9	Numerical study of thermal conductivity based on phosphorene anisotropy: Including [110] direction and related phosphorus nanotubes. Materials Today Communications, 2020, 22, 100814.	1.9	2
10	Multiple stable dynamic responses based on interlayer and edge coupling effect in carbon nanotube transmission system. Computational Materials Science, 2021, 190, 110305.	3.0	2