RESEARCH & PUBLICATIONS

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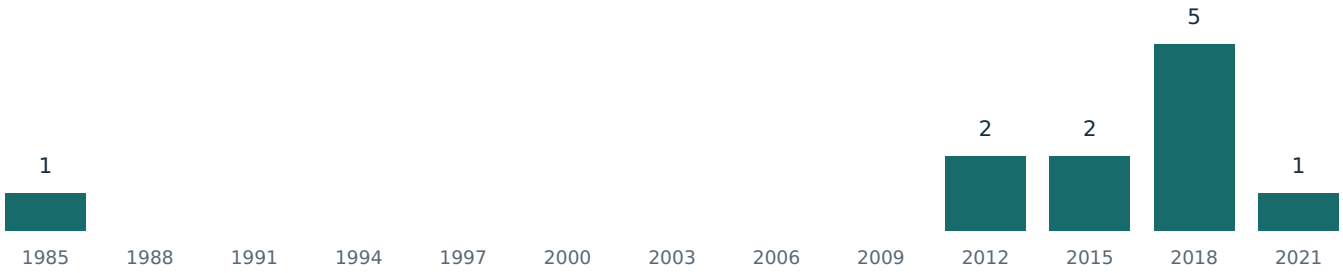
A publication record at a glance

11	159	7
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 3-year periods



MOST CITED IN THIS LIST

Elastic and Structural Properties and Buckling Behavior of Single-Walled Carbon Nanotubes Under Chemical Adsorption of Atomic Oxygen and Hydroxyl — 33

2014 Chemical Physics Letters

Stability Characteristics and Structural Properties of Single- and Double-Walled Boron-Nitride Nanotubes Under Physical Adsorption of Flavin Mononucleotide (FMN) in — 25

... full title in the publication list

2016 Applied Surface Science

On the Vibrational Characteristics of Single- and Double-Walled Carbon Nanotubes Containing Ice Nanotube in Aqueous Environment — 20

2015 Applied Physics A: Materials Science and Processing

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Ordered by citations, highest first

01 Elastic and Structural Properties and Buckling Behavior of Single-Walled Carbon Nanotubes Under Chemical Adsorption of Atomic Oxygen and Hydroxyl

Chemical Physics Letters · 2014 · 616, 120-125

https://exaly.com/article/59029439

33 citations

02 Stability Characteristics and Structural Properties of Single- and Double-Walled Boron-Nitride Nanotubes Under Physical Adsorption of Flavin Mononucleotide (FMN) in Aqueous Environment Using Molecular Dynamics Simulations

Applied Surface Science · 2016 · 366, 233-244

https://exaly.com/article/65341973

25 citations

03 On the Vibrational Characteristics of Single- and Double-Walled Carbon Nanotubes Containing Ice Nanotube in Aqueous Environment

Applied Physics A: Materials Science and Processing · 2015 · 121, 223-232

https://exaly.com/article/62649365

20 citations

04 Boundary Layer Flow of a Micropolar Fluid on a Continuous Moving Cylinder

Acta Mechanica · 1985 · 57, 203-214

https://exaly.com/article/17597206

19 citations

05 Buckling Behavior of Various Metallic Glass Nanocomposites Reinforced by Carbon Nanotube and Cu Nanowire: A Molecular Dynamics Simulation Study

Materials Research Express · 2019 · 6, 095070

https://exaly.com/article/72243312

19 citations

06 On the Mechanical Stability and Buckling Analysis of Carbon Nanotubes Filled With Ice Nanotubes in the Aqueous Environment: A Molecular Dynamics Simulation Approach

Journal of Molecular Graphics and Modelling · 2019 · 89, 74-81

https://exaly.com/article/73422994

18 citations

07 Characterizing the Mechanical Properties and Fracture Pattern of Defective Hexagonal Boron-Nitride Sheets With Focus on Stone-Wales Defect

Superlattices and Microstructures · 2020 · 142, 106526

https://exaly.com/article/76699017

14 citations

08 Adsorption Analysis and Mechanical Characteristics of Carbon Nanotubes Under Physisorption of Biological Molecules in an Aqueous Environment Using Molecular Dynamics Simulations

Molecular Simulation · 2020 · 46, 388-397

https://exaly.com/article/77444096

7 citations

09 Full-Potential Calculation of Structural, Electronic, and Thermodynamic Properties of Fluoroperovskite $CsMF_3$ (M = Be and Mg)

International Journal of Thermophysics · 2012 · 33, 2339-2350

https://exaly.com/article/54030051

3 citations

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10 On the Buckling Behavior of Functionalized Single- and Double-Walled Carbon Nanotubes With Azobenzene in the Aqueous Environment: A Molecular Dynamics Study

Structural Chemistry · 2020 · 31, 371-384

https://exaly.com/article/75088581

1 citations

11 High Velocity Impact Analysis of Free-Free Carbon Nanotubes

Journal of Molecular Graphics and Modelling · 2022 · 111, 108105

https://exaly.com/article/123774078

0 citations

End of list · 11 articles. Citation counts use Exaly’s peer-reviewed cohort.