

Haruka Kyakuno

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

389
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

620
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Water-filled single-wall carbon nanotubes as molecular nanovalves. <i>Nature Materials</i> , 2007, 6, 135-141. | 27.5 | 159 |
| 2 | Confined water inside single-walled carbon nanotubes: Global phase diagram and effect of finite length. <i>Journal of Chemical Physics</i> , 2011, 134, 244501. | 3.0 | 133 |
| 3 | Diameter-dependent hydrophobicity in carbon nanotubes. <i>Journal of Chemical Physics</i> , 2016, 145, . | 3.0 | 39 |
| 4 | Amorphous water in three-dimensional confinement of zeolite-templated carbon. <i>Chemical Physics Letters</i> , 2013, 571, 54-60. | 2.6 | 15 |
| 5 | Rotational dynamics and dynamical transition of water inside hydrophobic pores of carbon nanotubes. <i>Scientific Reports</i> , 2017, 7, 14834. | 3.3 | 14 |
| 6 | Haldane State Formed by Oxygen Molecules Encapsulated in Single-Walled Carbon Nanotubes. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 113706. | 1.6 | 13 |
| 7 | Global Phase Diagram of Water Confined on the Nanometer Scale. <i>Journal of the Physical Society of Japan</i> , 2010, 79, 083802. | 1.6 | 11 |
| 8 | Ice Nanoribbons Confined in Uniaxially Distorted Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18493-18500. | 3.1 | 5 |