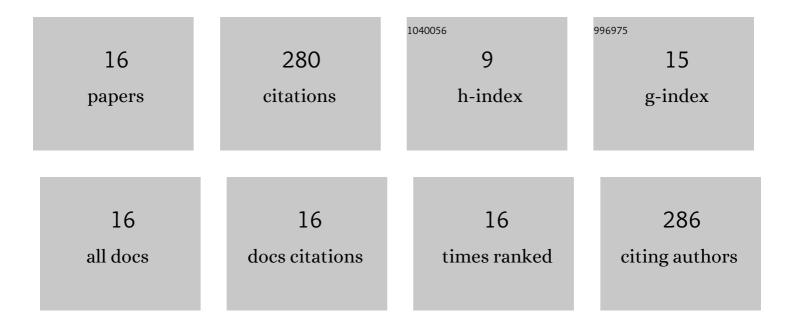
Zhenjiang Guo

List of Publications by Year in descending order

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ZHENIIANG CUO

| # | Article | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | The fate of bulk nanobubbles under gas dissolution. Physical Chemistry Chemical Physics, 2022, 24, 9685-9694. | 2.8 | 10 |
| 2 | Surface enrichment of ions leads to the stability of bulk nanobubbles. Soft Matter, 2020, 16, 5470-5477. | 2.7 | 54 |
| 3 | Stability of Surface Nanobubbles without Contact Line Pinning. Langmuir, 2019, 35, 8482-8489. | 3.5 | 19 |
| 4 | Curvature dependence of Henry's law constant and nonideality of gas equilibrium for curved vapor–liquid interfaces. AICHE Journal, 2019, 65, e16604. | 3.6 | 3 |
| 5 | Enhanced fluctuation for pinned surface nanobubbles. Physical Review E, 2019, 100, 052803. | 2.1 | 7 |
| 6 | Evaluation of composite interfacial properties based on carbon fiber surface chemistry and topography: Nanometer-scale wetting analysis using molecular dynamics simulation. Composites Science and Technology, 2019, 171, 252-260. | 7.8 | 48 |
| 7 | Microdroplet targeting induced by substrate curvature. Chinese Physics B, 2018, 27, 096801. | 1.4 | 0 |
| 8 | Surface Nanobubbles Nucleate Liquid Boiling. Langmuir, 2018, 34, 14096-14101. | 3.5 | 18 |
| 9 | Contact Line Pinning Effects Influence Determination of the Line Tension of Droplets Adsorbed on Substrates. Journal of Physical Chemistry C, 2018, 122, 17184-17189. | 3.1 | 15 |
| 10 | How nanobubbles lose stability: Effects of surfactants. Applied Physics Letters, 2017, 111, . | 3.3 | 18 |
| 11 | Solvent Exchange Leading to Nanobubble Nucleation: A Molecular Dynamics Study. Langmuir, 2017, 33, 8090-8096. | 3.5 | 33 |
| 12 | What experiments on pinned nanobubbles can tell about the critical nucleus for bubble nucleation. European Physical Journal E, 2017, 40, 114. | 1.6 | 13 |
| 13 | Hidden Nanobubbles in Undersaturated Liquids. Langmuir, 2016, 32, 11328-11334. | 3.5 | 6 |
| 14 | Modeling the Interaction between AFM Tips and Pinned Surface Nanobubbles. Langmuir, 2016, 32, 751-758. | 3.5 | 25 |
| 15 | Stability of micro-Cassie states on rough substrates. Journal of Chemical Physics, 2015, 142, 244704. | 3.0 | 6 |
| 16 | Constrained lattice density functional theory and its applications on vapor–liquid nucleations. Science Bulletin, 2015, 60, 320-327. | 9.0 | 5 |