Rui Qiao

List of Publications by Year in descending order

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| | | 66315 | 62565 |
|----------|----------------|--------------|----------------|
| 138 | 6,912 | 42 | 80 |
| papers | citations | h-index | g-index |
| | | | |
| | | | |
| 143 | 143 | 143 | 8408 |
| 143 | 143 | 143 | 0400 |
| all docs | docs citations | times ranked | citing authors |
| | | | |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Translocation of C60and Its Derivatives Across a Lipid Bilayer. Nano Letters, 2007, 7, 614-619. | 4.5 | 369 |
| 2 | Ion concentrations and velocity profiles in nanochannel electroosmotic flows. Journal of Chemical Physics, 2003, 118, 4692-4701. | 1,2 | 310 |
| 3 | Harvesting electrical energy from carbon nanotube yarn twist. Science, 2017, 357, 773-778. | 6.0 | 306 |
| 4 | In vivo Biomodification of Lipid-Coated Carbon Nanotubes by Daphnia magna. Environmental Science & Env | 4.6 | 304 |
| 5 | Accelerating charging dynamics in subnanometre pores. Nature Materials, 2014, 13, 387-393. | 13.3 | 303 |
| 6 | Self-Assembly: A Facile Way of Forming Ultrathin, High-Performance Graphene Oxide Membranes for Water Purification. Nano Letters, 2017, 17, 2928-2933. | 4.5 | 269 |
| 7 | A physical catalyst for the electrolysis of nitrogen to ammonia. Science Advances, 2018, 4, e1700336. | 4.7 | 264 |
| 8 | Electrolytic transport through a synthetic nanometer-diameter pore. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10445-10450. | 3.3 | 220 |
| 9 | Charge Inversion and Flow Reversal in a Nanochannel Electro-osmotic Flow. Physical Review Letters, 2004, 92, 198301. | 2.9 | 204 |
| 10 | Moisture Sensitive Smart Yarns and Textiles from Selfâ€Balanced Silk Fiber Muscles. Advanced Functional Materials, 2019, 29, 1808241. | 7.8 | 200 |
| 11 | Complex Capacitance Scaling in Ionic Liquids-Filled Nanopores. ACS Nano, 2011, 5, 9044-9051. | 7.3 | 188 |
| 12 | Ion Distribution in Electrified Micropores and Its Role in the Anomalous Enhancement of Capacitance. ACS Nano, 2010, 4, 2382-2390. | 7.3 | 183 |
| 13 | Microstructure and Capacitance of the Electrical Double Layers at the Interface of Ionic Liquids and Planar Electrodes. Journal of Physical Chemistry C, 2009, 113, 4549-4559. | 1.5 | 182 |
| 14 | The importance of ion size and electrode curvature on electrical double layers in ionic liquids. Physical Chemistry Chemical Physics, 2011, 13, 1152-1161. | 1.3 | 173 |
| 15 | Water in Ionic Liquids at Electrified Interfaces: The Anatomy of Electrosorption. ACS Nano, 2014, 8, 11685-11694. | 7.3 | 146 |
| 16 | Predicting Effective Diffusivity of Porous Media from Images by Deep Learning. Scientific Reports, 2019, 9, 20387. | 1.6 | 110 |
| 17 | Lipid-Carbon Nanotube Self-Assembly in Aqueous Solution. Journal of the American Chemical Society, 2006, 128, 13656-13657. | 6.6 | 107 |
| 18 | Structure and dynamics of electrical double layers in organic electrolytes. Physical Chemistry Chemical Physics, 2010, 12, 5468. | 1.3 | 107 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Three-Dimensional Double Layers. Journal of Physical Chemistry C, 2014, 118, 18285-18290. | 1.5 | 98 |
| 20 | Atypical Dependence of Electroosmotic Transport on Surface Charge in a Single-wall Carbon Nanotube. Nano Letters, 2003, 3, 1013-1017. | 4.5 | 95 |
| 21 | Atomistic simulation of KCl transport in charged silicon nanochannels: Interfacial effects. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 267, 103-109. | 2.3 | 91 |
| 22 | A "counter-charge layer in generalized solvents―framework for electrical double layers in neat and hybrid ionic liquid electrolytes. Physical Chemistry Chemical Physics, 2011, 13, 14723. | 1.3 | 90 |
| 23 | Parameterization of the porous-material model for sand with different levels of water saturation. Soil Dynamics and Earthquake Engineering, 2008, 28, 20-35. | 1.9 | 82 |
| 24 | Importance of Ion Packing on the Dynamics of Ionic Liquids during Micropore Charging. Journal of Physical Chemistry Letters, 2016, 7, 36-42. | 2.1 | 78 |
| 25 | Voltage Dependent Charge Storage Modes and Capacity in Subnanometer Pores. Journal of Physical Chemistry Letters, 2012, 3, 1732-1737. | 2.1 | 77 |
| 26 | Duality of the interfacial thermal conductance in graphene-based nanocomposites. Carbon, 2014, 75, 169-177. | 5.4 | 67 |
| 27 | Scaling of Electrokinetic Transport in Nanometer Channels. Langmuir, 2005, 21, 8972-8977. | 1.6 | 66 |
| 28 | Carbon nanomaterials in biological systems. Journal of Physics Condensed Matter, 2007, 19, 373101. | 0.7 | 65 |
| 29 | Thermodynamics and Kinetics of Gas Storage in Porous Liquids. Journal of Physical Chemistry B, 2016, 120, 7195-7200. | 1.2 | 64 |
| 30 | Simulation of heat conduction in nanocomposite using energy-conserving dissipative particle dynamics. Molecular Simulation, 2007, 33, 677-683. | 0.9 | 63 |
| 31 | Meshless analysis of steady-state electro-osmotic transport. Journal of Microelectromechanical Systems, 2000, 9, 435-449. | 1.7 | 54 |
| 32 | Effects of molecular level surface roughness on electroosmotic flow. Microfluidics and Nanofluidics, 2006, 3, 33-38. | 1.0 | 54 |
| 33 | A compact model for electroosmotic flows in microfluidic devices. Journal of Micromechanics and Microengineering, 2002, 12, 625-635. | 1.5 | 53 |
| 34 | Effect of diffuse layer and pore shapes in mesoporous carbon supercapacitors. Journal of Materials Research, 2010, 25, 1469-1475. | 1.2 | 53 |
| 35 | Atomistic Insight on the Charging Energetics in Subnanometer Pore Supercapacitors. Journal of Physical Chemistry C, 2010, 114, 18012-18016. | 1.5 | 53 |
| 36 | Recent Progress in Polysulfide Redoxâ€Flow Batteries. Batteries and Supercaps, 2019, 2, 627-637. | 2.4 | 52 |

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|----|---|------|-----------|
| 37 | Tuning interfacial thermal conductance of graphene embedded in soft materials by vacancy defects. Journal of Chemical Physics, 2015, 142, 244703. | 1.2 | 51 |
| 38 | Dynamic Charge Storage in Ionic Liquids-Filled Nanopores: Insight from a Computational Cyclic Voltammetry Study. Journal of Physical Chemistry Letters, 2015, 6, 22-30. | 2.1 | 51 |
| 39 | The ionized graphene oxide membranes for water-ethanol separation. Carbon, 2018, 136, 262-269. | 5.4 | 51 |
| 40 | Sodium–Sulfur Flow Battery for Lowâ€Cost Electrical Storage. Advanced Energy Materials, 2018, 8, 1701991. | 10.2 | 49 |
| 41 | Surface-charge-induced asymmetric electrokinetic transport in confined silicon nanochannels. Applied Physics Letters, 2005, 86, 143105. | 1.5 | 48 |
| 42 | Integrated experimental and modeling evaluation of energy consumption for ammonia recovery in bioelectrochemical systems. Chemical Engineering Journal, 2017, 327, 924-931. | 6.6 | 46 |
| 43 | Water-in-salt electrolytes: An interfacial perspective. Current Opinion in Colloid and Interface Science, 2020, 47, 99-110. | 3.4 | 44 |
| 44 | Control of Electroosmotic Flow by Polymer Coating:Â Effects of the Electrical Double Layer. Langmuir, 2006, 22, 7096-7100. | 1.6 | 41 |
| 45 | Physical origins of apparently enhanced viscosity of interfacial fluids in electrokinetic transport. Physics of Fluids, 2011, 23, . | 1.6 | 39 |
| 46 | Modeling galvanostatic charge–discharge of nanoporous supercapacitors. Nature Computational Science, 2021, 1, 725-731. | 3.8 | 39 |
| 47 | Self-consistent fluctuating hydrodynamics simulations of thermal transport in nanoparticle suspensions. Journal of Applied Physics, 2008, 103, 094305. | 1.1 | 38 |
| 48 | Impact of Surface Ionization on Water Transport and Salt Leakage through Graphene Oxide Membranes. Journal of Physical Chemistry C, 2017, 121, 13412-13420. | 1.5 | 37 |
| 49 | Double helical conformation and extreme rigidity in a rodlike polyelectrolyte. Nature Communications, 2019, 10, 801. | 5.8 | 36 |
| 50 | Differential Ion Transport Induced Electroosmosis and Internal Recirculation in Heterogeneous Osmosis Membranes. Nano Letters, 2006, 6, 995-999. | 4.5 | 34 |
| 51 | Self-Diffusiophoresis of Janus Catalytic Micromotors in Confined Geometries. Langmuir, 2016, 32, 5580-5592. | 1.6 | 34 |
| 52 | Modulation of Electroosmotic Flow by Neutral Polymers. Langmuir, 2007, 23, 5810-5816. | 1.6 | 30 |
| 53 | Understanding Ammonium Transport in Bioelectrochemical Systems towards its Recovery. Scientific Reports, 2016, 6, 22547. | 1.6 | 30 |
| 54 | Recovery of Multicomponent Shale Gas from Single Nanopores. Energy & 2017, 31, 7932-7940. | 2.5 | 29 |

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|----|---|-----|-----------|
| 55 | Water at ionic liquids-solid interfaces. Current Opinion in Electrochemistry, 2019, 13, 11-17. | 2.5 | 29 |
| 56 | Dynamics of electrical double layer formation in room-temperature ionic liquids under constant-current charging conditions. Journal of Physics Condensed Matter, 2014, 26, 284109. | 0.7 | 28 |
| 57 | Soaking in CO2 huff-n-puff: A single-nanopore scale study. Fuel, 2022, 308, 122026. | 3.4 | 28 |
| 58 | Marangoni Flow Induced Collective Motion of Catalytic Micromotors. Journal of Physical Chemistry C, 2015, 119, 28361-28367. | 1.5 | 27 |
| 59 | Multiscale Simulation of Electroosmotic Transport Using Embedding Techniques. International Journal for Multiscale Computational Engineering, 2004, 2, 173-188. | 0.8 | 27 |
| 60 | Atomic layer deposition in porous electrodes: A pore-scale modeling study. Chemical Engineering Journal, 2019, 378, 122099. | 6.6 | 26 |
| 61 | Charge measurement of cosmic ray nuclei with the plastic scintillator detector of DAMPE. Astroparticle Physics, 2019, 105, 31-36. | 1.9 | 26 |
| 62 | Low salinity effect on the recovery of oil trapped by nanopores: A molecular dynamics study. Fuel, 2020, 261, 116443. | 3.4 | 26 |
| 63 | A full-Eulerian solid level set method for simulation of fluid–structure interactions. Microfluidics and Nanofluidics, 2011, 11, 557-567. | 1.0 | 25 |
| 64 | Facile tuning of superhydrophobic states with Ag nanoplates. Nano Research, 2008, 1, 292-302. | 5.8 | 24 |
| 65 | Structure and charging kinetics of electrical double layers at large electrode voltages. Microfluidics and Nanofluidics, 2010, 8, 703-708. | 1.0 | 23 |
| 66 | Structure, Thermodynamics, and Dynamics of Thin Brine Films in Oil–Brine–Rock Systems. Langmuir, 2019, 35, 10341-10353. | 1.6 | 23 |
| 67 | Effects of Water on Mica–Ionic Liquid Interfaces. Journal of Physical Chemistry C, 2018, 122, 9035-9045. | 1.5 | 22 |
| 68 | Internal alignment and position resolution of the silicon tracker of DAMPE determined with orbit data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 893, 43-56. | 0.7 | 22 |
| 69 | Swelling pressure of montmorillonite with multiple water layers at elevated temperatures and water pressures: A molecular dynamics study. Applied Clay Science, 2021, 201, 105924. | 2.6 | 21 |
| 70 | Current Rectification for Transport of Room-Temperature Ionic Liquids through Conical Nanopores. Journal of Physical Chemistry C, 2016, 120, 4629-4637. | 1.5 | 20 |
| 71 | Weakly charged droplets fundamentally change impact dynamics on flat surfaces. Soft Matter, 2019, 15, 5548-5553. | 1.2 | 20 |
| 72 | Spatial Molecular Layer Deposition of Ultrathin Polyamide To Stabilize Silicon Anodes in Lithium-Ion Batteries. ACS Applied Energy Materials, 2019, 2, 4135-4143. | 2.5 | 20 |

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| 73 | Molecular Structure and Dynamics of Ionic Liquids in a Rigid-Rod Polyanion-Based Ion Gel. Langmuir, 2017, 33, 322-331. | 1.6 | 19 |
| 74 | Magnetic Actuation of Surface Walkers: The Effects of Confinement and Inertia. Langmuir, 2020, 36, 7046-7055. | 1.6 | 19 |
| 75 | A New Uniform Calibration Method for Double-Sided Silicon Strip Detectors. IEEE Transactions on Nuclear Science, 2014, 61, 596-601. | 1.2 | 18 |
| 76 | Fluid dynamics of the droplet impact processes in cell printing. Microfluidics and Nanofluidics, 2015, 18, 569-585. | 1.0 | 16 |
| 77 | Flow of quasi-two dimensional water in graphene channels. Journal of Chemical Physics, 2018, 148, 064702. | 1.2 | 16 |
| 78 | Transient analysis of electro-osmotic transport by a reduced-order modelling approach. International Journal for Numerical Methods in Engineering, 2003, 56, 1023-1050. | 1.5 | 15 |
| 79 | Ultrafast measurement of transient electroosmotic flow in microfluidics. Microfluidics and Nanofluidics, 2011, 11, 353-358. | 1.0 | 15 |
| 80 | Manipulation of magnetic nanorod clusters in liquid by non-uniform alternating magnetic fields. Soft Matter, 2017, 13, 3750-3759. | 1.2 | 15 |
| 81 | Multicomponent Gas Storage in Organic Cage Molecules. Journal of Physical Chemistry C, 2017, 121, 12426-12433. | 1.5 | 15 |
| 82 | Surface hydration drives rapid water imbibition into strongly hydrophilic nanopores. Physical Chemistry Chemical Physics, 2017, 19, 20506-20512. | 1.3 | 15 |
| 83 | Interfacial CO ₂ -mediated nanoscale oil transport: from impediment to enhancement. Physical Chemistry Chemical Physics, 2020, 22, 23057-23063. | 1.3 | 15 |
| 84 | Physics-constrained deep learning for data assimilation of subsurface transport. Energy and AI, 2021, 3, 100044. | 5.8 | 15 |
| 85 | Dispersion control in nano-channel systems by localized ζ-potential variations. Sensors and Actuators A: Physical, 2003, 104, 268-274. | 2.0 | 14 |
| 86 | Experimental and Molecular Insights on Mitigation of Hydrocarbon Sieving in Niobrara Shale by CO2 Huff  n' Puff. SPE Journal, 2020, 25, 1803-1811. | 1.7 | 14 |
| 87 | Electro-Induced Dewetting and Concomitant Ionic Current Avalanche in Nanopores. Journal of Physical Chemistry Letters, 2013, 4, 3120-3126. | 2.1 | 13 |
| 88 | On the peculiar bubble formation, growth, and collapse behaviors in catalytic micro-motor systems. Microfluidics and Nanofluidics, 2017, 21, 1. | 1.0 | 13 |
| 89 | Study of Oscillating Electroosmotic Flows with High Temporal and Spatial Resolution. Analytical Chemistry, 2018, 90, 1652-1659. | 3.2 | 13 |
| 90 | Solvate Ionic Liquids at Electrified Interfaces. ACS Applied Materials & Solvate Ionic Liquids at Electrified Interfaces. ACS Applied Materials & Solvate Ionic Liquids at Electrified Interfaces. ACS Applied Materials & Solvate Ionic Liquids at Electrified Interfaces. ACS Applied Materials & Solvate Ionic Liquids at Electrified Interfaces. ACS Applied Materials & Solvate Ionic Liquids at Electrified Interfaces. ACS Applied Materials & Solvate Ionic Liquids at Electrified Interfaces. ACS Applied Materials & Solvate Ionic Liquids at Electrified Interfaces. ACS Applied Materials & Solvate Ionic Liquids at Electrified Ionic Ion | 4.0 | 13 |

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| 91 | Electrostatic Jumping of Frost. ACS Nano, 2021, 15, 4669-4677. | 7.3 | 13 |
| 92 | Enabling Magnesium Anodes by Tuning the Electrode/Electrolyte Interfacial Structure. ACS Applied Materials & Samp; Interfaces, 2021, 13, 52461-52468. | 4.0 | 13 |
| 93 | Deep learning-based reconstruction of the structure of heterogeneous composites from their temperature fields. AIP Advances, 2020, 10, . | 0.6 | 12 |
| 94 | Advances in Studies of Boron Nitride Nanosheets and Nanocomposites for Thermal Transport and Related Applications. ChemPhysChem, 2022, 23, . | 1.0 | 12 |
| 95 | Mapping of dissipative particle dynamics in fluctuating hydrodynamics simulations. Journal of Chemical Physics, 2008, 128, 126101. | 1.2 | 11 |
| 96 | DAMPE silicon tracker on-board data compression algorithm. Chinese Physics C, 2015, 39, 116202. | 1.5 | 11 |
| 97 | Manipulation of Single Cells Using a Ferromagnetic Nanorod Cluster Actuated by Weak AC Magnetic Fields. Advanced Biology, 2019, 3, e1800246. | 3.0 | 11 |
| 98 | Drying of porous media by concurrent drainage and evaporation: A pore network modeling study. International Journal of Heat and Mass Transfer, 2020, 152, 118718. | 2.5 | 11 |
| 99 | Bulk and Interfacial Properties of the Decane + Brine System in the Presence of Carbon Dioxide, Methane, and Their Mixture. Industrial & Engineering Chemistry Research, 2021, 60, 11525-11534. | 1.8 | 11 |
| 100 | Molecular anatomy and macroscopic behavior of oil extraction from nanopores by CO2 and CH4. Fuel, 2022, 324, 124662. | 3.4 | 11 |
| 101 | Electrokinetic Transport in Room-Temperature Ionic Liquids: Amplification by Short-Wavelength Hydrodynamics. Journal of Physical Chemistry C, 2012, 116, 1133-1138. | 1.5 | 10 |
| 102 | Invasion of gas into mica nanopores: a molecular dynamics study. Journal of Physics Condensed Matter, 2018, 30, 224001. | 0.7 | 10 |
| 103 | Probing Nanoscale Thermal Transport in Surfactant Solutions. Scientific Reports, 2015, 5, 16040. | 1.6 | 9 |
| 104 | Experimental and Molecular Insights on Sieving of Hydrocarbon Mixtures in Niobrara Shale. , 2019, , . | | 9 |
| 105 | Design of the readout electronics for the DAMPE Silicon Tracker detector. Chinese Physics C, 2016, 40, 116101. | 1.5 | 8 |
| 106 | Molecular Structure and Dynamics of Interfacial Polymerized Ionic Liquids. Journal of Physical Chemistry C, 2018, 122, 22494-22503. | 1.5 | 8 |
| 107 | Electric-Field-Driven Ion Emission from the Free Surface of Room Temperature Ionic Liquids. Journal of Physical Chemistry Letters, 2021, 12, 711-716. | 2.1 | 7 |
| 108 | Nonlocal thermal transport across embedded few-layer graphene sheets. Journal of Physics Condensed Matter, 2014, 26, 502101. | 0.7 | 6 |

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| 109 | Pathway and energetics of the thermally-induced structural changes in microemulsions. Applied Thermal Engineering, 2016, 108, 449-455. | 3.0 | 6 |
| 110 | Electrical Double Layers near Charged Nanorods in Mixture Electrolytes. Journal of Physical Chemistry C, 2017, 121, 9454-9461. | 1.5 | 6 |
| 111 | Charge reconstruction of the DAMPE Silicon–Tungsten Tracker: A preliminary study with ion beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 886, 48-52. | 0.7 | 6 |
| 112 | Structure and Dynamics of Polymeric Canopies in Nanoscale Ionic Materials: An Electrical Double Layer Perspective. Scientific Reports, 2018, 8, 5191. | 1.6 | 6 |
| 113 | Superdiffusive gas recovery from nanopores. Physical Review Fluids, 2016, 1, . | 1.0 | 6 |
| 114 | A charge reconstruction algorithm for DAMPE silicon microstrip detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 935, 24-29. | 0.7 | 5 |
| 115 | The Role of Disjoining Pressure and Thermal Activation in the Invasion of Droplets into Nanopores. Journal of Physical Chemistry C, 2019, 123, 6905-6912. | 1.5 | 5 |
| 116 | Investigate Effects of Microstructures on Nanoconfined Water Flow Behaviors from Viscous Dissipation Perspectives. Transport in Porous Media, 2021, 140, 815-836. | 1.2 | 5 |
| 117 | Mixed-domain and reduced-order modeling of electroosmotic transport in Bio-MEMS. , 0, , . | | 4 |
| 118 | A machine learning method to separate cosmic ray electrons from protons from 10 to 100 GeV using DAMPE data. Research in Astronomy and Astrophysics, 2018, 18, 071. | 0.7 | 4 |
| 119 | Pore-scale simulation of reactive transport processes in lithium-oxygen batteries. International Communications in Heat and Mass Transfer, 2021, 129, 105740. | 2.9 | 4 |
| 120 | Modern Theories of Carbon-Based Electrochemical Capacitors: A Short Review. , 2010, , . | | 3 |
| 121 | A charge sharing study of silicon microstrip detectors with electrical characterization and SPICE simulation. Advances in Space Research, 2019, 64, 2627-2633. | 1.2 | 3 |
| 122 | Ionic liquids-mediated interactions between nanorods. Journal of Chemical Physics, 2017, 147, 134704. | 1.2 | 2 |
| 123 | Adsorption of Molecular Nitrogen in Electrical Double Layers near Planar and Atomically Sharp Electrodes. Langmuir, 2018, 34, 14552-14561. | 1.6 | 2 |
| 124 | Experimental measurements and mechanisms of selective hindrance of oil mixtures in Niobrara shale. Journal of Petroleum Science and Engineering, 2021, 205, 108867. | 2.1 | 2 |
| 125 | Integrated Microchannel Cooling for Power Electronic Modules. Additional Conferences (Device) Tj ETQq1 1 0.78 | 34314 rgB 0.2 | T /Qverlock 1 |
| 126 | Modulation of slippage at brine–oil interfaces by surfactants: The effects of surfactant density and tail length. Physics of Fluids, 2022, 34, 022106. | 1.6 | 2 |

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| 127 | Computational modeling of carbon nanostructures for energy storage applications. , 2010, , . | | 1 |
| 128 | Two tributaries of the electrical double layer. Journal of Physics Condensed Matter, 2016, 28, 460301. | 0.7 | 1 |
| 129 | Experimental and Molecular Insights on Mitigation of Hydrocarbon Sieving in Niobrara Shale by CO2 Huff-n-Puff. , 2019, , . | | 1 |
| 130 | Thermoelectrics in ice slabs: charge dynamics and thermovoltages. Physical Chemistry Chemical Physics, 2021, 23, 16277-16288. | 1.3 | 1 |
| 131 | Dynamics of ion depletion in thin brine films. Fuel, 2021, 306, 121758. | 3.4 | 1 |
| 132 | Graphene-based thermal nanocomposites: fundamentals and applications., 2020,, 271-303. | | 1 |
| 133 | Scaling of Electroosmotic Flow and Ionic Conductivity in Slit Nanochannels. , 2005, , . | | 0 |
| 134 | Fluid Flow in Nanometer Scale Channels: Effects of Polymer Coating. , 2006, , 587. | | 0 |
| 135 | Particle actuation by rotating magnetic fields in microchannels: a numerical study. Soft Matter, 2021, 17, 5590-5601. | 1.2 | 0 |
| 136 | Modeling of Supercapacitors. , 2013, , 1-9. | | 0 |
| 137 | Modeling of Supercapacitors., 2015,, 2282-2289. | | 0 |
| 138 | Molecular Insights into Electrical Double Layers in Graphene-Based Supercapacitors. , 2017, , . | | 0 |