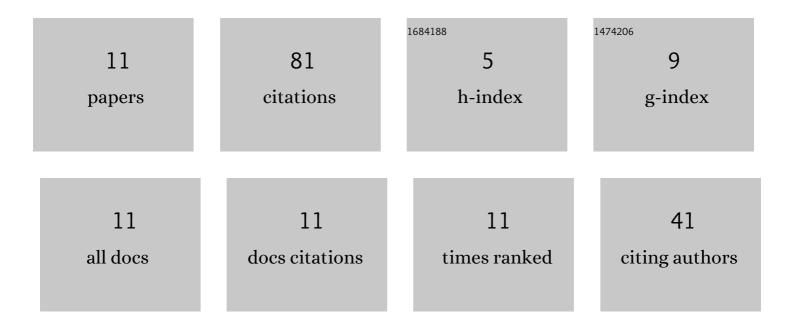
## Bin Wang

List of Publications by Year in descending order

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RIN WANC

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Transformation heat transfer and thermo-hydrodynamic cloaks for creeping flows: Manipulating heat fluxes and fluid flows simultaneously. Applied Thermal Engineering, 2021, 190, 116726.                     | 6.0 | 22        |
| 2  | Intangible Hydrodynamic Cloaks for Convective Flows. Physical Review Applied, 2021, 15, .  | 3.8 | 16        |
| 3  | Homogeneous Venturi-effect concentrators for creeping flows: Magnifying flow velocities and heat fluxes simultaneously. Applied Thermal Engineering, 2022, 206, 118012.                                      | 6.0 | 15        |
| 4  | Characteristics of instantaneous heat transfer rates in three heat-transfer-coefficient regimes.<br>International Journal of Heat and Mass Transfer, 2016, 93, 889-895.                                      | 4.8 | 9         |
| 5  | Enhancing and attenuating heat transfer characteristics for circulating flows of nanofluids within rectangular enclosures. International Communications in Heat and Mass Transfer, 2020, 117, 104800.        | 5.6 | 7         |
| 6  | Mildly zigzag heat transfer affected by aspect ratios for recirculating flows in rectangular enclosures. International Journal of Heat and Mass Transfer, 2017, 107, 372-378.                                | 4.8 | 4         |
| 7  | Cascade-like and cyclic heat transfer characteristics affected by enclosure aspect ratios for low Prandtl numbers. International Journal of Heat and Mass Transfer, 2018, 124, 131-140.                      | 4.8 | 4         |
| 8  | Anomalous cooling during transient heating processes. International Journal of Heat and Mass<br>Transfer, 2018, 127, 1253-1262.  | 4.8 | 1         |
| 9  | Nusselt number influenced by expansion/compression, birth/death, and recirculating direction of vortices in elongated enclosures. International Communications in Heat and Mass Transfer, 2018, 97, 110-117. | 5.6 | 1         |
| 10 | Buoyancy-driven flows descending toward hottest spots of heated bottom surfaces in enclosures.<br>International Communications in Heat and Mass Transfer, 2019, 101, 51-57.                                  | 5.6 | 1         |
| 11 | Homogenization design and drag reduction characteristics of hydrodynamic cloaks. Wuli<br>Xuebao/Acta Physica Sinica, 2022, 71, 134703.   | 0.5 | 1         |