

# Zu-Quan Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1269150/publications.pdf>

Version: 2024-02-01

10  
papers

132  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

130  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Spin-dependent Seebeck Effect, Thermal Colossal Magnetoresistance and Negative Differential Thermoelectric Resistance in Zigzag Silicene Nanoribbon Heterojunction. <i>Scientific Reports</i> , 2015, 5, 10547. | 3.3 | 46        |
| 2  | Energy transfer between two vacuum-gapped metal plates: Coulomb fluctuations and electron tunneling. <i>Physical Review B</i> , 2018, 97, .   | 3.2 | 22        |
| 3  | Angular momentum radiation from current-carrying molecular junctions. <i>Physical Review B</i> , 2020, 101, .   | 3.2 | 15        |
| 4  | Thermal transport through a spin-phonon interacting junction: A nonequilibrium Green's function method study. <i>Physical Review B</i> , 2017, 96, .  | 3.2 | 13        |
| 5  | Coulomb-force-mediated heat transfer in the near field: Geometric effect. <i>Physical Review E</i> , 2018, 98, 012118.  | 2.1 | 13        |
| 6  | First-Principles Method to Study Near-Field Radiative Heat Transfer. <i>Physical Review Applied</i> , 2020, 14, .   | 3.8 | 8         |
| 7  | Effective Control of Photon Statistics from Electroluminescence by Fano-like Interference Effect. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 8721-8726.   | 4.6 | 6         |
| 8  | Microscopic theory of photon-induced energy, momentum, and angular momentum transport in the nonequilibrium regime. <i>Physical Review B</i> , 2022, 105, .   | 3.2 | 5         |
| 9  | Fano-shaped impurity spectral density, electric-field-induced in-gap state, and local magnetic moment of an adatom on trilayer graphene. <i>Physical Review B</i> , 2017, 96, .                                 | 3.2 | 2         |
| 10 | Electroluminescence and thermal radiation from metallic armchair carbon nanotubes with defects. <i>Physical Review B</i> , 2021, 104, .   | 3.2 | 2         |