

# Jinjin Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6394017/publications.pdf>

Version: 2024-02-01

8  
papers

133  
citations

1683934  
5  
h-index

1588896  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

135  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | A deep learning interatomic potential developed for atomistic simulation of carbon materials. Carbon, 2022, 186, 1-8.   | 5.4 | 25        |
| 2 | Luminescence mechanism in hydrogenated silicon quantum dots with a single oxygen ligand. Nanoscale Advances, 2021, 3, 2245-2251.  | 2.2 | 5         |
| 3 | Electric Field-Tunable Structural Phase Transitions in Monolayer Tellurium. ACS Omega, 2020, 5, 18213-18217.  | 1.6 | 11        |
| 4 | Temperature dependence of structural, dynamical, and electronic properties of amorphous Bi <sub>2</sub> Te <sub>3</sub> : an ab initio study. New Journal of Physics, 2019, 21, 093062.   | 1.2 | 4         |
| 5 | Evolution of short- and medium-range order in the melt-quenching amorphization of Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> . Journal of Materials Chemistry C, 2018, 6, 5001-5011. | 2.7 | 38        |
| 6 | Structural signature and transition dynamics of Sb <sub>2</sub> Te <sub>3</sub> melt upon fast cooling. Physical Chemistry Chemical Physics, 2018, 20, 11768-11775.                       | 1.3 | 33        |
| 7 | Optical Properties and Local Structure Evolution during Crystallization of Ga <sub>16</sub> Sb <sub>84</sub> Alloy. Scientific Reports, 2018, 8, 9605.                                    | 1.6 | 3         |
| 8 | A first-principles study of the electrically tunable band gap in few-layer penta-graphene. Physical Chemistry Chemical Physics, 2018, 20, 18110-18116.                                    | 1.3 | 14        |