

# Shuvam Sarkar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2179461/publications.pdf>

Version: 2024-02-01

10  
papers

117  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

101  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Swift heavy ion irradiation-induced modifications in the electrical and surface properties of $\text{I}^2\text{-Ga}_2\text{O}_3$ . Applied Physics Letters, 2020, 117, .  | 3.3 | 27        |
| 2  | Electronic structure of Au-Sn compounds grown on Au(111). Physical Review B, 2019, 100, .   | 3.2 | 25        |
| 3  | Quasiperiodic ordering in thick Sn layer on $\text{Al-Pd-Mn}$ : A possible quasicrystalline clathrate. Physical Review Research, 2020, 2, .   | 3.6 | 16        |
| 4  | Electronic structure and morphology of thin surface alloy layers formed by deposition of Sn on Au(111). Applied Surface Science, 2020, 506, 144606.   | 6.1 | 13        |
| 5  | Role of $\text{Li}^+$ and $\text{Fe}^{3+}$ in modified ZnO: Structural, vibrational, opto-electronic, mechanical and magnetic properties. Ceramics International, 2019, 45, 7232-7243.  | 4.8 | 9         |
| 6  | Anderson localization of electron states in a quasicrystal. Physical Review B, 2021, 103, .   | 3.2 | 9         |
| 7  | Bulk electronic structure of high-order quaternary approximants. Physical Review Research, 2021, 3, .   | 3.6 | 6         |
| 8  | Electronic excitation-induced tunneling and charge-trapping explored by in situ electrical characterization in Ni/HfO <sub>2</sub> /I <sup>2</sup> -Ga <sub>2</sub> O <sub>3</sub> metal-oxide-semiconductor capacitors. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 281, 115716. | 3.5 | 6         |
| 9  | Nearly-grazing-incidence-high-temperature sputtering of Ruthenium(0001) surface. Applied Surface Science, 2021, 563, 150067.  | 6.1 | 3         |
| 10 | Electronic structure of $\text{Al}_3\text{Mg}_2$ and $\text{Al}_{13}$   | 3.2 | 3         |