

# Rini Ganguly

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8250596/publications.pdf>

Version: 2024-02-01

10  
papers

102  
citations

1684188

5  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

153  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Disordering of the vortex lattice through successive destruction of positional and orientational order in a weakly pinned $\text{Co}_0.0075\text{NbSe}_2$ single crystal. <i>Scientific Reports</i> , 2015, 5, 10613. | 3.3 | 32        |
| 2  | Magnetic field induced emergent inhomogeneity in a superconducting film with weak and homogeneous disorder. <i>Physical Review B</i> , 2017, 96, .  | 3.2 | 26        |
| 3  | Slowing down of vortex motion at the Berezinskii-Kosterlitz-Thouless transition in ultrathin NbN films. <i>Physical Review B</i> , 2015, 91, .  | 3.2 | 15        |
| 4  | Non-Invasive Nanoscale Potentiometry and Ballistic Transport in Epigraphene Nanoribbons. <i>Nano Letters</i> , 2020, 20, 3786-3790.   | 9.1 | 6         |
| 5  | Stochastic Resonance in Thermally Bistable Josephson Weak Links and Micro-SQUIDs. <i>Physical Review Applied</i> , 2021, 15, .  | 3.8 | 6         |
| 6  | Oriental coupling between the vortex lattice and the crystalline lattice in a weakly pinned $\text{Co}_0.0075\text{NbSe}_2$ single crystal. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 165701.            | 1.8 | 5         |
| 7  | Robust pseudogap across the magnetic field driven superconductor to insulator-like transition in strongly disordered NbN films. <i>European Physical Journal B</i> , 2019, 92, 1.                                     | 1.5 | 5         |
| 8  | Probing magnetism of individual nano-structures using $\text{Nb}^{1/4}$ -SQUIDs in hysteresis free mode. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 503, 166625.                                      | 2.3 | 2         |
| 9  | Resistive-switching and memory in halide perovskite nanoparticles through a corona-poling approach: Necessity of type-I core-shell structures. <i>Applied Physics Letters</i> , 2021, 119, .                          | 3.3 | 1         |
| 10 | Magnetization reversal across multiple serial barriers in a single $\text{Fe}_3\text{O}_4$ nanoparticle. <i>Physical Review B</i> , 2022, 105, .  | 3.2 | 1         |