

Ya-Min Quan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

90
citations

1684188

5
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

198
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Electronic correlation effects and orbital density wave in the layered compound Tb_2TeO_7 . Physical Review B, 2017, 96, . | 3.2 | 15 |
| 2 | Ferro-orbital order induced by electron-lattice coupling in orthorhombic iron pnictides. Physical Review B, 2011, 84, . | 3.2 | 15 |
| 3 | Topological phase transitions, Majorana modes, and quantum simulation of the Su-Schrieffer-Heeger model with nearest-neighbor interactions. Physical Review B, 2020, 101, . | 3.2 | 13 |
| 4 | A site-selective antiferromagnetic ground state in layered pnictide-oxide BaTi ₂ As ₂ O. Journal of Applied Physics, 2014, 115, . | 2.5 | 9 |
| 5 | Electronic correlation-driven orbital polarization transitions in the orbital-selective Mott compound Ba ₂ Fe ₂ As ₂ O. Physical Review B, 2021, 103, . | 3.2 | 7 |
| 6 | Numerical optimization algorithm for rotationally invariant multi-orbital slave-boson method. Computer Physics Communications, 2015, 191, 90-99. | 7.5 | 4 |
| 7 | Electron tunneling spectroscopy of an anisotropic Kitaev quantum spin liquid sandwiched between superconductors. Physical Review Research, 2022, 4, . | 3.6 | 3 |
| 8 | Influence of electronic correlations on orbital polarizations in the parent and doped iron pnictides. Journal of Physics Condensed Matter, 2012, 24, 085603. | 1.8 | 2 |
| 9 | Quench of paramagnetic orbital selective Mott phase and appearance of antiferromagnetic orbital selective Slater phase in multi-orbital correlated systems. Journal of Magnetism and Magnetic Materials, 2018, 456, 329-332. | 2.3 | 2 |
| 10 | Competing roles of longitudinal and transverse Hund's terms on Mott transitions. Annals of Physics, 2017, 377, 197-209. | 2.8 | 1 |
| 11 | Topological Quantum Phase Transitions of Anisotropic Antiferromagnetic Kitaev Model Driven by Magnetic Field. Annalen Der Physik, 0, , 2200012. | 2.4 | 1 |
| 12 | Band crossover and magnetic phase diagram of the high- T_c superconducting compound Ba ₂ Fe ₂ As ₂ O. Physical Review B, 2021, 103, . | 3.2 | 1 |