

# Andrew J A James

## List of Publications by Year in descending order

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17  
papers

609  
citations

623734

14  
h-index

888059

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g-index

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docs citations

17  
times ranked

721  
citing authors

| #  | ARTICLE                                                                                                                                                                                            | IF   | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Nonthermal States Arising from Confinement in One and Two Dimensions. Physical Review Letters, 2019, 122, 130603.                                                                                  | 7.8  | 109       |
| 2  | High-Energy Magnetic Excitations in the Cuprate Superconductor $\text{Bi}_2\text{O}_8\text{Sr}_8$ : Towards a Unified Description of It. Physical Review Letters, 2013, 110, 147001.               | 7.8  | 81        |
| 3  | Signatures of rare states and thermalization in a theory with confinement. Physical Review B, 2019, 99, .                                                                                          | 3.2  | 68        |
| 4  | Non-perturbative methodologies for low-dimensional strongly-correlated systems: From non-Abelian bosonization to truncated spectrum methods. Reports on Progress in Physics, 2018, 81, 046002.     | 20.1 | 60        |
| 5  | Spin dynamics of the quasi-two-dimensional spin-1/2 quantum magnet $\text{Cs}_2\text{CuCl}_4$ . Physical Review B, 2005, 72, .                                                                     | 3.2  | 40        |
| 6  | Anomalous dynamical line shapes in a quantum magnet at finite temperature. Physical Review B, 2012, 85, .                                                                                          | 3.2  | 33        |
| 7  | Finite-temperature dynamical structure factor of alternating Heisenberg chains. Physical Review B, 2008, 78, .                                                                                     | 3.2  | 30        |
| 8  | Itinerant effects and enhanced magnetic interactions in Bi-based multilayer cuprates. Physical Review B, 2014, 90, .                                                                               | 3.2  | 29        |
| 9  | Understanding the entanglement entropy and spectra of 2D quantum systems through arrays of coupled 1D chains. Physical Review B, 2013, 87, .                                                       | 3.2  | 28        |
| 10 | Finite-temperature dynamical structure factor of the Heisenberg-Ising chain. Physical Review B, 2009, 79, .                                                                                        | 3.2  | 27        |
| 11 | Quantum quenches in two spatial dimensions using chain array matrix product states. Physical Review B, 2015, 92, .                                                                                 | 3.2  | 25        |
| 12 | Phase Diagram of Two-Dimensional Polar Condensates in a Magnetic Field. Physical Review Letters, 2011, 106, 140402.                                                                                | 7.8  | 24        |
| 13 | Magnetic response in the underdoped cuprates. Physical Review B, 2012, 86, .                                                                                                                       | 3.2  | 24        |
| 14 | Laser-induced transient magnons in $\text{Sr}_3\text{Ir}_2\text{O}_7$ throughout the Brillouin zone. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1  | 19        |
| 15 | Auxiliary fermion approach to the resonant inelastic x-ray scattering response in an underdoped cuprate. Physical Review B, 2017, 96, .                                                            | 3.2  | 6         |
| 16 | Non-Fermi-Liquid Fixed Point for an Imbalanced Gas of Fermions in 1+1 Dimensions. Physical Review Letters, 2010, 104, 190403.                                                                      | 7.8  | 4         |
| 17 | Magnetism and Superconductivity in the Pseudogap Phase of Underdoped Cuprates. Journal of Physics: Conference Series, 2013, 449, 012006.                                                           | 0.4  | 2         |