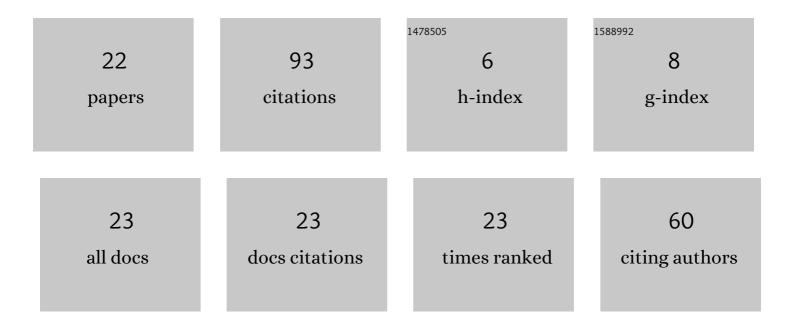
Ayan Khan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6021490/publications.pdf Version: 2024-02-01



ΔνλΝ ΚμλΝ

#	Article	IF	CITATIONS
1	Ground-state fidelity in the BCS-BEC crossover. Physical Review A, 2009, 80, .	2.5	16
2	Tunneling dynamics of correlated bosons in a double well potential. European Physical Journal B, 2015, 88, 1.	1.5	9
3	On solving cubic-quartic nonlinear SchrĶdinger equation in a cnoidal trap. European Physical Journal D, 2020, 74, 1.	1.3	9
4	Understanding the Bose glass phase via a percolation scenario. European Physical Journal B, 2013, 86, 1.	1.5	7
5	Bell solitons in ultra-cold atomic Fermi gas. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 115302.	1.5	7
6	Investigation of Quantum Droplets: An Analytical Approach. Annalen Der Physik, 2021, 533, 2000549.	2.4	7
7	Dropleton-soliton crossover mediated via trap modulation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 439, 128137.	2.1	7
8	Participation ratio and fidelity analyses as tools to study BCS-BEC crossover. European Physical Journal B, 2011, 81, 95-102.	1.5	5
9	Quantum Droplet in Lower Dimensions. Frontiers in Physics, 0, 10, .	2.1	5
10	Effect of disorder in BCS–BEC crossover. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 135302.	1.5	4
11	DISORDER INDUCED BCS-BEC CROSSOVER. International Journal of Modern Physics Conference Series, 2012, 11, 120-126.	0.7	4
12	Realization of negative mass regime and bound state of solitons in inhomogeneous Bose-Einstein condensates. European Physical Journal D, 2016, 70, 1.	1.3	4
13	Disorder Induced BCS–BEC Crossover in an Ultracold Fermi Gas. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1891-1895.	1.8	2
14	Formation of solitonic bound state via light-matter interaction. European Physical Journal D, 2020, 74, 1.	1.3	2
15	Signature of supersolidity in a driven cubic–quartic nonlinear Schrödinger equation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 025301.	1.5	2
16	A COMPARISON OF HARMONIC CONFINEMENT AND DISORDER IN INDUCING LOCALIZATION EFFECTS IN A SUPERCONDUCTOR. International Journal of Modern Physics Conference Series, 2012, 11, 127-132.	0.7	1
17	Electron pairing and evidence of a BCS–BEC crossover in d-wave superconductors. Physica B: Condensed Matter, 2013, 410, 99-104.	2.7	1
18	Investigating dirty crossover through fidelity susceptibility and density of states. International Journal of Modern Physics B, 2014, 28, 1450083.	2.0	1

Ayan Khan

#	Article	IF	CITATIONS
19	Effect of weak disorder on the BCS–BEC crossover in a two-dimensional Fermi gas. International Journal of Modern Physics B, 2017, 31, 1750066.	2.0	0
20	Emerging novel phases of Bose-Einstein Condensate for various topology. Journal of Physics: Conference Series, 2017, 875, 082009.	0.4	0
21	DISORDER INDUCED BCS-BEC CROSSOVER. , 2012, , .		0
22	A COMPARISON OF HARMONIC CONFINEMENT AND DISORDER IN INDUCING LOCALIZATION EFFECTS IN A SUPERCONDUCTOR. , 2012, , .		0