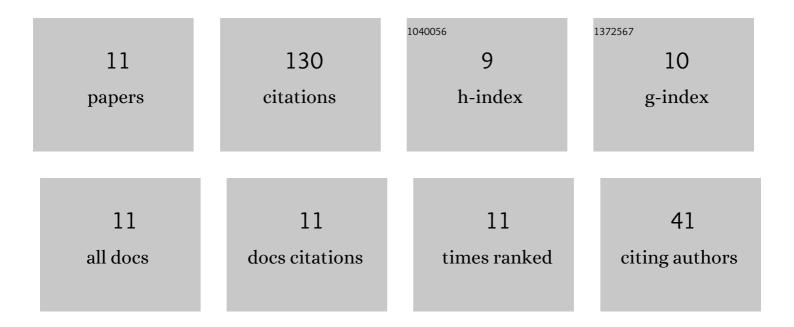
## Michael Karbach

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/800526/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Thermodynamics of ideal quantum gas with fractional statistics inDdimensions. Physical Review E, 2007, 75, 061120.	2.1	22
2	Taxonomy of particles in Ising spin chains. Physical Review E, 2011, 84, 021136.	2.1	18
3	Generalized Pauli principle for particles with distinguishable traits. Physical Review E, 2012, 85, 011144.	2.1	17
4	Thermodynamics of a statistically interacting quantum gas inDdimensions. Physical Review E, 2007, 76, 061112.	2.1	16
5	Jammed disks in a narrow channel: criticality and ordering tendencies. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P04018.	2.3	12
6	Statistically interacting vacancy particles. Physical Review E, 2014, 89, 012137.	2.1	11
7	Statistically interacting quasiparticles in Ising chains. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 265003.	2.1	10
8	Coil-helix transition of polypeptide at water-lipid interface. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P01034.	2.3	10
9	Disks in a narrow channel jammed by gravity and centrifuge: profiles of pressure, mass density and entropy density. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P04008.	2.3	9
10	Molecular chains under tension: Thermal and mechanical activation of statistically interacting extension and contraction particles. Physical Review E, 2020, 101, 022504.	2.1	5
11	Mechanical response to tension and torque of molecular chains via statistically interacting particles associated with extension, contraction, twist, and supercoiling. Physical Review E, 2022, 105, .	2.1	Ο