

# Motoharu Kitatani

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

413  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

374  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Diagram of Nickelate Superconductors Calculated by Dynamical Vertex Approximation. <i>Frontiers in Physics</i> , 2022, 9, .	2.1	24
2	Hidden one-dimensional, strongly nested, and almost half-filled Fermi surface in $\text{BaBiO}_3$ superconductors. <i>Physical Review B</i> , 2022, 105, .	3.2	19
3	Strongly correlated superconductivity with long-range spatial fluctuations. <i>JPhys Materials</i> , 2022, 5, 034005.	4.2	7
4	Self-consistent ladder dynamical vertex approximation. <i>Physical Review B</i> , 2021, 103, .	3.2	19
5	Anomalous transport due to Weyl fermions in the chiral antiferromagnets $\text{Mn}_3\text{X}$ , $\text{X}=\text{As}, \text{Sn}, \text{Ge}$ . <i>Nature Communications</i> , 2021, 12, 572.	12.8	90
6	Pairing and non-Fermi liquid behavior in partially flat-band systems: Beyond nesting physics. <i>Physical Review B</i> , 2020, 101, .	3.2	24
7	Nickelate superconductors – a renaissance of the one-band Hubbard model. <i>Npj Quantum Materials</i> , 2020, 5, .	5.2	129
8	Why the critical temperature of high- $T_c$ cuprate superconductors is so low: The importance of the dynamical vertex structure. <i>Physical Review B</i> , 2019, 99, .	3.2	41
9	Interplay of Pomeranchuk instability and superconductivity in the two-dimensional repulsive Hubbard model. <i>Physical Review B</i> , 2017, 95, .	3.2	24
10	FLEX+DMFT approach to the d-wave superconducting phase diagram of the two-dimensional Hubbard model. <i>Physical Review B</i> , 2015, 92, .	3.2	51