

# Tomomasa Kajita

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4685377/publications.pdf>

Version: 2024-02-01

19  
papers

159  
citations

1307594

7  
h-index

1125743

13  
g-index

19  
all docs

19  
docs citations

19  
times ranked

215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Opening of a charge gap with V trimerization in $\text{BaV}_{10}$ . Physical Review B, 2010, 81, .	3.2	50
2	Orbital Glass State of the Nearly Metallic Spinel Cobalt Vanadate. Physical Review Letters, 2016, 116, 037201.	7.8	24
3	Universal Behaviors of the Phonon Thermal Conductivity Associated with Charge/Orbital Ordering in Transition-Metal Oxides. Journal of the Physical Society of Japan, 2016, 85, 013703.	1.6	17
4	Spin-singlet trimer state induced by competing orbital order in triangular-lattice $\text{BaV}_{10}$ . Physical Review B, 2011, 84, .	3.2	15
5	Unusual valence state and metal-insulator transition in $\text{BaV}_{10}$ . Physical Review B, 2011, 84, .	3.2	14
6	Electronic properties of $\text{BaV}_{13}$ spectroscopy. Physical Review B, 2017, 95, .	3.2	8
7	Orbital ordering and growth of orbital ordering. Nature Communications, 2020, 11, 2324.	3.2	7
8	Dynamics of photoinduced phenomena in $\text{BaV}_{13}$ . Physical Review B, 2017, 95, .	3.2	7
9	Nucleation and growth of orbital ordering. Nature Communications, 2020, 11, 2324.	12.8	6
10	Metal-insulator transition in $\text{Ba}_3\text{Nb}_5\text{O}_{15}$ . Physical Review B, 2021, 104, .	3.2	4
11	The Local Structure and Metal-Insulator Transition in a $\text{Ba}_3\text{Nb}_5\text{TiO}_{15}$ System. Materials, 2022, 15, 4402.	2.9	4
12	Nonlinear Behavior in the Electrical Resistance of Strongly Correlated Insulators. Journal of the Physical Society of Japan, 2020, 89, 044702.	1.6	2
13	Electronic Structure of $\text{Ba}_3\text{Nb}_5\text{O}_{15}$ and $\text{Ba}_2\text{SrNb}_5\text{O}_{15}$ Studied by Band Calculation and Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2022, 91, .	1.6	2
14	Magnetotransport Properties of the Orbital-Ordered State of $\text{Ba}_1\text{Sr}_3\text{V}_{13}\text{O}_{18}$ . Journal of the Physical Society of Japan, 2019, 88, 024708.	1.6	1
15	Superstructures arising from V trimers with orbital ordering in $\text{BaV}_{10}$ . Physical Review Research, 2021, 3, .	3.6	1
16	Local spin susceptibility in the orbital-frustrated vanadium oxide $\text{BaV}_{10}$ . Journal of Physics: Conference Series, 2011, 320, 012071.	0.4	0
17	Orbital ordering and spin-singlet clusters in triangular-based vanadates. Journal of Physics: Conference Series, 2012, 400, 032085.	0.4	0
18	Orbital and magnetic ordering and domain-wall conduction in ferrimagnet $\text{La}_5\text{Mo}_4\text{O}_{16}$ . Physical Review Research, 2021, 3, .	3.6	0

#	ARTICLE	IF	CITATIONS
19	Pump-probe Spectroscopy with Uniaxial Strain for BaV10O15. Journal of the Physical Society of Japan, 2021, 90, 024704.	1.6	0