

# Akira Takahashi

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

160  
citations

1307594

7  
h-index

1125743

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Purely electronic terahertz polarization in dimer Mott insulators. Physical Review B, 2010, 82, .	3.2	37
2	Dynamics of Photoexcited States in Strongly Correlated Electron Systems. Physical Review Letters, 2002, 89, 206402.	7.8	25
3	Ferroelectric states induced by dimer lattice disorder in dimer Mott insulators. Physical Review B, 2013, 87, .	3.2	24
4	Ferroelectric charge order enhanced by magnetic frustration in dimer Mott insulators. Physical Review B, 2016, 93, .	3.2	11
5	Instantaneous charge and dielectric response to terahertz pulse excitation in TTF-CA. Physical Review B, 2017, 95, .	3.2	11
6	Photogenerated Metallic States in Charge-Ordered Insulators in (BEDT-TTF) <sub>2</sub> X. Journal of the Physical Society of Japan, 2011, 80, 034709.	1.6	10
7	Dynamics of Photoinduced Phase Transition from a Dimer Mott Insulator to a Metal. Journal of the Physical Society of Japan, 2014, 83, 094714.	1.6	8
8	Terahertz pulse induced transitions between ionic and neutral phases and electronic polarization reversal in TTF-CA. Physical Review B, 2019, 100, .	3.2	7
9	Photoexcited States in Dimer Mott Insulators $\hat{I}^{\pm}$ -(BEDT-TTF) <sub>2</sub> X. Journal of the Physical Society of Japan, 2012, 81, 034712.	1.6	6
10	STABILITY OF PHOTOINDUCED SUPERCONDUCTING STATES IN STRONGLY CORRELATED TWO-DIMENSIONAL ELECTRON SYSTEMS. International Journal of Modern Physics B, 2005, 19, 1-3.	2.0	4
11	Photoinduced transition to charge-ordered phases from dynamical localization in the metallic phase of $\hat{I}^{\pm}$ -(BEDT-TTF) <sub>2</sub> X. Physical Review B, 2018, 97, .	3.2	4
12	Charge and dielectric response to terahertz pulses in the charge-ordered phase of $\hat{I}^{\pm}$ -(BEDT-TTF) <sub>2</sub> X. Physical Review B, 2018, 98, .	3.2	4
13	Correlation Strength Crossover of Auger Recombination in One-Dimensional Mott Insulators. Journal of the Physical Society of Japan, 2014, 83, 094718.	1.6	3
14	A complex digital filter with asymmetrical frequency response based on imaginary resistance. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English) Tj ETQq0 0 0 rgBT /Overclock 10 T 50 217 T		
15	Effect of disorder on the relaxation of photoexcited states in one-dimensional Mott insulators. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 256-259.	0.8	2
16	Nonadiabatic quantum fluctuations in the neutral ground state of tetrathiafulvalene- p -chloranil. Physical Review B, 2019, 100, .	3.2	1
17	Ultrafast polarization control in $\hat{I}^{\pm}$ -(BEDT-TTF) <sub>2</sub> X. Physical Review B, 2021, 104, .	3.2	1