

# Tadahiko Ishikawa

## List of Publications by Year in descending order

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96  
papers

6,392  
citations

172457

29  
h-index

62596

80  
g-index

96  
all docs

96  
docs citations

96  
times ranked

4838  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanide Double-Decker Complexes Functioning as Magnets at the Single-Molecular Level. <i>Journal of the American Chemical Society</i> , 2003, 125, 8694-8695.	13.7	2,257
2	Anomalous Variation of Optical Spectra with Spin Polarization in Double-Exchange Ferromagnet: $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . <i>Physical Review Letters</i> , 1995, 75, 109-112.	7.8	451
3	Mononuclear Lanthanide Complexes with a Long Magnetization Relaxation Time at High Temperatures: A New Category of Magnets at the Single-Molecular Level. <i>Journal of Physical Chemistry B</i> , 2004, 108, 11265-11271.	2.6	443
4	Gigantic Photoresponse in 1/4-Filled-Band Organic Salt (EDO-TTF) $_2$ PF $_6$ . <i>Science</i> , 2005, 307, 86-89.	12.6	315
5	Variation of electronic structure in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ( $0 \leq x \leq 0.3$ ) as investigated by optical conductivity spectra. <i>Physical Review B</i> , 1997, 55, 4206-4214.	3.2	309
6	Significant Increase of the Barrier Energy for Magnetization Reversal of a Single-4f-Ionic Single-Molecule Magnet by a Longitudinal Contraction of the Coordination Space. <i>Inorganic Chemistry</i> , 2007, 46, 7250-7252.	4.0	260
7	Upward Temperature Shift of the Intrinsic Phase Lag of the Magnetization of Bis(phthalocyaninato)terbium by Ligand Oxidation Creating an $S=1/2$ Spin. <i>Inorganic Chemistry</i> , 2004, 43, 5498-5500.	4.0	237
8	Charge-gap formation upon the Verwey transition in $\text{Fe}_3\text{O}_4$ . <i>Physical Review B</i> , 1998, 58, 3717-3720.	3.2	170
9	Optical spectroscopy of the charge-ordering transition in $\text{La}_{1.67}\text{Sr}_{0.33}\text{NiO}_4$ . <i>Physical Review B</i> , 1996, 54, R14230-R14233.	3.2	161
10	Effects of Chemically Induced Contraction of a Coordination Polyhedron on the Dynamical Magnetism of Bis(phthalocyaninato)disprosium, a Single-4f-Ionic Single-Molecule Magnet with a Kramers Ground State. <i>Inorganic Chemistry</i> , 2008, 47, 10217-10219.	4.0	149
11	Direct observation of collective modes coupled to molecular orbital-driven charge transfer. <i>Science</i> , 2015, 350, 1501-1505.	12.6	114
12	Variation of charge-ordering transitions in $\text{R}_{1/3}\text{Sr}_{2/3}\text{FeO}_3$ ( $\text{R}=\text{La}, \text{Pr}, \text{Nd}, \text{Sm}, \text{and Gd}$ ). <i>Physical Review B</i> , 1999, 60, 10788-10795.	3.2	104
13	Change of electronic properties on the doping-induced insulator-metal transition in $\text{La}_{1-x}\text{Sr}_x\text{VO}_3$ . <i>Physical Review B</i> , 1995, 52, R2221-R2224.	3.2	100
14	Photoinduced Change in the Charge Order Pattern in the Quarter-Filled Organic Conductor $\text{EDO-TTF}_2\text{PF}_6$ . <i>Physical Review Letters</i> , 2008, 101, 067403.	7.8	89
15	Static Magnetic-Field-Induced Phase Lag in the Magnetization Response of Tris(dipicolinato)lanthanides. <i>Inorganic Chemistry</i> , 2006, 45, 1299-1304.	4.0	88
16	Dynamics of photoinduced melting of charge/orbital order in a layered manganite $\text{La}_{0.5}\text{Sr}_{1.5}\text{MnO}_4$ . <i>Physical Review B</i> , 2001, 63, .	3.2	79
17	Optical response to orbital and charge ordering in a layered manganite: $\text{La}_{1/2}\text{Sr}_{3/2}\text{MnO}_4$ . <i>Physical Review B</i> , 1999, 59, 8367-8370.	3.2	64
18	Raman spectroscopy of the charge-orbital ordering in layered manganites. <i>Physical Review B</i> , 2000, 61, 14706-14715.	3.2	63

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19	Optical spectroscopy of charge-ordering transition in $\text{La}_{1/3}\text{Sr}_{2/3}\text{FeO}_3$ . <i>Physical Review B</i> , 1998, 58, R13326-R13329.	3.2	62
20	Optical probe of anisotropic and incoherent charge dynamics in a layered ferromagnet: $\text{La}_{1.2}\text{Sr}_{1.8}\text{Mn}_2\text{O}_7$ . <i>Physical Review B</i> , 1998, 57, R8079-R8082.	3.2	56
21	Ultrasonic Propagation of a Metallic Domain in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ a Photoinduced Insulator-Metal Transition. <i>Physical Review Letters</i> , 2009, 103, 027402.	7.8	56
22	Anomalous Pseudogap Formation in a Nonsuperconducting Crystal of $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_{4+y}$ : Implication of Charge Ordering. <i>Physical Review Letters</i> , 1999, 82, 5120-5123.	7.8	47
23	Ultrafast isomerization-induced cooperative motions to higher molecular orientation in smectic liquid-crystalline azobenzene molecules. <i>Nature Communications</i> , 2019, 10, 4159.	12.8	41
24	Commensurability effect on the charge ordering of $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ . <i>Physical Review B</i> , 1999, 60, R5097-R5100.	3.2	40
25	Optical study on the doping and temperature dependence of the anisotropic electronic structure in bilayered manganites: $\text{La}_{2-x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ ( $0.3 < x < 0.5$ ). <i>Physical Review B</i> , 2000, 62, 12354-12362.	3.2	35
26	Large and ultrafast photoinduced reflectivity change in the charge separated phase of $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$ .		

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37	Bandgap modulation in photoexcited topological insulator Bi <sub>2</sub> Te <sub>3</sub> via atomic displacements. Journal of Chemical Physics, 2016, 145, 024504.	3.0	20
38	Ultrafast Control of the Polarity of $\langle \text{BiCoO} \rangle_{3\langle \text{O} \rangle}$ by Orbital Excitation as Investigated by Femtosecond Spectroscopy. Physical Review Applied, 2017, 7, .	11.8	20
39	Coherent dynamics of photoinduced phase formation in a strongly correlated organic crystal. Physical Review B, 2014, 89, .	3.2	19
40	Ultrafast electronic state conversion at room temperature utilizing hidden state in cuprate ladder system. Nature Communications, 2015, 6, 8519.	12.8	19
41	Structural Transitions from Triangular to Square Molecular Arrangements in the Quasi-One-Dimensional Molecular Conductors (DMEDO-TTF) <sub>2</sub> X <sub>2</sub> F <sub>6</sub> (X = P, As, and Sb). Journal of the American Chemical Society, 2012, 134, 13330-13340.	13.7	18
42	Probing Charge/Orbital Correlation in La <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> by Raman Spectroscopy. Journal of the Physical Society of Japan, 1999, 68, 2538-2541.	1.6	16
43	Photoinduced Phenomena in Quantum Paraelectric Oxides by Ultraviolet Laser Irradiation. Ferroelectrics, 2004, 298, 317-323.	0.6	16
44	Ultrafast spectral weight transfer in $\langle \text{R} \rangle_{\langle \text{BaCo} \rangle_{2\langle \text{O} \rangle_{2\langle \text{O} \rangle}}$		

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55	Generation of sub-100Åfs electron pulses for time-resolved electron diffraction using a direct synchronization method. <i>Review of Scientific Instruments</i> , 2022, 93, .	1.3	7
56	Giant Photoconductivity in Quantum Paraelectric Oxides. <i>Ferroelectrics</i> , 2004, 298, 141-143.	0.6	5
57	Photoinduced insulator-metal transition in Pr <sub>0.5</sub> Ca <sub>0.5</sub> CoO <sub>3</sub> as studied by femtosecond spectroscopy. <i>Journal of Physics: Conference Series</i> , 2009, 148, 012019.	0.4	5
58	Unconventional Photonic Change of Charge-Density-Wave Phase in Two-Leg Ladder Cuprate Sr <sub>14</sub> Cu <sub>24</sub> O <sub>41</sub> . <i>Journal of the Physical Society of Japan</i> , 2013, 82, 083707.	1.6	5
59	Spin-State Transitions in an Iron Spin-Crossover Complex Observed with X-ray Emission and X-ray Absorption. <i>Phase Transitions</i> , 2002, 75, 919-925.	1.3	4
60	High Carrier Mobility Coupled with Quantum Paraelectric Fluctuation. <i>Ferroelectrics</i> , 2007, 346, 10-15.	0.6	4
61	Anomalous photo-induced response by double-pulse excitation in the organic conductor (EDO-TTF) <sub>2</sub> PF <sub>6</sub> . <i>Journal of Physics: Conference Series</i> , 2009, 148, 012002.	0.4	4
62	Excitation photon energy dependence of photo-induced phase transition in (EDO-TTF) <sub>2</sub> PF <sub>6</sub> . <i>Journal of Physics: Conference Series</i> , 2009, 148, 012008.	0.4	4
63	Direct observations of the photoinduced change in dimerization in K-TCNQ. <i>Physical Review B</i> , 2016, 93, .	3.2	4
64	The photo-induced phase transition in Et <sub>2</sub> Me <sub>2</sub> Sb[Pd(dmit) <sub>2</sub> ] <sub>2</sub> . <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 112-115.	0.8	3
65	Probing the metal-insulator phase transition in the (DMEDO-EBDT)2PF <sub>6</sub> single crystal by optical measurements. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 195501.	1.8	3
66	Photoinduced oxygen transport in cobalt double-perovskite crystal EuBaCo <sub>2</sub> O <sub>5.39</sub> . <i>Applied Materials Today</i> , 2021, 24, 101167.	4.3	3
67	New Class of Photo-induced Cooperative Phenomena in Organic and Inorganic Hybrid Complexes. <i>Phase Transitions</i> , 2002, 75, 683-688.	1.3	2
68	Phase transition in (EDO-TTF)2PF <sub>6</sub> : domain growth in the thermal hysteresis and ultra-fast photoinduced effects. <i>Journal of Physics: Conference Series</i> , 2005, 21, 149-154.	0.4	2
69	Ultra-fast and sensitive photo-induced phase switching in (EDO-TTF)2PF <sub>6</sub> . <i>Journal of Luminescence</i> , 2005, 112, 275-278.	3.1	2
70	Ultrafast and large reflectivity change by ultraviolet excitation of the metallic phase in the organic conductor (EDO-TTF)2PF <sub>6</sub> . <i>Physica B: Condensed Matter</i> , 2010, 405, S350-S352.	2.7	2
71	Optical Study of Electronic Structure and Photoinduced Dynamics in the Organic Alloy System [(EDO-TTF)0.89(MeEDO-TTF)0.11]2PF <sub>6</sub> . <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1174.	2.5	2
72	Photoinduced Phase Transition in Pr <sub>0.5</sub> Ca <sub>0.5</sub> CoO <sub>3</sub> Studied by Sequential Pulse Excitations. <i>Acta Physica Polonica A</i> , 2012, 121, 369-371.	0.5	2

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73	Photo-destruction of charge/orbital order in layered perovskite manganite: La <sub>0.5</sub> Sr <sub>1.5</sub> MnO <sub>4</sub> . Journal of Luminescence, 2000, 87-89, 639-641.	3.1	1
74	Photo-induced phase transitions in organic and inorganic materials. Current Applied Physics, 2001, 1, 21-27.	2.4	1
75	Electronic and Structural Phase Transition Controlled by Photo-excitation and Magnetic Field in Spin Crossover Complex. Molecular Crystals and Liquid Crystals, 2002, 379, 357-364.	0.9	1
76	Photoinduced Phase Transition in Strongly Electron-Lattice and Electron-Electron Correlated Molecular Crystals. Crystals, 2012, 2, 1067-1083.	2.2	1
77	The Earliest Stage of Photoinduced Phase Transition in a Strongly Correlated Organic System Using a 10-fs Pulse. EPJ Web of Conferences, 2013, 41, 03001.	0.3	1
78	Ultrafast photocontrol of proton-mediated organic ferroelectric cocrystal. Journal of Physics: Conference Series, 2019, 1220, 012012.	0.4	1
79	Ultrafast Nonlinear Spectroscopy in (111) Oriented Bismuth Ferrite Oxide. Journal of the Physical Society of Japan, 2020, 89, 063401.	1.6	1
80	Ultrafast Dynamics of Photoinduced Electronic Phase Modulation in Ladder Cuprate of Sr <sub>14-x</sub> CaxCu <sub>24</sub> O <sub>41</sub> . Acta Physica Polonica A, 2012, 121, 310-312.	0.5	1
81	Photo-Induced Structural Changes at a Surface of Organic Single Crystals Observed by Vibrational Sum Frequency Generation Spectroscopy. Acta Physica Polonica A, 2012, 121, 313-315.	0.5	1
82	Slow Dynamics of the Photoinduced Phase Transition in Pd(dmit) <sub>2</sub> Salts (dmit = Tj ETQqO O O rgBT /Overlock 10 Tf 50 382 Td (1,3-dithio	0.5	1
83	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 1065-1069.	1.4	0
84	Ultrafast photo-induced metal-insulator transition in 1/4 filled organic crystal (EDO-TTF) <sub>2</sub> PF <sub>6</sub> . Journal of Physics: Conference Series, 2005, 21, 130-135.	0.4	0
85	Ultrafast infrared spectroscopic study of the photo-induced phase transition in (EDO-TTF) <sub>2</sub> /PF <sub>6</sub> . , 2005, , .		0
86	Femtosecond time-resolved reflection spectroscopy in Pr <sub>x</sub> Ca <sub>1-x</sub> MnO <sub>3</sub> (x=0.37). Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 252-255.	0.8	0
87	Probing the photoinduced phase transition in (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> Sb[Pd(dmit) <sub>2</sub> ] <sub>2</sub> . Journal of Physics: Conference Series, 2009, 148, 012003.		0
88	Photoinduced Phase Transitions in Strongly Correlated Electron Systems. , 2012, , .		0
89	The photoinduced dynamics of X[M(dmit) <sub>2</sub> ] <sub>2</sub> salts. Physica Scripta, 2017, 92, 034005.	2.5	0
90	Photoexcited State and Ultrafast Dynamics in Spin-Crossover Cobalt Oxides. Springer Series in Materials Science, 2021, , 103-122.	0.6	0

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91	Picosecond dynamics in layered cobalt perovskites studied by time-resolved Raman Spectroscopy. Comptes Rendus Physique, 2021, 22, 95-102.	0.9	0
92	Ultrafast Gigantic Photo-Response in (EDO-TTF)2PF6 Initiated by 10-fs Laser Pulses. , 2006, , .		0
93	Ultrafast gigantic photo-response in (EDO-TTF)2PF6 initiated by 10-fs laser pulses. Springer Series in Chemical Physics, 2007, , 621-623.	0.2	0
94	Photoinduced Dynamics of a Quasi-1D Organic Conductor over a Range from 10 fs to 100 ps. , 2010, , .		0
95	Femtosecond Reflection Spectroscopy in La <sub>1.5</sub> Sr <sub>0.5</sub> CoO <sub>4</sub> . Acta Physica Polonica A, 2012, 121, 307-309.	0.5	0
96	Search for the Photo-Induced Hidden Phase in Inorganic and Organic Systems. Acta Physica Polonica A, 2012, 121, 328-331.	0.5	0