

# Shin-ya Koshihara

## List of Publications by Year in descending order

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210  
papers

14,027  
citations

38660

50  
h-index

19690

117  
g-index

211  
all docs

211  
docs citations

211  
times ranked

11256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges for developing photo-induced phase transition (PIPT) systems: From classical (incoherent) to quantum (coherent) control of PIPT dynamics. <i>Physics Reports</i> , 2022, 942, 1-61.	10.3	26
2	Generation of sub-100Åfs electron pulses for time-resolved electron diffraction using a direct synchronization method. <i>Review of Scientific Instruments</i> , 2022, 93, .	0.6	7
3	Photoexcited State and Ultrafast Dynamics in Spin-Crossover Cobalt Oxides. <i>Springer Series in Materials Science</i> , 2021, , 103-122.	0.4	0
4	Polarization- and Strain-Mediated Control of Negative Thermal Expansion and Ferroelasticity in $\text{BiInO}_3 \cdot \text{BiZn}_{1/2}\text{Ti}_{1/2}\text{O}_3$ . <i>Chemistry of Materials</i> , 2021, 33, 1498-1505.	3.2	4
5	Photoinduced oxygen transport in cobalt double-perovskite crystal $\text{EuBaCo}_2\text{O}_{5.39}$ . <i>Applied Materials Today</i> , 2021, 24, 101167.	2.3	3
6	Tracking the light-driven layer stacking of graphene oxide. <i>Carbon</i> , 2021, 183, 612-619.	5.4	2
7	Enhanced Spontaneous Polarization by V4+ Substitution in a Lead-Free Perovskite $\text{CaMnTi}_2\text{O}_6$ . <i>Inorganic Chemistry</i> , 2020, 59, 11749-11756.	1.9	5
8	Ultrafast Nonlinear Spectroscopy in (111) Oriented Bismuth Ferrite Oxide. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 063401.	0.7	1
9	Phonon transport probed at carbon nanotube yarn/sheet boundaries by ultrafast structural dynamics. <i>Carbon</i> , 2020, 170, 165-173.	5.4	5
10	Comparison of picosecond electron dynamics in isolated and clustered Si quantum dots deposited on a semiconductor surface. <i>Applied Physics Letters</i> , 2019, 115, 053105.	1.5	2
11	Robust Giant Tetragonal Distortion Coupled with High-Spin $\text{Co}^{3+}$ in Electron-Doped $\text{BiCoO}_3$ . <i>Inorganic Chemistry</i> , 2019, 58, 16059-16064.	1.9	9
12	Selective Reduction Mechanism of Graphene Oxide Driven by the Photon Mode <i>versus</i> the Thermal Mode. <i>ACS Nano</i> , 2019, 13, 10103-10112.	7.3	30
13	Ultrafast isomerization-induced cooperative motions to higher molecular orientation in smectic liquid-crystalline azobenzene molecules. <i>Nature Communications</i> , 2019, 10, 4159.	5.8	41
14	One-Minute Joule Annealing Enhances the Thermoelectric Properties of Carbon Nanotube Yarns via the Formation of Graphene at the Interface. <i>ACS Applied Energy Materials</i> , 2019, 2, 7700-7708.	2.5	24
15	Polar <i>Nonpolar</i> Phase Transition Accompanied by Negative Thermal Expansion in Perovskite-Type $\text{Bi}_{1-x}\text{Pb}_x\text{NiO}_3$ . <i>Chemistry of Materials</i> , 2019, 31, 4748-4758.	3.2	21
16	Optical Study of Electronic Structure and Photoinduced Dynamics in the Organic Alloy System $[(\text{EDO-TTF})_{0.89}(\text{MeEDO-TTF})_{0.11}]_2\text{PF}_6$ . <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1174.	1.3	2
17	Enhanced Negative Thermal Expansion Induced by Simultaneous Charge Transfer and Polar <i>Nonpolar</i> Transitions. <i>Journal of the American Chemical Society</i> , 2019, 141, 19397-19403.	6.6	30
18	Ultrafast Control of Ferroelectricity with Dynamical Repositioning of Protons in a Supramolecular Cocrystal Studied by Femtosecond Nonlinear Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 013705.	0.7	12

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19	Bond Dissociation Triggering Molecular Disorder in Amorphous H <sub>2</sub> O. <i>Journal of Physical Chemistry A</i> , 2018, 122, 9579-9584.	1.1	7
20	Tuning and Tracking of Coherent Shear Waves in Molecular Films. <i>ACS Omega</i> , 2018, 3, 9929-9933.	1.6	4
21	The photoinduced dynamics of X[M(dmit) <sub>2</sub> ] <sub>2</sub> salts. <i>Physica Scripta</i> , 2017, 92, 034005.	1.2	0
22	Ultrafast electron dynamics in twisted graphene by femtosecond photoemission electron microscopy. <i>Carbon</i> , 2017, 124, 49-56.	5.4	12
23	Bandgap modulation in photoexcited topological insulator Bi <sub>2</sub> Te <sub>3</sub> via atomic displacements. <i>Journal of Chemical Physics</i> , 2016, 145, 024504.	1.2	20
24	Direct observations of the photoinduced change in dimerization in K-TCNQ. <i>Physical Review B</i> , 2016, 93, .	1.1	4
25	Direct Observation of the Triplet Metal-Centered State in [Ru(bpy) <sub>3</sub> ] <sup>2+</sup> Using Time-Resolved Infrared Spectroscopy. <i>ChemistrySelect</i> , 2016, 1, 2802-2807.	0.7	41
26	Local response to light excitation in the charge-ordered phase of $F_{6-x}M_{x-6}$ . <i>Physical Review B</i> , 2015, 92, .	1.1	11
27	Ultrabright Femtosecond Electron Sources: Ultrafast Structural Dynamics in Labile Organic Crystals. <i>Microscopy and Microanalysis</i> , 2015, 21, 1207-1208.	0.2	1
28	Lifetimes of photogenerated electrons on a GaAs surface affected by nanostructural defects. <i>Applied Physics Express</i> , 2015, 8, 101201.	1.1	16
29	Direct observation of collective modes coupled to molecular orbitalâ€“driven charge transfer. <i>Science</i> , 2015, 350, 1501-1505.	6.0	114
30	Crystal structure analysis of molecular dynamics using synchrotron X-rays. <i>CrystEngComm</i> , 2015, 17, 8786-8795.	1.3	5
31	Different Time-Scale Relaxation Dynamics in Organic Supramolecular Ferroelectrics Studied by Linear and Nonlinear Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 073707.	0.7	8
32	Femtosecond time-resolved photoemission electron microscopy for spatiotemporal imaging of photogenerated carrier dynamics in semiconductors. <i>Review of Scientific Instruments</i> , 2014, 85, 083705.	0.6	39
33	Coherent dynamics of photoinduced phase formation in a strongly correlated organic crystal. <i>Physical Review B</i> , 2014, 89, .	1.1	19
34	Diverse Photoinduced Dynamics in an Organic Charge-Transfer Complex Having Strong Electronâ€“Phonon Interactions. <i>Accounts of Chemical Research</i> , 2014, 47, 3494-3503.	7.6	23
35	Direct imaging of electron recombination and transport on a semiconductor surface by femtosecond time-resolved photoemission electron microscopy. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	46
36	Infrared Vibrational Spectroscopy of [Ru(bpy) <sub>2</sub> (bpm)] <sup>2+</sup> and [Ru(bpy) <sub>3</sub> ] <sup>2+</sup> in the Excited Triplet State. <i>Inorganic Chemistry</i> , 2014, 53, 2481-2490.	1.9	39

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37	Crystal Melting by Light: X-ray Crystal Structure Analysis of an Azo Crystal Showing Photoinduced Crystal-Melt Transition. <i>Journal of the American Chemical Society</i> , 2014, 136, 9158-9164.	6.6	104
38	Time-resolved X-ray crystal structure analysis for elucidating the hidden "over-neutralized" phase of TTF-CA. <i>RSC Advances</i> , 2013, 3, 16313.	1.7	10
39	Mapping molecular motions leading to charge delocalization with ultrabright electrons. <i>Nature</i> , 2013, 496, 343-346.	13.7	240
40	Magneto-Optical (MO) Characterization. <i>Springer Series in Materials Science</i> , 2013, , 165-185.	0.4	0
41	Time-Resolved Infrared Vibrational Spectroscopy of the Photoinduced Phase Transition of Pd(dmit) <sub>2</sub> Salts Having Different Orders of Phase Transition. <i>Journal of Physical Chemistry C</i> , 2013, 117, 13187-13196.	1.5	29
42	Ultrafast Real Space Dynamics of Photoexcited State in a Layered Perovskite-Type Spin Crossover Oxide La <sub>1.5</sub> Sr <sub>0.5</sub> CoO <sub>4</sub> . <i>Journal of the Physical Society of Japan</i> , 2013, 82, 074721.	0.7	9
43	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.	0.7	5
44	The Earliest Stage of Photoinduced Phase Transition in a Strongly Correlated Organic System Using a 10-fs Pulse. <i>EPJ Web of Conferences</i> , 2013, 41, 03001.	0.1	1
45	A "Hidden Face" of Materials has been Revealed by a Dynamical X-ray Absorption Measurement. <i>JPSJ News and Comments</i> , 2013, 10, 05.	0.2	0
46	Probing the metal-insulator phase transition in the (DMEDO-EBDT) <sub>2</sub> PF <sub>6</sub> single crystal by optical measurements. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 195501.	0.7	3
47	Photoinduced Phase Transitions in Strongly Correlated Electron Systems. , 2012, , .		0
48	Photochemistry of fac-[Re(bpy)(CO) <sub>3</sub> Cl]. <i>Chemistry - A European Journal</i> , 2012, 18, 15722-15734.	1.7	74
49	Charge and Structural Dynamics in Photoinduced Phase Transition of (EDO-TTF) <sub>2</sub> PF <sub>6</sub> Examined by Picosecond Time-Resolved Vibrational Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2012, 116, 5892-5899.	1.5	27
50	Coordination and Electronic Structure of Ruthenium(II)-tris-2,2'-bipyridine in the Triplet Metal-to-Ligand Charge-Transfer Excited State Observed by Picosecond Time-Resolved Ru K-Edge XAFS. <i>Journal of Physical Chemistry C</i> , 2012, 116, 14232-14236.	1.5	34
51	Direct Observation of Cooperative Protein Structural Dynamics of Homodimeric Hemoglobin from 100 ps to 10 ms with Pump-Probe X-ray Solution Scattering. <i>Journal of the American Chemical Society</i> , 2012, 134, 7001-7008.	6.6	82
52	Ligand migration in myoglobin: A combined study of computer simulation and x-ray crystallography. <i>Journal of Chemical Physics</i> , 2012, 136, 165101.	1.2	7
53	Determination of the Structural Features of a Long-Lived Electron-Transfer State of 9-Mesityl-10-methylacridinium Ion. <i>Journal of the American Chemical Society</i> , 2012, 134, 4569-4572.	6.6	71
54	Structural Transitions from Triangular to Square Molecular Arrangements in the Quasi-One-Dimensional Molecular Conductors (DMEDO-TTF) <sub>2</sub> XF <sub>6</sub> (X = P, As, and Sb). <i>Journal of the American Chemical Society</i> , 2012, 134, 13330-13340.	6.6	18

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55	Photoinduced Phase Transition in Strongly Electron-Lattice and Electron-Electron Correlated Molecular Crystals. <i>Crystals</i> , 2012, 2, 1067-1083.	1.0	1
56	Photoinduced Neutral-to-Ionic Phase Transition in Tetrathiafulvalene-p-chloranil Studied by Time-Resolved Vibrational Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 124711.	0.7	21
57	Transient photoinduced "hidden" phase in $\text{Mn}^{2+}$ manganite. <i>Nature Materials</i> , 2011, 10, 101-105.	13.3	216
58	Ferroelectricity of Li-doped silver niobate ( $\text{Ag, Li}$ ) $\text{NbO}_3$ . <i>Journal of Physics Condensed Matter</i> , 2011, 23, 075901.	0.7	25
59	Ultrafast and large reflectivity change by ultraviolet excitation of the metallic phase in the organic conductor (EDO-TTF) $_2$ PF $_6$ . <i>Physica B: Condensed Matter</i> , 2010, 405, S350-S352.	1.3	2
60	Tracking ligand-migration pathways of carbonmonoxy myoglobin in crystals at cryogenic temperatures. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2010, 66, 220-228.	0.3	4
61	"It's hollow": the function of pores within myoglobin. <i>Journal of Experimental Biology</i> , 2010, 213, 2748-2754.	0.8	28
62	Capturing One-Dimensional Precursors of a Photoinduced Transformation in a Material. <i>Physical Review Letters</i> , 2010, 105, 246101.	2.9	42
63	Invariant lattice strain and polarization in $\text{BaTiO}_3$ - $\text{CaTiO}_3$ ferroelectric alloys. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 052204.	0.7	41
64	Direct Probing of Spin State Dynamics Coupled with Electronic and Structural Modifications by Picosecond Time-Resolved XAFS. <i>Journal of the American Chemical Society</i> , 2010, 132, 61-63.	6.6	75
65	Photoinduced Dynamics of a Quasi-1D Organic Conductor over a Range from 10 fs to 100 ps. , 2010, , .		0
66	Dielectric, ferroelectric, and piezoelectric behaviors of $\text{AgNbO}_3$ - $\text{KNbO}_3$ solid solution. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	55
67	Organic metal (EDO-TTF) $_2$ PF $_6$ with multi-instability. <i>Science and Technology of Advanced Materials</i> , 2009, 10, 024305.	2.8	18
68	Visualizing breathing motion of internal cavities in concert with ligand migration in myoglobin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2612-2616.	3.3	110
69	Lattice distortion under an electric field in $\text{BaTiO}_3$ piezoelectric single crystal. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 215903.	0.7	43
70	Multi-phonon dynamics of the ultra-fast photoinduced transition of (EDO-TTF) $_2$ SbF $_6$ . <i>Journal of Physics: Conference Series</i> , 2009, 148, 012001.	0.3	5
71	Nanostructured $\text{TiO}_2$ photocatalyst and pump-probe spectroscopic study. <i>Frontiers of Materials Science in China</i> , 2009, 3, 403-408.	0.5	4
72	The photoinduced phase transition in $\text{Et}_2\text{Me}_2\text{Sb}[\text{Pd}(\text{dmit})_2]_2$ . <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 112-115.	0.8	3

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73	Femtosecond time-resolved reflection spectroscopy in $\text{PrCaMnO}_3$ ( $x=0.37$ ). <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 252-255.	0.8	0
74	Capturing molecular structural dynamics by 100-ps time-resolved X-ray absorption spectroscopy. <i>Journal of Synchrotron Radiation</i> , 2009, 16, 110-115.	1.0	25
75	The RATIO method for time-resolved Laue crystallography. <i>Journal of Synchrotron Radiation</i> , 2009, 16, 226-230.	1.0	45
76	100-ps time-resolved solution scattering utilizing a wide-bandwidth X-ray beam from multilayer optics. <i>Journal of Synchrotron Radiation</i> , 2009, 16, 391-394.	1.0	26
77	Prediction of the Electronic Structure via Molecular Stacking Mode of Radical Cation Salts Based on Asymmetric Donor Molecule MeEDO-TTF. <i>Chemistry of Materials</i> , 2009, 21, 1085-1095.	3.2	19
78	Comprehensive Structural Study of Glassy and Metastable Crystalline $\text{BaTi}_2\text{O}_5$ . <i>Chemistry of Materials</i> , 2009, 21, 259-263.	3.2	66
79	<a href="http://www.w3.org/1998/Math/MathML" style="color: yellow;">Relaxor <math>\text{PbMg}_{1-x}\text{Pb}_x\text{O}_3</math>: A Ferroelectric with</a>	2.9	256
80	Photoinduced insulator-metal transition in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{CoO}_3$ as studied by femtosecond spectroscopy. <i>Journal of Physics: Conference Series</i> , 2009, 148, 012019.	0.3	5
81	100-picosecond time-resolved X-ray absorption fine structure of $\text{Fe}(\text{1,10-phenanthroline})_3$ . <i>Journal of Physics: Conference Series</i> , 2009, 148, 012035.	0.3	1
82	Anomalous photo-induced response by double-pulse excitation in the organic conductor (EDO-TTF) $_2\text{PF}_6$ . <i>Journal of Physics: Conference Series</i> , 2009, 148, 012002.	0.3	4
83	100ps time-resolved X-ray diffraction study on $\text{Nd}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ thin film. <i>Journal of Physics: Conference Series</i> , 2009, 148, 012020.	0.3	0
84	Towards ultrafast spin-state switching in the solid state. <i>Comptes Rendus Chimie</i> , 2008, 11, 1235-1240.	0.2	17
85	Origin of Giant Dielectric Response in Nonferroelectric $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ : Inhomogeneous Conduction Nature Probed by Atomic Force Microscopy. <i>Chemistry of Materials</i> , 2008, 20, 1694-1698.	3.2	77
86	Crystal growth and piezoelectricity of $\text{BaTiO}_3$ - $\text{CaTiO}_3$ solid solution. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	59
87	<a href="http://www.w3.org/1998/Math/MathML" style="color: yellow;">Anomalous Phase Diagram of Ferroelectric <math>\text{Ba}_{1-x}\text{Ca}_x\text{TiO}_3</math></a>	1.0	14
88	<a href="http://www.w3.org/1998/Math/MathML" style="color: yellow;">Crystals with Giant Electro-mechanical Response: <math>\text{BaTiO}_3</math></a> 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.	1.9	149
89	Formation of two-dimensional metals by weak intermolecular interactions based on the asymmetric EDO-TTF derivatives. <i>Journal of Materials Chemistry</i> , 2008, 18, 2131.	6.7	16
90	Reply to Comment on "Origin of Giant Dielectric Response in Nonferroelectric $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ : Inhomogeneous Conduction Nature Probed by Atomic Force Microscopy". <i>Chemistry of Materials</i> , 2008, 20, 6286-6287.	3.2	4



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109	Photoinduced Phase Transition of the Coordinationally Unsaturated d9 Metal Centers of Bis(N,N-diethylethylenediamine)copper(II) Perchlorate within the Thermal Hysteresis of the Spin-Exchange Interaction. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1345-1347.	1.0	4
110	Ultrafast Gigantic Photo-Response in (EDO-TTF)2PF6 Initiated by 10-fs Laser Pulses. , 2006, , .		0
111	PF-AR NW14, a new time-resolved diffraction/scattering beamline. <i>Journal of Physics: Conference Series</i> , 2005, 21, 211-215.	0.3	0
112	Photo-induced phase transition: from where it comes and to where it goes?. <i>Journal of Physics: Conference Series</i> , 2005, 21, 7-14.	0.3	13
113	Ultrafast photo-induced metal-insulator transition in 1/4 filled organic crystal (EDO-TTF)2PF6. <i>Journal of Physics: Conference Series</i> , 2005, 21, 130-135.	0.3	0
114	Ultrafast infrared spectroscopic study of the photo-induced phase transition in (EDO-TTF)2PF6. <i>Journal of Physics: Conference Series</i> , 2005, 21, 216-220.	0.3	9
115	Ultra-fast and sensitive photo-induced phase switching in (EDO-TTF)2PF6. <i>Journal of Luminescence</i> , 2005, 112, 275-278.	1.5	2
116	Time-resolved X-ray diffraction: a wonderful tool for probing structural photo-induced phase transitions. <i>Journal of Luminescence</i> , 2005, 112, 235-241.	1.5	8
117	Gigantic Photoresponse in 1/4-Filled-Band Organic Salt (EDO-TTF)2PF6. <i>Science</i> , 2005, 307, 86-89.	6.0	315
118	Photo-induced chirality switching in a cobaloxime complex crystal. <i>Journal of Chemical Physics</i> , 2005, 122, 141103.	1.2	17
119	Intramolecular Nitro-Assisted Proton Transfer in Photoirradiated 2-(2,4-Dinitrobenzyl)pyridine: Polarized Optical Spectroscopic Study and Electronic Structure Calculations. <i>Journal of Physical Chemistry A</i> , 2005, 109, 7264-7275.	1.1	20
120	Current status of 50-picosecond resolved x-ray diffraction at Photon Factory Advanced Ring (PF-AR). <i>Journal of Physics: Conference Series</i> , 2005, 21, 101-105.	0.3	1
121	Photoinduced Phenomena in Quantum Paraelectric Oxides by Ultraviolet Laser Irradiation. <i>Ferroelectrics</i> , 2004, 298, 317-323.	0.3	16
122	Preparation of Polyacetylenes via Organometallic C-C Coupling Reactions. <i>Polymer Bulletin</i> , 2004, 52, 315-319.	1.7	20
123	Probing photoinduced phase transition in a charge-transfer molecular crystal by 100 picosecond X-ray diffraction. <i>Chemical Physics</i> , 2004, 299, 163-170.	0.9	51
124	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.	1.2	443
125	Class cutting by femtosecond pulsed irradiation. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2004, 3, 358.	1.0	25
126	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.	1.9	237

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127	Giant Photoconductivity in Quantum Paraelectric Oxides. <i>Ferroelectrics</i> , 2004, 298, 141-143.	0.3	5
128	Isotope Effect on Photoconductivity in Quantum Paraelectric SrTiO <sub>3</sub> . <i>Journal of the Physical Society of Japan</i> , 2004, 73, 1635-1638.	0.7	27
129	Ultrafast photo-response in (EDO) <sub>2</sub> PF <sub>6</sub> . <i>European Physical Journal Special Topics</i> , 2004, 114, 143-145.	0.2	12
130	PROBING PHOTOINDUCED STRUCTURAL PHASE TRANSITIONS BY FAST OR ULTRA-FAST TIME-RESOLVED X-RAY DIFFRACTION. , 2004, , 309-342.		2
131	100 ps time-resolved crystallographic investigation of the photoinduced phase transition in TFF-CA. <i>European Physical Journal Special Topics</i> , 2004, 114, 99-101.	0.2	0
132	Selective isomerization of retinal upon two-photon excitation. <i>Chemical Physics Letters</i> , 2003, 369, 380-385.	1.2	5
133	Preparation of a new poly(p-phenylene) type polymer, poly(pyrazine-2,5-diyl), with a coplanar structure. <i>Polymer</i> , 2003, 44, 4487-4490.	1.8	30
134	Lanthanide Double-Decker Complexes Functioning as Magnets at the Single-Molecular Level. <i>Journal of the American Chemical Society</i> , 2003, 125, 8694-8695.	6.6	2,257
135	Laser-Induced Ferroelectric Structural Order in an Organic Charge-Transfer Crystal. <i>Science</i> , 2003, 300, 612-615.	6.0	426
136	A Gigantic Photoinduced Dielectric Constant of Quantum Paraelectric Perovskite Oxides Observed under a Weak DC Electric Field. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 37-40.	0.7	108
137	Micro-Character Printing on a Diamond Plate by Femtosecond Infrared Optical Pulses. <i>Japanese Journal of Applied Physics</i> , 2003, 42, 4613-4616.	0.8	13
138	Dielectric Enhancement in Quantum Paraelectric SrTiO <sub>3</sub> by UV Laser Irradiation under DC Electric Field. <i>Ferroelectrics</i> , 2003, 286, 3-8.	0.3	9
139	Static and dynamic order of cooperative multi-electron transfer. <i>Europhysics Letters</i> , 2002, 59, 619-625.	0.7	70
140	Photo-Induced Transformations: Three States Model. <i>Phase Transitions</i> , 2002, 75, 659-671.	0.6	3
141	Electronic and Structural Phase Transition Controlled by Photo-excitation and Magnetic Field in Spin Crossover Complex. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 379, 357-364.	0.4	1
142	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.	0.6	4
143	Dynamics of the Photoinduced Ionic-to-Neutral Phase Transition in Tetrathiafulvalene- p -chloranil Studied by Femtosecond Time-resolved Reflection Spectroscopy. <i>Phase Transitions</i> , 2002, 75, 815-822.	0.6	0
144	New Class of Photo-induced Cooperative Phenomena in Organic and Inorganic Hybrid Complexes. <i>Phase Transitions</i> , 2002, 75, 683-688.	0.6	2

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145	Room-Temperature Ferromagnetism in Transparent Transition Metal-Doped Titanium Dioxide. <i>Science</i> , 2001, 291, 854-856.	6.0	2,376
146	Magnetic properties of Mn-doped ZnO. <i>Applied Physics Letters</i> , 2001, 78, 958-960.	1.5	575
147	Photoinduced phase transition accompanied with the changes in magnetic properties. <i>Phase Transitions</i> , 2001, 74, 35-50.	0.6	1
148	Formation of FeAs and Fe crystallites in GaAs/Fe composite structures and their roles in light-enhanced magnetization. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001, 10, 437-441.	1.3	15
149	Photo-induced phase transitions in organic and inorganic materials. <i>Current Applied Physics</i> , 2001, 1, 21-27.	1.1	1
150	Ferromagnetism in Co-Doped TiO <sub>2</sub> Rutile Thin Films Grown by Laser Molecular Beam Epitaxy. <i>Japanese Journal of Applied Physics</i> , 2001, 40, L1204-L1206.	0.8	178
151	Photo-induced ionic-to-neutral phase transition in tetrathiafulvalene- <i>p</i> -chloranil crystals. <i>Phase Transitions</i> , 2001, 74, 21-34.	0.6	2
152	Photo-induced effect of ferroelastic phase transition in KD <sub>3</sub> (SeO <sub>3</sub> ) <sub>2</sub> . <i>Ferroelectrics</i> , 2001, 264, 309-314.	0.3	10
153	Fe-based magnetic-semiconductor hybrid structures for photocarrier-induced magnetism. <i>Journal of Applied Physics</i> , 2000, 87, 6445-6447.	1.1	36
154	Large order-disorder transition in polydihexylsilane films as studied by second-harmonic generation spectroscopy. <i>Chemical Physics Letters</i> , 2000, 317, 260-263.	1.2	3
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