

Hiroshi Okamoto

List of Publications by Year in descending order

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31949

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citing authors

#	ARTICLE	IF	CITATIONS
1	Charge and Lattice Dynamics in Excitonic Insulator Ta ₂ NiSe ₅ Investigated Using Ultrafast Reflection Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2022, 91, .	0.7	7
2	Scattering mechanism of hole carriers in organic molecular semiconductors deduced from analyses of terahertz absorption spectra using Drude-Anderson model. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	3
3	Phonon-dressed states in an organic Mott insulator. <i>Communications Physics</i> , 2022, 5, .	2.0	6
4	Simulation of foraging behavior using a decision-making agent with Bayesian and inverse Bayesian inference: Temporal correlations and power laws in displacement patterns. <i>Chaos, Solitons and Fractals</i> , 2022, 157, 111976.	2.5	3
5	Band-filling effects in single-crystalline oligomer models for doped PEDOT: 3,4-ethylenedioxythiophene (EDOT) dimer salt with hydrogen-bonded infinite sulfate anion chains. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7543-7551.	2.7	3
6	Topological Excitations in Neutral-Ionic Transition Systems. <i>Symmetry</i> , 2022, 14, 925.	1.1	1
7	Ni(III) Mott-Hubbard-like State Containing High-Spin Ni(II) in a Semiconductive Bromide-Bridged Ni-Chain Compound. <i>Inorganic Chemistry</i> , 2022, 61, 9504-9513.	1.9	8
8	An unusual Pd(III) oxidation state in the Pd-Cl chain complex with high thermal stability and electrical conductivity. <i>Dalton Transactions</i> , 2021, 50, 1614-1619.	1.6	9
9	Excitonic optical spectra and energy structures in a one-dimensional Mott insulator demonstrated by applying a many-body Wannier functions method to a charge model. <i>Physical Review B</i> , 2021, 103, .	1.1	7
10	Terahertz-field-induced polar charge order in electronic-type dielectrics. <i>Nature Communications</i> , 2021, 12, 953.	5.8	9
11	Terahertz-Field-Induced Changes of Electronic States Associated with a Polarization Modulation in BiFeO ₃ . <i>Journal of the Physical Society of Japan</i> , 2021, 90, 033703.	0.7	4
12	Fate of soliton matter upon symmetry-breaking ferroelectric order. <i>Physical Review B</i> , 2021, 103, .	1.1	2
13	Power Laws Derived from a Bayesian Decision-Making Model in Non-Stationary Environments. <i>Symmetry</i> , 2021, 13, 718.	1.1	2
14	Long Carbon-Carbon Bonding beyond 2 Å... in Tris(9-fluorenylidene)methane. <i>Journal of the American Chemical Society</i> , 2021, 143, 14360-14366.	6.6	19
15	Ionic to neutral conversion induced by resonant excitation of molecular vibrations coupled to intermolecular charge transfer. <i>Physical Review Research</i> , 2021, 3, .	1.3	4
16	Ultrafast control of electronic states by a terahertz electric field pulse in the quasi-one-dimensional organic ferroelectric (TMTTF) ₂ PF ₆ . <i>Physical Review B</i> , 2021, 104, .	1.1	2
17	Evaluations of nonlocal electron-phonon couplings in tetracene, rubrene, and C ₁₀ -DNBDT-NW based on density functional theory. <i>Physical Review B</i> , 2020, 102, .	1.1	11
18	Observation of the Three-Dimensional Polarization Vector in Films of Organic Molecular Ferroelectrics Using Terahertz Radiation Emission. <i>Physical Review Applied</i> , 2020, 14, .	1.5	5

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19	Ultrabosonic behavior in photoexcited one-dimensional Mott insulators in the region of weak intersite Coulomb interaction. <i>Physical Review B</i> , 2020, 102, .	1.1	2
20	Conductive zigzag Pd(III)-Br chain complex realized by a multiple-hydrogen-bond approach. <i>CrystEngComm</i> , 2020, 22, 3999-4004.	1.3	10
21	Laser Pouch Motors: Selective and Wireless Activation of Soft Actuators by Laser-Powered Liquid-to-Gas Phase Change. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 4180-4187.	3.3	19
22	Long-term stabilization of carrier envelope phases of mid-infrared pulses for the precise detection of phase-sensitive responses to electromagnetic waves. <i>AIP Advances</i> , 2020, 10, .	0.6	9
23	Strong Terahertz Radiation via Rapid Polarization Reduction in Photoinduced Ionic-To-Neutral Transition in Tetrathiafulvalene- p -Chloranil. <i>Physical Review Letters</i> , 2020, 124, 057402.	2.9	5
24	A new method of Bayesian causal inference in non-stationary environments. <i>PLoS ONE</i> , 2020, 15, e0233559.	1.1	5
25	A new method of Bayesian causal inference in non-stationary environments. , 2020, 15, e0233559.		0
26	A new method of Bayesian causal inference in non-stationary environments. , 2020, 15, e0233559.		0
27	A new method of Bayesian causal inference in non-stationary environments. , 2020, 15, e0233559.		0
28	A new method of Bayesian causal inference in non-stationary environments. , 2020, 15, e0233559.		0
29	Evaluating intrinsic mobility from transient terahertz conductivity spectra of microcrystal samples of organic molecular semiconductors. <i>Applied Physics Letters</i> , 2019, 115, .	1.5	3
30	10^3 BINOL-derived chiral phosphoric acid-catalyzed enantioselective carbonyl-ene reaction: theoretical elucidation of stereochemical outcomes. <i>Chemical Science</i> , 2019, 10, 1426-1433.	3.7	26
31	Photoexcitation of a one-dimensional polarization-inverted domain from the charge-ordered ferroelectric ground state of (TMTTF) ₂ PF ₆ . <i>Physical Review B</i> , 2019, 99, .	1.1	2
32	Doublon-holon pairing mechanism via exchange interaction in two-dimensional cuprate Mott insulators. <i>Science Advances</i> , 2019, 5, eaav2187.	4.7	20
33	MX-type single chain complexes with an aromatic in-plane ligand: incorporation of aromatic interactions for stabilizing the chain structure. <i>Dalton Transactions</i> , 2019, 48, 7828-7834.	1.6	6
34	Hysteretic Current-Voltage Characteristics in the Deuterium-Dynamics-Triggered Charge-Ordered Phase of $\text{D}_3(\text{Cat-EDT-TTF})_2$. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 034710.	0.7	11
35	Large terahertz magnetization response in ferromagnetic nanoparticles. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	8
36	Validity of the Mott formula and the origin of thermopower in π -conjugated semicrystalline polymers. <i>Physical Review B</i> , 2019, 100, .	1.1	26

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37	Biexciton in one-dimensional Mott insulators. <i>Communications Physics</i> , 2019, 2, .	2.0	11
38	Effective model of one-dimensional extended Hubbard systems: Application to linear optical spectrum calculations in large systems based on many-body Wannier functions. <i>Physical Review B</i> , 2019, 100, .	1.1	6
39	Topological charge transport by mobile dielectric-ferroelectric domain walls. <i>Science Advances</i> , 2019, 5, eaax8720.	4.7	11
40	Smallest Optical Gap for Pt(II)–Pt(IV) Mixed-Valence Pt–Cl and Pt–Br Chain Complexes Achieved by Using a Multiple-Hydrogen-Bond Approach. <i>Inorganic Chemistry</i> , 2019, 58, 114-120.	1.9	15
41	Terahertz radiation by subpicosecond spin-polarized photocurrent originating from Dirac electrons in a Rashba-type polar semiconductor. <i>Physical Review B</i> , 2018, 97, .	1.1	6
42	Structural Study of Bromide-Bridged Pd Chain Complex with Weak CH ₃ -O Hydrogen Bonds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 646-651.	0.6	4
43	Evidence for solitonic spin excitations from a charge-lattice-coupled ferroelectric order. <i>Science Advances</i> , 2018, 4, eaau7725.	4.7	11
44	Probing ultrafast spin-relaxation and precession dynamics in a cuprate Mott insulator with seven-femtosecond optical pulses. <i>Nature Communications</i> , 2018, 9, 3948.	5.8	18
45	Ultrafast polarization control by terahertz fields via π -electron wavefunction changes in hydrogen-bonded molecular ferroelectrics. <i>Scientific Reports</i> , 2018, 8, 15014.	1.6	12
46	Narrowband terahertz radiation by impulsive stimulated Raman scattering in an above-room-temperature organic ferroelectric benzimidazole. <i>Physical Review A</i> , 2018, 98, .	1.0	8
47	Control of electronic states by a nearly monocyclic terahertz electric-field pulse in organic correlated electron materials. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 162001.	0.6	8
48	Ultrafast magnetization modulation induced by the electric field component of a terahertz pulse in a ferromagnetic-semiconductor thin film. <i>Scientific Reports</i> , 2018, 8, 6901.	1.6	9
49	Revisited phase diagram on charge instability and lattice symmetry breaking in the organic ferroelectric TTF-QCl_4 . <i>Physical Review B</i> , 2018, 98, .	1.1	19
50	Terahertz-Field-Induced Large Macroscopic Polarization and Domain-Wall Dynamics in an Organic Molecular Dielectric. <i>Physical Review Letters</i> , 2017, 118, 107602.	2.9	32
51	Ultrafast Photoinduced Electric-Polarization Switching in a Hydrogen-Bonded Ferroelectric Crystal. <i>Physical Review Letters</i> , 2017, 118, 107404.	2.9	27
52	Multiple-Hydrogen-Bond Approach to Uncommon Pd(III) Oxidation State: A Pd–Br Chain with High Conductivity and Thermal Stability. <i>Journal of the American Chemical Society</i> , 2017, 139, 6562-6565.	6.6	39
53	Mott transition by an impulsive dielectric breakdown. <i>Nature Materials</i> , 2017, 16, 1100-1105.	13.3	49
54	Near-infrared absorption of π -stacking columns composed of trioxotriangulene neutral radicals. <i>Npj Quantum Materials</i> , 2017, 2, .	1.8	52

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55	Generation of a carrier-envelope-phase-stable femtosecond pulse at 10 μm by direct down-conversion from a Ti:sapphire laser pulse. Applied Physics Express, 2017, 10, 122701.	1.1	14
56	Visualization of a nonlinear conducting path in an organic molecular ferroelectric by using emission of terahertz radiation. Physical Review B, 2017, 95, .	1.1	11
57	Ultrafast Electron and Molecular Dynamics in Photoinduced and Electric-Field-Induced Neutral-Ionic Transitions. Crystals, 2017, 7, 132.	1.0	20
58	Novel electronic ferroelectricity in an organic charge-order insulator investigated with terahertz-pump optical-probe spectroscopy. Scientific Reports, 2016, 6, 20571.	1.6	31
59	Optically Visible Phase Separation between Mott-Hubbard and Charge-Density-Wave Domains in a Pd-Br Chain Complex. ChemistrySelect, 2016, 1, 259-263.	0.7	18
60	Intrinsic carrier scattering mechanism in anatase TiO_2 investigated by ultraviolet-pump terahertz-probe spectroscopy. Physical Review B, 2016, 94, .	1.1	2
61	Enhancement of Photoinduced Charge-Order Melting via Anisotropy Control by Double-Pulse Excitation in Perovskite Manganites: $\text{Pr}_{0.6}\text{Ca}_{0.4}\text{MnO}_3$. Physical Review Letters, 2016, 116, 076402.	2.9	10
62	Terahertz Radiation by Subpicosecond Magnetization Modulation in the Ferrimagnet LiFe_5O_8 . ACS Photonics, 2016, 3, 1170-1175.	3.2	15
63	Electrical Transport in the Quasi-Two-Dimensional Ionic Mott Insulator $\text{M}_2\text{P-TCNQF}_4$ under High Pressures. Journal of the Physical Society of Japan, 2015, 84, 104702.	0.7	0
64	Photoinduced complete melting of spin-Peierls phase in Na-tetracyanoquinodimethane revealed by frequency doubling of coherent molecular oscillations. Physical Review B, 2015, 91, .	1.1	2
65	Temperature and carrier-density dependence of electron-hole scattering in silicon investigated by optical-pump terahertz-probe spectroscopy. Physical Review B, 2015, 91, .	1.1	17
66	Photoinduced switching to metallic states in the two-dimensional organic Mott insulator dimethylphenazine-tetrafluorotetracyanoquinodimethane with anisotropic molecular stacks. Physical Review B, 2015, 91, .	1.1	3
67	THz-Frequency Modulation of the Hubbard U in an Organic Mott Insulator. Physical Review Letters, 2015, 115, 187401.	2.9	69
68	Elliptically polarized terahertz radiation from a chiral oxide. Applied Physics Letters, 2015, 107, 131114.	1.5	1
69	Switching of Transfer Characteristics of an Organic Field-Effect Transistor by Phase Transitions: Sensitive Response to Molecular Dynamics and Charge Fluctuation. Chemistry of Materials, 2015, 27, 4441-4449.	3.2	32
70	Synthetic Method for 2,2'-Disubstituted Fluorinated Binaphthyl Derivatives and Application as Chiral Source in Design of Chiral Mono-Phosphoric Acid Catalyst. Chirality, 2015, 27, 464-475.	1.3	16
71	Epitaxial growth of high quality La_2CuO_4 film on LaSrAlO_4 substrate with introduction of ultrathin amorphous layer of La_2CuO_4 . Journal of Crystal Growth, 2015, 425, 230-233.	0.7	0
72	Electron transport in TTF-CA under High pressures. Physica B: Condensed Matter, 2015, 460, 83-87.	1.3	8

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91	(Invited) SiC MOS Interface States: Similarity and Dissimilarity from Silicon. ECS Transactions, 2013, 50, 305-311.	0.3	6
92	Measurement of a Photoinduced Transition from a Nonordered Phase to a Transient Ordered Phase in the Organic Quantum-Paraelectric Compound dimethyltetrathiafulvalene-dibromodichloro- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle \text{benzoquinone}$ Using Femtosecond Laser Irradiation. Physical Review Letters, 2013, 111, 187801.	2.9	15
93	Terahertz-field-driven sub-picosecond optical switching enabled by large third-order optical nonlinearity in a one-dimensional Mott insulator. Applied Physics Letters, 2013, 102, .	1.5	16
94	Development of a Robust Model System of FRET using Base Surrogates Tethering Fluorophores for Strict Control of Their Position and Orientation within DNA Duplex. Journal of the American Chemical Society, 2013, 135, 741-750.	6.6	67
95	Ultrafast modulation of polarization amplitude by terahertz fields in electronic-type organic ferroelectrics. Nature Communications, 2013, 4, 2586.	5.8	96
96	Large second-order optical nonlinearity in a ferroelectric molecular crystal of croconic acid with strong intermolecular hydrogen bonds. Applied Physics Letters, 2013, 102, .	1.5	15
97	Charge modulation infrared spectroscopy of rubrene single-crystal field-effect transistors. Applied Physics Letters, 2013, 102, .	1.5	11
98	Fermi level shift in $\text{La}_2\text{SrCuO}_4$ probed by heteroepitaxial junctions with Nb-doped SrTiO_3 . Applied Physics Letters, 2013, 102, .	1.5	7
99	Photoinduced Phase Transitions in MMX-Chain Compounds. , 2013, , 231-242.		0
100	Structures and Optical Properties of Pt and Pd Compounds with Charge-Density-Waves. , 2013, , 9-30.		1
101	Temperature- and Pressure-Induced Charge-Density-Wave to Mott-Hubbard Phase Transitions in Quasi-One-Dimensional Bromine-Bridged Pd Compounds. Journal of the Physical Society of Japan, 2012, 81, 074705.	0.7	2
102	Dimerization-induced spin-charge coupling in one-dimensional Mott insulators revealed by femtosecond reflection spectroscopy of Rb-tetracyanoquinodimethane salts. Physical Review B, 2012, 85, .	1.1	9
103	Role of Coulomb Interactions and Spin-Peierls Dimerizations in Neutral-to-Ionic Phase Transition Investigated by Femtosecond Reflection Spectroscopy. Journal of the Physical Society of Japan, 2012, 81, 073703.	0.7	17
104	Controlling the Electronic States and Physical Properties of MMX-Type Diplatinum-Iodide Chain Complexes via Binary Counteractions. Inorganic Chemistry, 2012, 51, 9967-9977.	1.9	13
105	Relaxation Dynamics of Photoexcited Excitons in Rubrene Single Crystals Using Femtosecond Absorption Spectroscopy. Physical Review Letters, 2012, 109, 097403.	2.9	21
106	Enhancement of luminescence intensity in TMPY/perylene co-single crystals. Journal of Materials Chemistry, 2011, 21, 17662.	6.7	38
107	Photoinduced transition from Mott insulator to metal in the undoped cuprates Nd_2CuO_4	1.1	101
108	Bottom-up realization of a porous metal-organic nanotubular assembly. Nature Materials, 2011, 10, 291-295.	13.3	181

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109	Quantum interference between charge excitation paths in a solid-state Mott insulator. Nature Physics, 2011, 7, 114-118.	6.5	134
110	Suppression of Precipitates in the $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ Films Grown on LaSrAlO_4 Substrates by Introducing Homoepitaxial Layer. Japanese Journal of Applied Physics, 2011, 50, 093101.	0.8	3
111	Optical pump-probe spectroscopy of photocarriers in rubrene single crystals. Physical Review B, 2011, 83, .	1.1	34
112	Optical and structural studies of a two-dimensional organic Mott insulator dimethylphenazine-tetrafluorotetracyanoquinodimethane. Physical Review B, 2011, 84, .	1.1	4
113	Discrimination between photodoping and heat-induced magnetization changes in $\text{Nd}_{1-x}\text{Pr}_x\text{NiO}_2$. Physical Review B, 2010, 82, .	1.1	4
114	Water-vapor-induced Reversible Switching of Electronic States in an MMX -Type Chain Complex with Retention of Single Crystallinity. Angewandte Chemie - International Edition, 2010, 49, 552-555.	7.2	23
115	Ultrafast charge dynamics in organic one-dimensional Mott insulators. Physica B: Condensed Matter, 2010, 405, S357-S359.	1.3	6
117	Peculiar electric-field-induced metastable state of charge-ordered molecular conductor $\hat{1}^2$ -(meso-DMBEDT-TTF)2PF6. Physica B: Condensed Matter, 2010, 405, S37-S40.	1.3	3
118	Direct Detection of the Ultrafast Response of Charges and Molecules in the Photoinduced Neutral-to-Ionic Transition of the Organic Tetrathiafulvalene-chloranil Solid. Physical Review Letters, 2010, 105, 258302.	2.9	64
119	Ultrafast photoinduced transitions in charge density wave, Mott insulator, and metallic phases of an iodine-bridged platinum compound. Physical Review B, 2010, 82, .	1.1	95
120	Controlling "Mottness" in a Correlated Electron System via Coherent Vibrational Excitation. , 2010, , .		0
121	Probing Charge-Lattice-Coupled Fluctuations in Organic Quantum Paraelectrics. JPSJ News and Comments, 2010, 7, 06.	0.2	0
122	Quantum Interference between Photo-Excited States in a Solid-State Mott Insulator. , 2010, , .		0
123	Detecting charge and lattice dynamics in photoinduced charge-order melting in perovskite-type manganites using a 30-femtosecond time resolution. Physical Review B, 2009, 79, .	1.1	34
124	Ultrafast polarization and magnetization response of multiferroic GaFeO_3 time-resolved nonlinear optical techniques. Physical Review B, 2009, 79, .	1.1	20
125	Ultrafast photoinduced transitions in charge density wave, Mott insulator, and metallic phases of an iodine-bridged platinum compound. Physical Review B, 2009, 79, .	1.1	26
126	Ferroelectric nature and real-space observations of domain motions in the organic charge-transfer compound tetrathiafulvalene-chloranil. Physical Review B, 2009, 80, .	1.1	27

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127	Subpicosecond coherent nonlinear optical response of isolated single-walled carbon nanotubes. <i>Physical Review B</i> , 2009, 80, .	1.1	6
128	Resonance Balance Shift in Stacks of Delocalized Singlet Biradicals. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5482-5486.	7.2	140
129	Direct Synthesis and Crystal Structure of Dehydrated State in Vapochromic MMX-type Quasi-One-Dimensional Iodide-Bridged Platinum Complexes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009, 19, 85-90.	1.9	14
130	Effect of an In-Plane Ligand on the Electronic Structures of Bromo-Bridged Nano-Wire Ni ^{II} /Pd Mixed-Metal Complexes, [Ni ^{II} xPd _x (bn) ₂ Br] ₂ (bn = 2S,3S-Diaminobutane). <i>Inorganic Chemistry</i> , 2009, 48, 7446-7451.	1.9	4
131	Submicron-scale spatial feature of ultrafast photoinduced magnetization reversal in TbFeCo thin film. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	61
132	Two-photon excited states in charge-transfer type conjugated polymers. <i>Synthetic Metals</i> , 2009, 159, 868-870.	2.1	9
133	Ultrafast optical responses in one-dimensional Mott insulators of halogen-bridged Ni compounds. <i>Journal of Physics: Conference Series</i> , 2009, 148, 012011.	0.3	0
134	A Key for Photoinduced Insulator→Metal Transitions in Manganites: Lattice Constant Matching between Charge/Orbital Ordered Insulator and Ferromagnetic Metal. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 023707.	0.7	8
135	Ultrafast polarization and magnetization dynamics in a multiferroic GaFeO ₃ . <i>Journal of Physics: Conference Series</i> , 2009, 148, 012015.	0.3	1
136	Probing strongly correlated electron dynamics on extreme timescales. <i>Journal of Physics: Conference Series</i> , 2009, 148, 012018.	0.3	0
137	Ultrafast photoinduced melting of spin-Peierls phase in potassium-tetracyanoquinodimethane. <i>Journal of Physics: Conference Series</i> , 2009, 148, 012012.	0.3	0
138	Clocking the Collapse of a Mott Gap. <i>Springer Series in Chemical Physics</i> , 2009, , 167-169.	0.2	1
139	One-Dimensional Bromo-Bridged Ni ^{III} Complexes [Ni(S,S'-bn) ₂ Br] ₂ (S,S'-bn = 2S,3S-Diaminobutane): Synthesis, Physical Properties, and Electrostatic Carrier Doping. <i>Chemistry - A European Journal</i> , 2008, 14, 472-477.	1.7	27
140	Three-Dimensionally Ordered CDW State in Quasi-One-Dimensional Iodo-Bridged Dinuclear Platinum Mixed-Valence Compounds, A ₄ [Pt ₂ l(pop) ₄] _n H ₂ O (A = Aromatic Ammonium) <i>Tj ETQq 0 0 rgBT /Overl</i>	1.0	10
141	Thermochromism in an organic crystal based on the coexistence of <i>f</i> - and <i>l</i> -dimers. <i>Nature Materials</i> , 2008, 7, 48-51.	13.3	216
142	Charge-Density-Wave to Mott-Hubbard Phase Transition in Quasi-One-Dimensional Bromo-Bridged Pd Compounds. <i>Journal of the American Chemical Society</i> , 2008, 130, 12080-12084.	6.6	79
143	Electronic Structure of Co ^{III} Doped Bromo-Bridged Ni Complexes, [Ni _{1-x} Co _x (chxn) ₂ Br] ₂ . <i>Inorganic Chemistry</i> , 2008, 47, 1949-1952.	1.9	2
144	Mixed Charge-Ordering State of MMX-Type Quasi-One-Dimensional Iodide-Bridged Platinum Complexes with Binary Counteranions. <i>Journal of the American Chemical Society</i> , 2008, 130, 17668-17669.	6.6	26

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145	Ultrafast photoinduced ferromagnetism in the perovskite manganite Gd _{0.55} Sr _{0.45} MnO ₃ . Journal of Applied Physics, 2008, 103, 07B110.	1.1	6
146	Ultrafast Charge Dynamics in One-Dimensional Organic Mott Insulators. Journal of the Physical Society of Japan, 2008, 77, 113714.	0.7	34
147	Photoinduced switching between charge and orbital ordered insulator and ferromagnetic metal in perovskite manganites. Physical Review B, 2008, 77, .	1.1	35
148	Continuous control of third-order optical nonlinearity in charge-transfer-type conjugated polymers. Applied Physics Letters, 2008, 92, .	1.5	13
149	Ultrafast Optical Responses in a One-Dimensional Mott Insulator of a Br-Bridged Ni Compound. Journal of the Physical Society of Japan, 2008, 77, 023711.	0.7	12
150	Ultrafast Spin Dynamics in the Perovskite Manganite Gd _{0.55} Sr _{0.45} MnO ₃ . Journal of the Magnetics Society of Japan, 2008, 32, 275-279.	0.5	0
151	Ultrafast Photoinduced Formation of Metallic State in a Perovskite-type Manganite with Short Range Charge and Orbital Order. Journal of the Physical Society of Japan, 2007, 76, 043702.	0.7	42
152	Ultrafast photoinduced melting of spin-Peierls phase in the organic charge-transfer compounds alkali-tetracyanoquinodimethane. Physical Review B, 2007, 76, .	1.1	35
153	Photoinduced Metallic State Mediated by Spin-Charge Separation in a One-Dimensional Organic Mott Insulator. Physical Review Letters, 2007, 98, 037401.	2.9	145
154	Photoinduced Melting of a Stripe-Type Charge-Order and Metallic Domain Formation in a Layered BEDT-TTF-Based Organic Salt. Physical Review Letters, 2007, 98, 097402.	2.9	133
155	Tuning of Electronic Structures of Quasi-One-Dimensional Bromo-Bridged PdII μ -PdIVMixed-Valence Complexes by Substituting Counter Anions. Bulletin of the Chemical Society of Japan, 2007, 80, 189-191.	2.0	3
156	Photosensitive Function of Encapsulated Dye in Carbon Nanotubes. Journal of the American Chemical Society, 2007, 129, 4992-4997.	6.6	123
157	Why Does the Disorder of R-pn and rac-pn Ligands in the Quasi-One-Dimensional Bromo-Bridged NiIII Complexes, [Ni(pn) ₂ Br]Br ₂ (pn = 1,2-diaminopropane) Afford Similar STM Patterns?. Inorganic Chemistry, 2007, 46, 7410-7413.	1.9	3
158	Ultrafast Photoinduced Insulator-Ferromagnet Transition in the Perovskite Manganite $\text{Gd}_{0.55}\text{Sr}_{0.45}\text{MnO}_3$ Physical Review Letters, 2007, 99, 207401.	2.9	96
159	Optical Control of the Magnetic Anisotropy of Ferromagnetic Bilayered Manganites. Physical Review Letters, 2007, 98, 017402.	2.9	16
160	Ultrafast Optical Switching by using Nanocrystals of a Halogen μ -Bridged Nickel μ -Chain Compound Dispersed in an Optical Polymer. Advanced Materials, 2007, 19, 2707-2710.	11.1	56
161	Optical Stark Effect of Exciton in Semiconducting Single-Walled Carbon Nanotubes. Japanese Journal of Applied Physics, 2006, 45, L513-L515.	0.8	4
162	Coherent Control of Charge and Lattice Dynamics in a Photoinduced Neutral-to-Ionic Transition of a Charge-Transfer Compound. Physical Review Letters, 2006, 96, 057403.	2.9	63

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163	Dynamical Valence Fluctuation at the Charge-Density-Wave Phase Boundary in Iodide-Bridged Pt Compound [Pt(chxn)2]I2. <i>Journal of the American Chemical Society</i> , 2006, 128, 6420-6425.	6.6	34
164	Ultrafast Photoconversion from Charge Density Wave State to Mott-Hubbard State in One-Dimensional Extended Peierls-Hubbard System of Br-Bridged Pd Compound. <i>Journal of the Physical Society of Japan</i> , 2006, 75, 123701.	0.7	27
165	Versatile Vapochromic Behavior Accompanied by a Phase Change between Charge-Polarization State and Charge-Density-Wave State in a Quasi-One-Dimensional Iodo-Bridged Dinuclear Platinum Mixed-Valence Compound, [NH3(CH2)5NH3]2[Pt2(pop)4]·4H2O. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 1404-1406.	2.0	14
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