

# Koichiro Tanaka

## List of Publications by Year in descending order

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324  
papers

10,160  
citations

38742

50  
h-index

38395

95  
g-index

358  
all docs

358  
docs citations

358  
times ranked

8650  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Order Harmonic Generation and Its Unconventional Scaling Law in the Mott-Insulating $\text{Ca}^{2+}$ Physical Review Letters, 2022, 128, 127401.	7.8	30
2	Excitation polarization-independent photo-induced restoration of inversion symmetry in Td-WTe <sub>2</sub> . AIP Advances, 2022, 12, .	1.3	1
3	Real-Time Megapixel Electro-Optical Imaging of THz Beams with Probe Power Normalization. Sensors, 2022, 22, 4482.	3.8	5
4	Passive mode-locking and terahertz frequency comb generation in resonant-tunneling-diode oscillator. Nature Communications, 2022, 13, .	12.8	5
5	Dynamical visualization of anisotropic electromagnetic re-emissions from a single metal micro-helix at THz frequencies. Scientific Reports, 2021, 11, 3310.	3.3	5
6	Injection locking and noise reduction of resonant tunneling diode terahertz oscillator. APL Photonics, 2021, 6, .	5.7	10
7	Visualization of two-dimensional transition dipole moment texture in momentum space using high-harmonic generation spectroscopy. Physical Review B, 2021, 103, .	3.2	25
8	High-harmonic generation in monolayer WSe <sub>2</sub> under photo-carrier doping. , 2021, , .		0
9	High harmonic generation from low dimensional materials. , 2021, , .		0
10	Broadband sum frequency generation spectroscopy of dark exciton states in hBN-encapsulated monolayer WSe <sub>2</sub> . Optics Express, 2021, 29, 24629.	3.4	6
11	Role of dark exciton states in the relaxation dynamics of bright 1s excitons in monolayer WSe <sub>2</sub> . Applied Physics Letters, 2021, 119, .	3.3	4
12	Dynamical Collectivity and Nuclear Quantum Effects on the Intermolecular Stretching Mode of Liquid Water. Journal of Physical Chemistry B, 2021, 125, 1632-1639.	2.6	3
13	Rotational symmetry breaking on the Rydberg energy spectrum of indirect excitons in diamond studied by terahertz time-domain spectroscopy. Physical Review B, 2021, 104, .	3.2	1
14	THz near-field characterization of printed electronics V-shape antennas. , 2021, , .		0
15	Control of High-Harmonic Generation by Tuning the Electronic Structure and Carrier Injection. Nano Letters, 2020, 20, 6215-6221.	9.1	20
16	Dynamical symmetry of strongly light-driven electronic system in crystalline solids. Communications Physics, 2020, 3, .	5.3	10
17	Study of detailed balance between excitons and free carriers in diamond using broadband terahertz time-domain spectroscopy. Applied Physics Letters, 2020, 116, .	3.3	16
18	Transfer of orbital angular momentum of light to plasmonic excitations in metamaterials. Science Advances, 2020, 6, eaay1977.	10.3	43

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19	Inherent limit to coherent phonon generation under nonresonant light-field driving. <i>Physical Review B</i> , 2020, 101, .	3.2	4
20	Observation of an exotic state of water in the hydrophilic nanospace of porous coordination polymers. <i>Communications Chemistry</i> , 2020, 3, .	4.5	12
21	Near-field THz imaging of a printed metallic checkerboard pattern. , 2020, , .		0
22	Photo-carrier doping effect on high-order harmonic generation in monolayer WSe <sub>2</sub> . , 2020, , .		0
23	Fine structure of excitonic excited states in diamond studied by broadband terahertz time-domain spectroscopy. , 2020, , .		0
24	Interband resonant high-harmonic generation by valley polarized electron-hole pairs. <i>Nature Communications</i> , 2019, 10, 3709.	12.8	100
25	Characterization of Thin Film Materials Using Near Field THz Imaging. , 2019, , .		0
26	Structural colour using organized microfibrillation in glassy polymer films. <i>Nature</i> , 2019, 570, 363-367.	27.8	126
27	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
28	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.	1.6	12
29	Site-dependence of relationships between photoluminescence and applied electric field in monolayer and bilayer molybdenum disulfide. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 015001.	1.5	1
30	Special issue on ultrafast spectroscopy: fundamentals. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 010201.	1.5	0
31	Lattice phonon modes of the spin crossover crystal [Fe(phen) <sub>2</sub> (NCS) <sub>2</sub> ] studied by THz, IR, Raman spectroscopies and DFT calculations. <i>European Physical Journal B</i> , 2019, 92, 1.	1.5	47
32	Characterization of thin-film optical properties by THz near-field imaging method. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 2593.	2.1	14
33	Extreme nonlinear optics in two dimensional materials. , 2019, , .		0
34	Coherent detection of THz-induced sideband emission from excitons in the nonperturbative regime. <i>Physical Review B</i> , 2018, 97, .	3.2	3
35	Coexistence of Kosmotropic and Chaotropic Impacts of Urea on Water As Revealed by Terahertz Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1268-1277.	2.6	16
36	Extreme Nonlinear Optics in Transition Metal Dichalcogenide Monolayers. , 2018, , .		0

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37	Reconsideration of the relaxational and vibrational line shapes of liquid water based on ultrabroadband dielectric spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 26200-26209.	2.8	28
38	High-Order Sideband Generation Under Circularly Polarized Light Excitation in Monolayer Transition Metal Dichalcogenides. , 2018, , .		0
39	Superradiance-to-Polariton Crossover of Wannier Excitons with Multiple Resonances. <i>Physical Review Letters</i> , 2018, 121, 173604.	7.8	9
40	Zener Tunneling Breakdown in Phase-Change Materials Revealed by Intense Terahertz Pulses. <i>Physical Review Letters</i> , 2018, 121, 165702.	7.8	17
41	Nonlocal optical response of weakly confined excitons in $\text{Cu}_2\text{O}$ mesoscopic films. <i>Physical Review B</i> , 2018, 97, .	3.2	16
42	Terahertz microscopy assisted by semiconductor nonlinearities. <i>Optics Letters</i> , 2018, 43, 4997.	3.3	9
43	High impact ionization rate in silicon by sub-picosecond THz electric field pulses (Conference) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T		
44	High-harmonic generation in graphene enhanced by elliptically polarized light excitation. <i>Science</i> , 2017, 356, 736-738.	12.6	460
45	Light-induced electron localization in a quantum Hall system. <i>Nature Physics</i> , 2017, 13, 688-692.	16.7	6
46	Raman-like resonant secondary emission causes valley coherence in CVD-grown monolayer $\text{MoS}_2$ . <i>Physical Review B</i> , 2017, 95, .	3.2	7
47	Impact ionization dynamics in silicon by MV/cm THz fields. <i>New Journal of Physics</i> , 2017, 19, 123018.	2.9	35
48	Real-time visualization of cardiac cell beating behaviour on polymer diffraction gratings. <i>RSC Advances</i> , 2017, 7, 51121-51129.	3.6	9
49	Ultrafast Control of the Polarity of $\text{BiCoO}_3$ by Orbital Excitation as Investigated by Femtosecond Spectroscopy. <i>Physical Review Applied</i> , 2017, 7, .	3.8	20
50	Focusing light with orbital angular momentum by circular array antenna. <i>Optics Express</i> , 2017, 25, 13728.	3.4	29
51	Subcycle control of optical response by using a terahertz excitonic dressed state. , 2017, , .		0
52	Guest Editorial Introduction to the Special Issue on Terahertz Near-Field Microscopy and Applications. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2016, 6, 353-355.	3.1	0
53	Nonlinear magnetization dynamics of antiferromagnetic spin resonance induced by intense terahertz magnetic field. <i>New Journal of Physics</i> , 2016, 18, 013045.	2.9	63
54	Subcycle Optical Response Caused by a Terahertz Dressed State with Phase-Locked Wave Functions. <i>Physical Review Letters</i> , 2016, 117, 277402.	7.8	29

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55	Higher-order harmonic generation caused by elliptically polarized electric fields in solid-state materials. <i>Physical Review B</i> , 2016, 94, .	3.2	28
56	Infrared spectroscopy of water molecules in porous coordination polymer. , 2016, , .		0
57	THz-induced ultrafast modulation of NIR refractive index of silicon. , 2016, , .		0
58	Observation and control of spoof localized surface plasmons using terahertz near-field microscope. , 2016, , .		0
59	Phase-sensitive observation of THz-dressed exciton. , 2016, , .		0
60	Control of spoof localized surface plasmons by vortex of light in terahertz region. , 2016, , .		1
61	Dynamical Nonlinear Interactions of Solids with Strong Terahertz Pulses. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 082001.	1.6	24
62	Ordering phenomena of high-spin/low-spin states in stepwise spin-crossover materials described by the ANNNI model. <i>Physical Review B</i> , 2016, 93, .	3.2	52
63	Diabatic Mechanisms of Higher-Order Harmonic Generation in Solid-State Materials under High-Intensity Electric Fields. <i>Physical Review Letters</i> , 2016, 116, 016601.	7.8	110
64	Exciton lifetime and diffusion length in high-purity chemical-vapor-deposition diamond. <i>Diamond and Related Materials</i> , 2016, 63, 47-50.	3.9	16
65	Improving time and space resolution in electro-optic sampling for near-field terahertz imaging. <i>Optics Letters</i> , 2016, 41, 4645.	3.3	40
66	Adaptable Ultraviolet Reflecting Polymeric Multilayer Coatings of High Refractive Index Contrast. <i>Advanced Optical Materials</i> , 2015, 3, 1633-1639.	7.3	16
67	Ultrahigh exciton diffusion in intrinsic diamond. <i>Physical Review B</i> , 2015, 92, .	3.2	11
68	Time-resolved observation of coherent excitonic nonlinear response with a table-top narrowband THz pulse wave. <i>Applied Physics Letters</i> , 2015, 107, 221106.	3.3	15
69	Visualization and Manipulation of Terahertz Light in the Near-Field. , 2015, , .		2
70	Ultrafast carrier relaxation through Auger recombination in the topological insulator		
70	$B^i$	3.2	24
71	Authors' reply re: Intake of dairy products and calcium and prevalence of depressive symptoms during pregnancy in Japan: a cross-sectional study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015, 122, 586-587.	2.3	1
72	High-Voltage Breakdown and the Gunn Effect in GaAs/AlGaAs Nanoconstrictions. <i>IEEE Nanotechnology Magazine</i> , 2015, 14, 524-530.	2.0	2

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73	Time-resolved observation of excitonic dynamics under coherent terahertz excitation in GaAs quantum wells. , 2015, , .		0
74	Breaking Bullseye's Symmetry for Axial Field Focusing. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 455-460.	2.2	0
75	Terahertz Nonlinear Magnetic Response in Antiferromagnets. , 2015, , .		0
76	Hydration state inside HeLa cell monolayer investigated with terahertz spectroscopy. Applied Physics Letters, 2015, 106, .	3.3	44
77	Strong Terahertz-Field Effect on Electron-Hole System in Quantum Wells. , 2015, , .		0
78	Terahertz near-field phase contrast imaging. , 2014, , .		0
79	Generation of high power terahertz pulse using tilted wavefront technique and its prospectus in non linear terahertz spectroscopy and three-dimensional computed tomography. , 2014, , .		1
80	Probing Hydration Dynamics of Metal-Organic Frameworks by Broadband THz Pulses. , 2014, , .		0
81	Terahertz phase contrast imaging of sorption kinetics in porous coordination polymer nanocrystals using differential optical resonator. Optics Express, 2014, 22, 11061.	3.4	3
82	Terahertz near-field imaging for fractal metallic structures. , 2014, , .		0
83	Antiferromagnetic resonance excitation by terahertz magnetic field resonantly enhanced with split ring resonator. Applied Physics Letters, 2014, 105, .	3.3	44
84	Cooperativity between Water and Lipids in Lamellar to Inverted-Hexagonal Phase Transition. Journal of the Physical Society of Japan, 2014, 83, 044801.	1.6	25
85	Relaxation of localized excitons by phonon emission at oxygen vacancies in Cu <sub>2</sub> O. Journal of Luminescence, 2014, 155, 65-69.	3.1	13
86	Focus on nonlinear terahertz studies. New Journal of Physics, 2014, 16, 045016.	2.9	27
87	Electronic Structure of Ilmenite and Ilmenite-Hematite Solid Solution Using Hard X-Ray Photoemission Spectroscopy. Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2014, 61, S57-S59.	0.2	0
88	Resonant antiferromagnetic spin wave excitation by terahertz magnetic near-field with split ring resonator. , 2014, , .		0
89	Terahertz-Induced Optical Emission of Photoexcited Undoped GaAs Quantum Wells. Physical Review Letters, 2013, 111, 067401.	7.8	16
90	Resonant and nonresonant control over matter and light by intense terahertz transients. Nature Photonics, 2013, 7, 680-690.	31.4	803

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91	Biexciton state causes photoluminescence fluctuations in CdSe/ZnS core/shell quantum dots at high photoexcitation densities. <i>Physical Review B</i> , 2013, 88, .	3.2	13
92	THz near-field distribution of fractal antenna. , 2013, , .		0
93	Terahertz response of low-OH synthetic silica glass probed by a broadband plasma source. , 2013, , .		0
94	High-power terahertz pulse generation and application to nonlinear spectroscopy. , 2013, , .		0
95	Biocompatible fluorescent silicon nanocrystals for single-molecule tracking and fluorescence imaging. <i>Journal of Cell Biology</i> , 2013, 202, 967-983.	5.2	48
96	Correlated lifetimes of free paraexcitons and excitons trapped at oxygen vacancies in cuprous oxide. <i>Journal of Luminescence</i> , 2013, 134, 524-527.	3.1	19
97	Nonlinear Optical Phenomena Induced by Intense Single-Cycle Terahertz Pulses. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2013, 19, 8401110-8401110.	2.9	26
98	Terahertz full horn-antenna characterization. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	8
99	Real-Time, Subwavelength Terahertz Imaging. <i>Annual Review of Materials Research</i> , 2013, 43, 237-259.	9.3	70
100	Competing Symmetry Breaking and Spin Crossover in $[\text{FeH}_2\text{L}^{\text{sup}}_2\text{Me}^{\text{sup}}](\text{ClO}_4)_2$ . <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 710-715.	2.0	12
101	Dissipative structure in the photo-induced phase under steady light irradiation in the spin crossover complex. <i>Optics Express</i> , 2013, 21, 31179.	3.4	2
102	Photoluminescence flash induced by intense single-cycle terahertz pulses in undoped GaAs quantum wells. , 2013, , .		0
103	Electric field ionization of gallium acceptors in germanium induced by single-cycle terahertz pulses. <i>Physical Review B</i> , 2013, 87, .	3.2	22
104	Resonant creation of indirect excitons in diamond at the phonon-assisted absorption edge. <i>Europhysics Letters</i> , 2013, 104, 47012.	2.0	10
105	High-power THz pulse generation and nonlinear THz spectroscopy. , 2013, , .		0
106	Near-field terahertz imaging of a discontinuity in split ring resonator array. <i>EPJ Web of Conferences</i> , 2013, 41, 09006.	0.3	1
107	Nonlinear Terahertz Spectroscopy in Solids with Single-Cycle Terahertz Pulses. <i>EPJ Web of Conferences</i> , 2013, 41, 09015.	0.3	0
108	Biocompatible fluorescent silicon nanocrystals for single-molecule tracking and fluorescence imaging. <i>Journal of General Physiology</i> , 2013, 142, 1424OIA31.	1.9	0

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109	Long-range hydration state of lipid bilayer studied by THz spectroscopy. Proceedings of SPIE, 2012, , .	0.8	0
110	Terahertz spectroscopy of the reactive and radiative near-field zones of split ring resonator. Optics Express, 2012, 20, 19395.	3.4	24
111	Ferroelectric Soft Mode in a $\text{SrTiO}_3$ Thin Film Impulsively Driven to the Anharmonic Regime Using Intense Picosecond Terahertz Pulses. Physical Review Letters, 2012, 108, 097401.	7.8	140
112	Single-cycle terahertz pulses with amplitudes exceeding 1 MV/cm generated by optical rectification in LiNbO <sub>3</sub> and applications to nonlinear optics. Proceedings of SPIE, 2012, , .	0.8	1
113	Ultrafast Carrier Dynamics in Graphene under a High Electric Field. Physical Review Letters, 2012, 109, 166603.	7.8	126
114	Transition of the hydration state of a surfactant accompanying structural transitions of self-assembled aggregates. Journal of Physics Condensed Matter, 2012, 24, 284113.	1.8	21
115	Aperiodic Spin State Ordering of Bistable Molecules and Its Photoinduced Erasing. Physical Review Letters, 2012, 109, 257206.	7.8	55
116	Pharmacokinetics (PK) and Safety of Tese taxel, a Novel Oral Taxane, in Japanese Patients (PTS) with Advanced Solid Tumors. Annals of Oncology, 2012, 23, ix167.	1.2	1
117	Phase transition behavior in the mixed crystal of pristine and mono-methyl substituted EDO-TTF. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1155-1157.	0.8	1
118	High-Power Terahertz Pulse Generation and Nonlinear Terahertz Spectroscopy. The Review of Laser Engineering, 2012, 40, 480.	0.0	0
119	Ultrafast dynamics of soft phonon modes in perovskite dielectrics observed by coherent phonon spectroscopy. Physical Review B, 2011, 83, .	3.2	9
120	Extraordinary carrier multiplication gated by a picosecond electric field pulse. Nature Communications, 2011, 2, 594.	12.8	182
121	Mimicking electromagnetically induced transparency by spoof surface plasmons. Physical Review B, 2011, 84, .	3.2	29
122	Photo-designed terahertz devices. Scientific Reports, 2011, 1, 121.	3.3	52
123	Photo-Control of Excitation Waves in Cardiomyocyte Tissue Culture. Tissue Engineering - Part A, 2011, 17, 2703-2711.	3.1	13
124	Real-time terahertz near-field microscope. Optics Express, 2011, 19, 8277.	3.4	126
125	THz Nonlinear Spectroscopy of Solids. IEEE Transactions on Terahertz Science and Technology, 2011, 1, 301-312.	3.1	103
126	Extremely Thin Metamaterial as Slab Waveguide at Terahertz Frequencies. IEEE Transactions on Terahertz Science and Technology, 2011, 1, 441-449.	3.1	19



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127	Water Dynamics and Hydration Effects in Water Solutions Studied by THz Time-Domain Attenuated Total Reflection Spectroscopy. Hyomen Kagaku, 2011, 32, 785-791.	0.0	0
128	Photoinduced Dynamics in Pure and Ca-Doped SrTiO <sub>3</sub> Studied by Transient Birefringence and Absorption Measurements. Journal of the Physical Society of Japan, 2011, 80, 104605.	1.6	1
129	Extraordinary carrier multiplication in GaAs MQWs induced by intense terahertz pulse. , 2011, , .		0
130	Single-cycle terahertz pulses with amplitudes exceeding 1 MV/cm generated by optical rectification in LiNbO <sub>3</sub> . Applied Physics Letters, 2011, 98, .	3.3	711
131	Non-linear terahertz spectroscopy of accepters in p-Ge. , 2011, , .		0
132	Near-field THz imaging of a split ring resonator matrix. , 2011, , .		0
133	Terahertz-wave induced near-infrared transparency in graphene. , 2011, , .		0
134	Improving Spatial Resolution of Real-Time Terahertz Near-Field Microscope. Journal of Infrared, Millimeter, and Terahertz Waves, 2011, 32, 1043-1051.	2.2	9
135	Postâ€Crystal Engineering of Zincâ€Substituted Myoglobin to Construct a Longâ€Lived Photoinduced Chargeâ€Separation System. Angewandte Chemie - International Edition, 2011, 50, 4849-4852.	13.8	58
136	Dynamical separation of spin and lattice degrees of freedom in the relaxation process from the photo-induced state. Europhysics Letters, 2011, 96, 17004.	2.0	12
137	Long-Range Hydration Effect of Lipid Membrane Studied by Terahertz Time-Domain Spectroscopy. Physical Review Letters, 2011, 106, 158102.	7.8	113
138	Highly Efficient Carrier Multiplication and Bright Exciton Luminescence under Intense Terahertz Pulse. , 2011, , .		0
139	Highly Efficient Carrier Multiplication and Bright Exciton Luminescence under Intense Terahertz Pulse. , 2011, , .		0
140	Highly Efficient Carrier Multiplication and Bright Exciton Luminescence under Intense Terahertz Pulse. , 2011, , .		0
141	OP32.01: Ultrasonographical measurement of obstetric conjugate length. Ultrasound in Obstetrics and Gynecology, 2010, 36, 144-145.	1.7	0
142	Dynamical Franzâ€Keldysh effect in GaAs/AlGaAs multiple quantum wells induced by single-cycle terahertz pulses. Applied Physics Letters, 2010, 97, .	3.3	35
143	Nanoscale Selfâ€Hosting of Molecular Spinâ€States in the Intermediate Phase of a Spinâ€Crossover Material. Chemistry - A European Journal, 2010, 16, 14060-14068.	3.3	55
144	The effect of a methyl group incorporated in EDO-TTF. Physica B: Condensed Matter, 2010, 405, S75-S78.	2.7	0

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145	Metal-insulator transition of alloyed radical cation salts, (Me EDO-TTF) <sub>2</sub> PF <sub>6</sub> . Physica B: Condensed Matter, 2010, 405, S45-S48.	2.7	1
146	Ladder Climbing on the Anharmonic Intermolecular Potential in an Amino Acid Microcrystal via an Intense Monocycle Terahertz Pulse. Physical Review Letters, 2010, 105, 203003.	7.8	87
147	Dynamical Franz-Keldysh effect in GaAs induced by monocycle terahertz pulse. , 2010, , .		0
148	Excitonic interactions with intense terahertz pulses in ZnSe/ZnMgSSe multiple quantum wells. Physical Review B, 2010, 81, .	3.2	74
149	Enhancement of THz field in a gap of dipole antenna. , 2010, , .		2
150	THz nonlinearity of water observed with intense THz pulses. , 2010, , .		0
151	Near-field THz imaging of free induction decay from a tyrosine crystal. Optics Express, 2010, 18, 18419.	3.4	41
152	Direct creation of a photoinduced metallic structure and its optical properties in the terahertz frequency region. Optics Letters, 2010, 35, 1719.	3.3	18
153	Tuning of Multi-Instabilities in Organic Alloy, [(EDO-TTF) <sub>1-x</sub> (MeEDO-TTF) <sub>x</sub> ] <sub>2</sub> PF <sub>6</sub> . Chemistry of Materials, 2010, 22, 3121-3132.	6.7	14
154	Modification of Porous Protein Crystals in Development of Biohybrid Materials. Bioconjugate Chemistry, 2010, 21, 264-269.	3.6	34
155	Doping-induced ferroelectric phase transition in strontium titanate: Observation of birefringence and coherent phonons under ultraviolet illumination. Physical Review B, 2010, 81, .	3.2	6
156	Transmission properties of surface plasmon polaritons and localized resonance in semiconductor hole arrays. Applied Physics Letters, 2010, 97, 261111.	3.3	9
157	Water molecules driven by intense THz pulses. , 2010, , .		0
158	Nonlinear THz Spectroscopy on the Dielectric Thin Films. , 2010, , .		0
159	Nonperturbative Excitonic Interaction with Intense THz Pulses in ZnSe/ZnMgSSe Multiple Quantum Wells. , 2010, , .		0
160	Temporal decoupling of spin and crystallographic phase transitions in $Fe$ . Physical Review B, 2009, 79, .	3.2	17
161	Hydration structure of 2-butoxyethanol monomer and micelle in solution. , 2009, , .		0
162	Terahertz nonlinear transmission spectroscopy of amino-acid microcrystals. , 2009, , .		0

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163	STUDY OF LOW-LYING STATES IN $^{32}\text{Mg}$ . International Journal of Modern Physics E, 2009, 18, 2025-2029.	1.0	0
164	Photo-induced changes in charge-ordered state of $\text{Ti}_4\text{O}_7$ . Journal of Physics: Conference Series, 2009, 148, 012017.	0.4	4
165	Concerted Spin Crossover and Symmetry Breaking Yield Three Thermally and One Light-Induced Crystallographic Phases of a Molecular Material. Angewandte Chemie - International Edition, 2009, 48, 9304-9307.	13.8	95
166	Photo-induced effect in quantum paraelectric materials: Transient birefringence measurement. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 248-251.	0.8	1
167	The intermolecular stretching vibration mode in water isotopes investigated with broadband terahertz time-domain spectroscopy. Chemical Physics Letters, 2009, 473, 279-283.	2.6	107
168	Bidirectional photo-switching of the spin state of iron(II) ions in a triazol based spin crossover complex within the thermal hysteresis loop. Chemical Physics Letters, 2009, 477, 156-159.	2.6	42
169	Hydration structures of 2-butoxyethanol monomer and micelle in solution. Chemical Physics Letters, 2009, 477, 95-101.	2.6	20
170	Charge ordering state of mixed-valence $(\text{TP-EDTT})_3(\text{PF}_6)_2$ . Synthetic Metals, 2009, 159, 2381-2383.	3.9	3
171	Enhancement of terahertz wave generation by cascaded $\ddot{\Gamma}^2$ processes in $\text{LiNbO}_3$ . Journal of the Optical Society of America B: Optical Physics, 2009, 26, A101.	2.1	90
172	Terahertz reflection spectroscopy of Debye relaxation in polar liquids [Invited]. Journal of the Optical Society of America B: Optical Physics, 2009, 26, A113.	2.1	133
173	Periodic metallo-dielectric structure in diamond. Optics Express, 2009, 17, 46.	3.4	67
174	Broadband and high power terahertz pulse generation beyond excitation bandwidth limitation via $\ddot{\Gamma}^2$ cascaded processes in $\text{LiNbO}_3$ . Optics Express, 2009, 17, 11543.	3.4	49
175	Large Amplitude anharmonic vibrations driven by monocycle intense THz pulse. , 2009, , .		0
176	Re-investigation of the spin crossover phenomenon in the ferrous complex $[\text{Fe}(\text{HB}(\text{pz})_3)_2]$ . New Journal of Chemistry, 2009, 33, 1283.	2.8	63
177	Observation of coherent phonons in Ca-doped $\text{SrTiO}_3$ : Doping-induced ferroelectric phase transition and ultraviolet-illumination effect. Journal of Physics: Conference Series, 2009, 148, 012024.	0.4	1
178	The light-induced spin transition of tetranuclear spin crossover complex $[\text{Fe}_4(\text{CN})_4(\text{bpy})_4(\text{tpa})_2](\text{PF}_6)_4$ . Journal of Physics: Conference Series, 2009, 148, 012033.	0.4	7
179	On the Photomagnetic Properties of the Binuclear Spin Crossover Complexes $\{[\text{Fe}(\text{bt})(\text{NCSe})_2]_2(\text{bpym})\}$ and $\{[\text{Fe}(\text{bpym})(\text{NCSe})_2]_2(\text{bpym})\}$ . Journal of Inorganic and Organometallic Polymers and Materials, 2008, 18, 195-200.	3.7	10
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