

H Okamoto

List of Publications by Year in descending order

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386
papers

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28128

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94
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403
docs citations

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times ranked

12544
citing authors

#	ARTICLE	IF	CITATIONS
1	Destabilization of spin-Peierls phase via a charge-spin modulated Floquet state induced by intramolecular vibrational excitation. Communications Physics, 2024, 7, .	5.3	0
2	Search for resonant production of dark quarks in the dijet final state with the ATLAS detector. Journal of High Energy Physics, 2024, 2024, .	4.8	0
3	Gaze-Dependent Refresh Technique for a Low-Power VR System. , 2024, , .		0
4	Band transport evidence in PEDOT:PSS films using broadband optical spectroscopy from terahertz to ultraviolet region. Communications Materials, 2024, 5, .	7.2	1
5	The diversity of measures proscribed measures for offenders with mental health issues. Medica Jadertina, 2024, 54, 19-28.	0.0	0
6	Orbital hybridization of donor and acceptor to enhance the conductivity of mixed-stack complexes. Nature Communications, 2024, 15, .	13.2	1
7	Extraction of important degrees of freedom in quantum dynamics using singular value decomposition: Application to linear optical spectrum in two-dimensional Mott insulators. Physical Review B, 2024, 109, .	3.3	0
8	Two-step growth of high-quality single crystals of the Kitaev magnet RuCl_2 . Physical Review Materials, 2024, 8, .	2.5	0
9	IoT-Enabled Energy Management Solution Using Open IoT Gateway for Smart Grids. Lecture Notes in Networks and Systems, 2024, , 755-762.	0.0	0
10	Efficient Mott insulator-metal transition by an intense terahertz electric field pulse via quantum tunneling. Physical Review B, 2023, 107, .	3.3	3
11	Experimental verification of charge soliton excitations in the ionic Mott-Peierls ferroelectric TTF-CA. Physical Review B, 2023, 107, .	3.3	0
12	Metallic State of a Mixed-Sequence Oligomer Salt That Models Doped PEDOT Family. Journal of the American Chemical Society, 2023, 145, 15152-15161.	14.6	9
13	PINE-TREE enables highly efficient genetic modification of human cell lines. Molecular Therapy - Nucleic Acids, 2023, 33, 483-492.	5.1	2
14	Terahertz radiation by quantum interference of excitons in a one-dimensional Mott insulator. Nature Communications, 2023, 14, .	13.2	1
15	Dynamical aspects of excitonic Floquet states generated by a phase-locked mid-infrared pulse in a one-dimensional Mott insulator. New Journal of Physics, 2023, 25, 093044.	2.9	1
16	Detecting Magnetoelectric Effect in a Metallic Antiferromagnet via Nonreciprocal Rotation of Reflected Light. Physical Review Letters, 2023, 131, .	8.0	4
17	Phase 2 study of the HER2-targeting TLR7/8 immune stimulating antibody conjugate (ISAC) BDC-1001 monotherapy +/- nivolumab in patients with HER2+ colorectal, endometrial, or gastroesophageal cancer. , 2023, , .		0
18	Charge and Lattice Dynamics in Excitonic Insulator Ta ₂ NiSe ₅ Investigated Using Ultrafast Reflection Spectroscopy. Journal of the Physical Society of Japan, 2022, 91, .	1.6	7

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19	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, .	3.2	3
20	Noninfectious Pulmonary Toxicity after Allogeneic Hematopoietic Cell Transplantation. <i>Transplantation and Cellular Therapy</i> , 2022, 28, 310-320.	2.6	14
21	Phonon-dressed states in an organic Mott insulator. <i>Communications Physics</i> , 2022, 5, .	5.3	7
22	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.	5.2	4
23	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.	5.6	6
24	An Impedance Model of the High-Density Cultured Cells in a Bioreactor and the Cellular Impedance Detection Method. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 867-876.	0.0	0
25	Topological Excitations in Neutral-Ionic Transition Systems. <i>Symmetry</i> , 2022, 14, 925.	2.3	1
26	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.	4.2	11
27	Magnetically bound nature of a holon-doublon pair in two-dimensional photoexcited Mott insulators. <i>Physical Review B</i> , 2022, 106, .	3.3	1
28	Photoinduced Drude weights critically enhanced by charge fluctuations in a one-dimensional Mott insulator. <i>Physical Review B</i> , 2022, 106, .	3.3	0
29	Long non-coding RNA HCG18 promotes M1 macrophage polarization through regulating the miR-146a/TRAF6 axis, facilitating the progression of diabetic peripheral neuropathy. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 471-482.	3.1	30
30	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.	3.4	9
31	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, .	3.3	8
32	Terahertz-field-induced polar charge order in electronic-type dielectrics. <i>Nature Communications</i> , 2021, 12, 953.	13.2	11
33	Development of an atmospheric chemistry model coupled to the PALM model system 6.0: implementation and first applications. <i>Geoscientific Model Development</i> , 2021, 14, 1171-1193.	3.7	27
34	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.	1.6	5
35	Definition, Incidence, and Challenges for Assessment of Hyperprogressive Disease During Cancer Treatment With Immune Checkpoint Inhibitors. <i>JAMA Network Open</i> , 2021, 4, e211136.	6.0	51
36	Fate of soliton matter upon symmetry-breaking ferroelectric order. <i>Physical Review B</i> , 2021, 103, .	3.3	2

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37	Power Laws Derived from a Bayesian Decision-Making Model in Non-Stationary Environments. <i>Symmetry</i> , 2021, 13, 718.	2.3	2
38	Janus Photothermal Membrane as an Energy Generator and a Mass-Transfer Accelerator for High-Efficiency Solar-Driven Membrane Distillation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26861-26869.	8.3	39
39	Long Carbon-Carbon Bonding beyond 2 Å... in Tris(9-fluorenylidene)methane. <i>Journal of the American Chemical Society</i> , 2021, 143, 14360-14366.	14.6	26
40	Influence of the Titanium Inoculation on the Melting Behavior and Microstructure of Ni 620/X38CrMoV5-Brazing Joints. <i>Advanced Engineering Materials</i> , 2021, 23, 2100497.	3.5	2
41	Phase separation drives RNA virus-induced activation of the NLRP6 inflammasome. <i>Cell</i> , 2021, 184, 5759-5774.e20.	27.8	124
42	History of successful ageing. , 2021, , 3-8.		0
43	Ionic to neutral conversion induced by resonant excitation of molecular vibrations coupled to intermolecular charge transfer. <i>Physical Review Research</i> , 2021, 3, .	3.6	4
44	Ultrafast control of electronic states by a terahertz electric field pulse in the quasi-one-dimensional organic ferroelectric PbTiO_3 . <i>Physical Review B</i> , 2021, 104, .	3.3	2
45	Developing and maintaining intergenerational relationships in an economically vulnerable community: findings from the Flint women's study. <i>Journal of Women and Aging</i> , 2021, , 1-13.	1.1	0
46	Delayed Treatment (≥5 Days) by Flow Diversion of Ruptured Blister-Like Cerebral Aneurysms. <i>Clinical Neuroradiology</i> , 2020, 30, 287-296.	2.1	10
47	Integration of the Tumor Mutational Burden and Tumor Heterogeneity Identify an Immunological Subtype of Melanoma With Favorable Survival. <i>Frontiers in Oncology</i> , 2020, 10, 571545.	2.9	14
48	Impact of annealing temperature on resonance field, line-width, and anisotropy in Ni _{0.65} Zn _{0.35} Fe ₂ O ₄ . <i>AIP Conference Proceedings</i> , 2020, , .	1.0	3
49	Evaluations of nonlocal electron-phonon couplings in tetracene, rubrene, and C_{10} based on density functional theory. <i>Physical Review B</i> , 2020, 102, .	3.3	11
50	Observation of the Three-Dimensional Polarization Vector in Films of Organic Molecular Ferroelectrics Using Terahertz Radiation Emission. <i>Physical Review Applied</i> , 2020, 14, .	3.8	5
51	Ultrabosonic behavior in photoexcited one-dimensional Mott insulators in the region of weak intersite Coulomb interaction. <i>Physical Review B</i> , 2020, 102, .	3.3	2
52	Magneto-optical Kerr effect and signature of the chiral anomaly in a Weyl semimetal in magnetic field. <i>Physical Review B</i> , 2020, 102, .	3.3	10
53	Conductive zigzag Pd(Br) chain complex realized by a multiple-hydrogen-bond approach. <i>CrystEngComm</i> , 2020, 22, 3999-4004.	2.4	11
54	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.	5.2	21

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55	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, .	1.3	9
56	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.	8.0	5
57	A new method of Bayesian causal inference in non-stationary environments. <i>PLoS ONE</i> , 2020, 15, e0233559.	2.5	5
58	Neurofeedback: An Examination of Attentional Processes in Adults with Self-Reported PTSD Symptoms. <i>NeuroRegulation</i> , 2020, 7, 142-155.	1.3	1
59	Poland. , 2020, , 107-120.		0
60	Evaluating intrinsic mobility from transient terahertz conductivity spectra of microcrystal samples of organic molecular semiconductors. <i>Applied Physics Letters</i> , 2019, 115, .	3.2	4
61	Dimethyl Sulfoxide Leads to Decreased Osteogenic Differentiation of Stem Cells Derived from Gingiva via Runx2 and Collagen I Expression. <i>European Journal of Dentistry</i> , 2019, 13, 131-136.	1.8	8
62	In Addition to Poor Glycemic Control, a High Level of Irisin in the Plasma Portends Early Cognitive Deficits Clinically in Chinese Patients With Type 2 Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2019, 10, 634.	3.5	5
63	F ₁₀ -BINOL-derived chiral phosphoric acid-catalyzed enantioselective carbonyl-ene reaction: theoretical elucidation of stereochemical outcomes. <i>Chemical Science</i> , 2019, 10, 1426-1433.	7.8	30
64	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, .	3.3	2
65	Bormann effect in Laue diffraction in one-dimensional photonic crystals under a topological phase transition. <i>Physical Review B</i> , 2019, 99, .	3.3	5
66	Doublon-holon pairing mechanism via exchange interaction in two-dimensional cuprate Mott insulators. <i>Science Advances</i> , 2019, 5, eaav2187.	10.9	22
67	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.	3.4	6
68	Hysteretic Current-Voltage Characteristics in the Deuterium-Dynamics-Triggered Charge-Ordered Phase of ¹⁸ D ₃ (Cat-EDT-TTF) ₂ . <i>Journal of the Physical Society of Japan</i> , 2019, 88, 034710.	1.6	11
69	Large terahertz magnetization response in ferromagnetic nanoparticles. <i>Applied Physics Letters</i> , 2019, 114, .	3.2	9
70	P3779NT-proBNP adds incremental predictive information on incident atrial fibrillation in patients with asymptomatic aortic stenosis. <i>European Heart Journal</i> , 2019, 40, .	2.3	0
71	Validity of the Mott formula and the origin of thermopower in I^{\ominus} -conjugated semicrystalline polymers. <i>Physical Review B</i> , 2019, 100, .	3.3	27
72	The Winds and Currents Mission Concept. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	57

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73	Biexciton in one-dimensional Mott insulators. <i>Communications Physics</i> , 2019, 2, .	5.3	13
74	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, .	3.3	8
75	Topological charge transport by mobile dielectric-ferroelectric domain walls. <i>Science Advances</i> , 2019, 5, eaax8720.	10.9	12
76	Smallest Optical Gap for Pt(II)â€“Pt(IV) Mixed-Valence Ptâ€“Cl and Ptâ€“Br Chain Complexes Achieved by Using a Multiple-Hydrogen-Bond Approach. <i>Inorganic Chemistry</i> , 2019, 58, 114-120.	4.2	15
77	First International Consensus on the diagnosis and management of fibromuscular dysplasia. <i>Vascular Medicine</i> , 2019, 24, 164-189.	2.0	253
78	Laboratory management of Crimean-Congo haemorrhagic fever virus infections: perspectives from two European networks. <i>Eurosurveillance</i> , 2019, 24, .	7.4	30
79	Continuous manganese delivery via osmotic pumps for manganese-enhanced mouse MRI does not impair spatial learning but leads to skin ulceration. <i>NeuroImage</i> , 2018, 173, 411-420.	4.4	18
80	Terahertz radiation by subpicosecond spin-polarized photocurrent originating from Dirac electrons in a Rashba-type polar semiconductor. <i>Physical Review B</i> , 2018, 97, .	3.3	6
81	Energy deposition and neutron flux study in a gravity-driven dense granular target (DGT) with GEANT4 toolkit. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018, 427, 63-69.	1.4	7
82	Search for W^+W^-Z resonance production in \hat{q}, \hat{q}^2 final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.8	31
83	Structural Study of Bromideâ€“Bridged Pd Chain Complex with Weak CHâ€“O Hydrogen Bonds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 646-651.	1.3	4
84	Evidence for solitonic spin excitations from a charge-latticeâ€“coupled ferroelectric order. <i>Science Advances</i> , 2018, 4, eaau7725.	10.9	11
85	Probing ultrafast spin-relaxation and precession dynamics in a cuprate Mott insulator with seven-femtosecond optical pulses. <i>Nature Communications</i> , 2018, 9, 3948.	13.2	20
86	Ultrafast polarization control by terahertz fields via $\tilde{\epsilon}$ -electron wavefunction changes in hydrogen-bonded molecular ferroelectrics. <i>Scientific Reports</i> , 2018, 8, 15014.	3.4	12
87	Temporal interference effects in noncollinear and frequency-nondegenerate spontaneous parametric down-conversion. <i>Physical Review A</i> , 2018, 98, .	2.5	5
88	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.	1.6	9
89	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.	3.4	9
90	Revisited phase diagram on charge instability and lattice symmetry breaking in the organic ferroelectric $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \langle \text{mml:mtext} \rangle \text{TTF-QCl} \langle \text{mml:mtext} \rangle \langle \text{mml:mn} \rangle \frac{3}{4} \langle \text{mml:mfn} \rangle \frac{19}{2} \langle \text{mml:mtext} \rangle$ Physical Review B, 2018, 98, .	3.3	19

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91	PET neuroimaging reveals histone deacetylase dysregulation in schizophrenia. <i>Journal of Clinical Investigation</i> , 2018, 129, 364-372.	8.2	60
92	Die Europäische Union und China. , 2018, , 315-318.		0
93	Terahertz-Field-Induced Large Macroscopic Polarization and Domain-Wall Dynamics in an Organic Molecular Dielectric. <i>Physical Review Letters</i> , 2017, 118, 107602.	8.0	32
94	Ultrafast Photoinduced Electric-Polarization Switching in a Hydrogen-Bonded Ferroelectric Crystal. <i>Physical Review Letters</i> , 2017, 118, 107404.	8.0	28
95	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.	14.6	40
96	Association between fish consumption, dietary omega-3 fatty acids and persistent organic pollutants intake, and type 2 diabetes in 18 First Nations in Ontario, Canada. <i>Environmental Research</i> , 2017, 156, 725-737.	7.7	52
97	Mott transition by an impulsive dielectric breakdown. <i>Nature Materials</i> , 2017, 16, 1100-1105.	26.6	52
98	Near-infrared absorption of π -stacking columns composed of trioxotriangulene neutral radicals. <i>Npj Quantum Materials</i> , 2017, 2, .	5.2	57
99	Generation of a carrier-envelope-phase-stable femtosecond pulse at 10 μm by direct down-conversion from a Ti:sapphire laser pulse. <i>Applied Physics Express</i> , 2017, 10, 122701.	2.4	14
100	Visualization of a nonlinear conducting path in an organic molecular ferroelectric by using emission of terahertz radiation. <i>Physical Review B</i> , 2017, 95, .	3.3	11
101	Ultrafast Electron and Molecular Dynamics in Photoinduced and Electric-Field-Induced Neutral-Ionic Transitions. <i>Crystals</i> , 2017, 7, 132.	2.3	21
102	Barriers and facilitators to participation in physical activity: The experiences of a group of South African adolescents with cerebral palsy. <i>Journal of Health Psychology</i> , 2016, 21, 152-163.	2.5	35
103	1272 Effect of synchronizing, access to supplement, and grazing session on grazing behavior of early lactating dairy cows. <i>Journal of Animal Science</i> , 2016, 94, 614-614.	0.5	0
104	Novel electronic ferroelectricity in an organic charge-order insulator investigated with terahertz-pump optical-probe spectroscopy. <i>Scientific Reports</i> , 2016, 6, 20571.	3.4	32
105	Optically Visible Phase Separation between Mott-Hubbard and Charge-Density-Wave Domains in a Pd-Br Chain Complex. <i>ChemistrySelect</i> , 2016, 1, 259-263.	1.6	18
106	Intrinsic carrier scattering mechanism in anatase TiO_2 investigated by ultraviolet-pump terahertz-probe spectroscopy. <i>Physical Review B</i> , 2016, 94, .	3.3	3
107	Enhancement of Photoinduced Charge-Order Melting via Anisotropy Control by Double-Pulse Excitation in Perovskite Manganites: $\text{Pr}_{0.6}\text{Ca}_{0.4}\text{MnO}_3$. <i>Physical Review Letters</i> , 2016, 116, 076402.	8.0	10
108	Terahertz Radiation by Subpicosecond Magnetization Modulation in the Ferrimagnet LiFe_5O_8 . <i>ACS Photonics</i> , 2016, 3, 1170-1175.	6.9	15

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109	Cortisol regulates the paracrine action of macrophages by inducing vasoactive gene expression in endometrial cells. <i>Journal of Leukocyte Biology</i> , 2016, 99, 1165-1171.	3.3	19
110	Electrical Transport in the Quasi-Two-Dimensional Ionic Mott Insulator M2P-TCNQF4 under High Pressures. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 104702.	1.6	0
111	Photoinduced complete melting of spin-Peierls phase in Na-tetracyanoquinodimethane revealed by frequency doubling of coherent molecular oscillations. <i>Physical Review B</i> , 2015, 91, .	3.3	2
112	Temperature and carrier-density dependence of electron-hole scattering in silicon investigated by optical-pump terahertz-probe spectroscopy. <i>Physical Review B</i> , 2015, 91, .	3.3	17
113	Photoinduced switching to metallic states in the two-dimensional organic Mott insulator dimethylphenazine-tetrafluorotetracyanoquinodimethane with anisotropic molecular stacks. <i>Physical Review B</i> , 2015, 91, .	3.3	3
114	THz-Frequency Modulation of the Hubbard U in an Organic Mott Insulator. <i>Physical Review Letters</i> , 2015, 115, 187401.	8.0	70
115	Elliptically polarized terahertz radiation from a chiral oxide. <i>Applied Physics Letters</i> , 2015, 107, .	3.2	2
116	Acute Pain Services and Postsurgical Pain Management in the Netherlands: A Survey. <i>Pain Practice</i> , 2015, 15, 447-454.	2.0	30
117	Synthetic Method for 2,2'-Disubstituted Fluorinated Binaphthyl Derivatives and Application as Chiral Source in Design of Chiral Mono-Phosphoric Acid Catalyst. <i>Chirality</i> , 2015, 27, 464-475.	2.8	17
118	Fragility of Happiness Beliefs Across 15 National Groups. <i>Journal of Happiness Studies</i> , 2015, 16, 1185-1210.	3.4	40
119	Epitaxial growth of high quality La ₂ CuO ₄ film on LaSrAlO ₄ substrate with introduction of ultrathin amorphous layer of La ₂ CuO ₄ . <i>Journal of Crystal Growth</i> , 2015, 425, 230-233.	1.6	0
120	Electron transport in TTF-CA under High pressures. <i>Physica B: Condensed Matter</i> , 2015, 460, 83-87.	2.8	8
121	Ultrafast charge and lattice dynamics in one-dimensional Mott insulator of CuO-chain compound by femtosecond absorption spectroscopy. <i>Physical Review B</i> , 2015, 91, .	3.3	14
122	Terahertz Radiation Imaging of Ferroelectric Domain Topography in Room-Temperature Hydrogen-Bonded Supramolecular Ferroelectrics. <i>ACS Photonics</i> , 2015, 2, 1373-1383.	6.9	17
123	Ultrafast modulation of polarization amplitude by terahertz fields in electronic-type organic ferroelectrics. , 2014, , .		0
124	Comparison of Treatment Methods in Lumbar Spinal Stenosis for Geriatric Patient: Nerve Block Versus Radiofrequency Neurotomy Versus Spinal Surgery. <i>Korean Journal of Spine</i> , 2014, 11, 97.	0.8	11
125	Carrier dynamics of rubrene single-crystals revealed by transient broadband terahertz spectroscopy. <i>Applied Physics Letters</i> , 2014, 105, .	3.2	20
126	Terahertz radiation induced by coherent phonon generation via impulsive stimulated Raman scattering in paratellurite. <i>Physical Review A</i> , 2014, 90, .	2.5	18

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127	Circularly polarized narrowband terahertz radiation from a eulytite oxide by a pair of femtosecond laser pulses. Physical Review A, 2014, 89, .	2.5	17
128	Pressure-Dependent Relaxation in the Photoexcited Mott Insulator $F \propto \frac{1}{T^2}$ Influence of Hopping and Correlations on Quasiparticle Recombination Rates. Physical Review Letters, 2014, 112, 117801.	8.0	58
129	Terahertz radiation by optical rectification in a hydrogen-bonded organic molecular ferroelectric crystal, 2-phenylmalondialdehyde. Japanese Journal of Applied Physics, 2014, 53, 09PD07.	1.6	8
130	Photocarrier dynamics in anatase TiO ₂ investigated by pump-probe absorption spectroscopy. Journal of Applied Physics, 2014, 115, .	2.3	24
131	Continuous Control of Optical Gaps in Quasi-One-Dimensional Bromide-Bridged Platinum Complexes by Utilizing Chemical Pressure. Inorganic Chemistry, 2014, 53, 11764-11769.	4.2	10
132	Visualization of ferroelectric domains in a hydrogen-bonded molecular crystal using emission of terahertz radiation. Applied Physics Letters, 2014, 105, 041101.	3.2	41
133	Bromide-bridged palladium(ⁱⁱⁱ) chain complexes showing charge bistability near room temperature. Chemical Communications, 2014, 50, 8382-8384.	4.2	20
134	Attitude determination by INS/GNSS system aided by phase and magnetometer measurements for spinning vehicles. Gyroscopy and Navigation, 2014, 5, 205-212.	1.3	1
135	Visualization of ferroelectric domains in boracite using emission of terahertz radiation. Japanese Journal of Applied Physics, 2014, 53, 09PD08.	1.6	11
136	Excitation-Photon-Energy Selectivity of Photoconversions in Halogen-Bridged Pd-Chain Compounds: Mott Insulator to Metal or Charge-Density-Wave State. Physical Review Letters, 2014, 113, 096403.	8.0	37
137	Programmable spin-state switching in a mixed-valence spin-crossover iron grid. Nature Communications, 2014, 5, 3865.	13.2	181
138	Optical Properties of a Vibrationally Modulated Solid State Mott Insulator. Scientific Reports, 2014, 4, 3823.	3.4	40
139	Impact of Diradical Character on Two-Photon Absorption: Bis(acridine) Dimers Synthesized from an Allenic Precursor. Journal of the American Chemical Society, 2013, 135, 232-241.	14.6	138
140	Smallest optical gap for quasi-one-dimensional iodo-bridged platinum compounds. Dalton Transactions, 2013, 42, 6277.	3.4	4
141	(Invited) SiC MOS Interface States: Similarity and Dissimilarity from Silicon. ECS Transactions, 2013, 50, 305-311.	0.6	6
142	Measurement of a Photoinduced Transition from a Nonordered Phase to a Transient Ordered Phase in the Organic Quantum-Paraelectric Compound dimethyltetrafulvalene-dibromodichloro- p Physical Review Letters, 2013, 111, 187801.	8.0	15
143	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, .	3.2	17
144	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.	14.6	67

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145	Ultrafast modulation of polarization amplitude by terahertz fields in electronic-type organic ferroelectrics. <i>Nature Communications</i> , 2013, 4, 2586.	13.2	100
146	High- and low-energy x-ray photoelectron techniques for compositional depth profiles: destructive versus non-destructive methods. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 065310.	2.9	10
147	MEDICAL RADIATION THERAPIES. <i>Neuro-Oncology</i> , 2013, 15, iii75-iii84.	1.2	4
148	Phase Noise Analysis of Colpitts and Hartley CMOS Oscillators. , 2013, , .		2
149	Large second-order optical nonlinearity in a ferroelectric molecular crystal of croconic acid with strong intermolecular hydrogen bonds. <i>Applied Physics Letters</i> , 2013, 102, .	3.2	17
150	Charge modulation infrared spectroscopy of rubrene single-crystal field-effect transistors. <i>Applied Physics Letters</i> , 2013, 102, .	3.2	11
151	Fermi level shift in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ probed by heteroepitaxial junctions with Nb-doped SrTiO_3 . <i>Applied Physics Letters</i> , 2013, 102, .	3.2	8
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