

Makoto Kuwata-Gonokami

List of Publications by Year in descending order

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279
papers

9,538
citations

34016

52
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90
g-index

281
all docs

281
docs citations

281
times ranked

8644
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2017 terahertz science and technology roadmap. Journal Physics D: Applied Physics, 2017, 50, 043001.	1.3	1,160
2	Giant Optical Activity in Quasi-Two-Dimensional Planar Nanostructures. Physical Review Letters, 2005, 95, 227401.	2.9	522
3	Magneto-Optical Trapping and Cooling of Strontium Atoms down to the Photon Recoil Temperature. Physical Review Letters, 1999, 82, 1116-1119.	2.9	300
4	Observation of Bogoliubov excitations in exciton-polariton condensates. Nature Physics, 2008, 4, 700-705.	6.5	245
5	Enantiomeric switching of chiral metamaterial for terahertz polarization modulation employing vertically deformable MEMS spirals. Nature Communications, 2015, 6, 8422.	5.8	224
6	Lifting of xz / yz orbital degeneracy at the structural transition in detwinned FeSe. Physical Review B, 2014, 90, .	1.1	200
7	Tight-Binding Photonic Molecule Modes of Resonant Bispheres. Physical Review Letters, 1999, 82, 4623-4626.	2.9	198
8	Polymer microdisk and microring lasers. Optics Letters, 1995, 20, 2093.	1.7	156
9	Circularly Polarized Light Emission from Semiconductor Planar Chiral Nanostructures. Physical Review Letters, 2011, 106, 057402.	2.9	147
10	Laser Emission from Dye-Doped Polystyrene Microsphere*. Japanese Journal of Applied Physics, 1992, 31, L99-L101.	0.8	142
11	Ultrafast Optical Nonlinearity in the Quasi-One-Dimensional Mott Insulator Sr ₂ CuO ₃ . Physical Review Letters, 2000, 85, 2204-2207.	2.9	132
12	The vectorial control of magnetization by light. Nature Communications, 2011, 2, 362.	5.8	130
13	Optimal Design of Dipole Potentials for Efficient Loading of Sr Atoms. Journal of the Physical Society of Japan, 1999, 68, 2479-2482.	0.7	128
14	Parametric Scattering of Cavity Polaritons. Physical Review Letters, 1997, 79, 1341-1344.	2.9	125
15	Terahertz polarization pulse shaping with arbitrary field control. Nature Photonics, 2013, 7, 724-731.	15.6	120
16	Terahertz wave polarization rotation with double layered metal grating of complimentary chiral patterns. Optics Express, 2007, 15, 11117.	1.7	118
17	Recoil-Limited Laser Cooling of Sr ⁸⁷ Atoms near the Fermi Temperature. Physical Review Letters, 2003, 90, 113002.	2.9	115
18	Momentum-dependent sign inversion of orbital order in superconducting FeSe. Physical Review B, 2015, 92, .	1.1	113

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19	Heavy Photon States in Photonic Chains of Resonantly Coupled Cavities with Supermonodispersive Microspheres. <i>Physical Review Letters</i> , 2005, 94, 203905.	2.9	108
20	Polarization-Controlled Circular Second-Harmonic Generation from Metal Hole Arrays with Threefold Rotational Symmetry. <i>Physical Review Letters</i> , 2014, 112, 135502.	2.9	107
21	Trajectory analysis of high-order-harmonic generation from periodic crystals. <i>Physical Review A</i> , 2017, 95, .	1.0	106
22	Ultrafast Spin Dynamics and Critical Behavior in Half-Metallic Ferromagnet: Sr ₂ FeMoO ₆ . <i>Physical Review Letters</i> , 2000, 85, 1986-1989.	2.9	102
23	Polymer whispering gallery mode lasers. <i>Optical Materials</i> , 1998, 9, 12-17.	1.7	99
24	Collisional Properties of p -Wave Feshbach Molecules. <i>Physical Review Letters</i> , 2008, 101, 100401.	2.9	91
25	Transition to a Bose-Einstein condensate and relaxation explosion of excitons at sub-Kelvin temperatures. <i>Nature Communications</i> , 2011, 2, .	5.8	88
26	T-matrix analysis of biexcitonic correlations in the nonlinear optical response of semiconductor quantum wells. <i>European Physical Journal B</i> , 2002, 25, 445-462.	0.6	83
27	Formation of a High-T _c Electron-Hole Liquid in Diamond. <i>Physical Review Letters</i> , 2002, 88, 057404.	2.9	82
28	Fiber-taper-coupled L-band Er ³⁺ -doped tellurite glass microsphere laser. <i>Applied Physics Letters</i> , 2003, 82, 1497-1499.	1.5	82
29	Whispering-gallery-mode microring laser using a conjugated polymer. <i>Applied Physics Letters</i> , 1998, 72, 141-143.	1.5	81
30	Terahertz frequency Hall measurement by magneto-optical Kerr spectroscopy in InAs. <i>Applied Physics Letters</i> , 2002, 81, 199-201.	1.5	81
31	Dynamics of photoinduced melting of charge/orbital order in a layered manganite La _{0.5} Sr _{1.5} MnO ₄ . <i>Physical Review B</i> , 2001, 63, .	1.1	79
32	Photonic molecule lasing. <i>Optics Letters</i> , 2003, 28, 2437.	1.7	78
33	Numerical phase correction method for terahertz time-domain reflection spectroscopy. <i>Journal of Applied Physics</i> , 2004, 96, 4171-4175.	1.1	72
34	Observation of Autler-Townes splitting of biexcitons in CuCl. <i>Physical Review Letters</i> , 1994, 72, 530-533.	2.9	70
35	Generation of broadband terahertz vortex beams. <i>Optics Letters</i> , 2014, 39, 3714.	1.7	70
36	Photon echo induced by two-exciton coherence in a GaAs quantum well. <i>Physical Review B</i> , 1994, 49, 7817-7820.	1.1	69

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37	Selection Rules for Light-Induced Magnetization of a Crystal with Threefold Symmetry: The Case of Antiferromagnetic NiO. <i>Physical Review Letters</i> , 2011, 106, 047401.	2.9	67
38	Radiative decay and phonon scattering of biexcitons in CuCl. <i>Physical Review B</i> , 1990, 42, 5621-5625.	1.1	65
39	Terahertz vector beam generation using segmented nonlinear optical crystals with threefold rotational symmetry. <i>Optics Express</i> , 2012, 20, 21896.	1.7	65
40	Photoinduced spin dynamics in La _{0.6} Sr _{0.4} MnO ₃ observed by time-resolved magneto-optical Kerr spectroscopy. <i>Physical Review B</i> , 2003, 68, .	1.1	64
41	Updated Design of the CMB Polarization Experiment Satellite LiteBIRD. <i>Journal of Low Temperature Physics</i> , 2020, 199, 1107-1117.	0.6	64
42	Influence of Exciton-Exciton Interaction on Quantum Beats. <i>Physical Review Letters</i> , 1999, 82, 3108-3111.	2.9	62
43	Effect of surface plasmon resonance on the optical activity of chiral metal nanogratings. <i>Optics Express</i> , 2007, 15, 9575.	1.7	62
44	Spiral metamaterial for active tuning of optical activity. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	61
45	Photon-drag-induced terahertz emission from graphene. <i>Physical Review B</i> , 2014, 90, .	1.1	59
46	Observation of the spin-charge thermal isolation of ferromagnetic Ga _{0.94} Mn _{0.06} As by time-resolved magneto-optical measurements. <i>Physical Review B</i> , 2003, 68, .	1.1	58
47	Study of Orthoexciton-to-Paraexciton Conversion in Cu ₂ O by Excitonic Lyman Spectroscopy. <i>Physical Review Letters</i> , 2005, 94, 016403.	2.9	57
48	Time-Resolved Reflection Spectroscopy of the Spatiotemporal Dynamics of Photo-Excited Carriers in Si and GaAs. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 2276-2279.	0.7	56
49	2¼m lasing from highly thulium doped tellurite glass microsphere. <i>Applied Physics Letters</i> , 2005, 87, 211118.	1.5	56
50	Evidence of Nonperturbative Continuum Correlations in Two-Dimensional Exciton Systems in Semiconductor Microcavities. <i>Physical Review Letters</i> , 2001, 87, .	2.9	53
51	Third-order exciton-correlation and nonlinear cavity-polariton effects in semiconductor microcavities. <i>Physical Review B</i> , 2001, 64, .	1.1	53
52	Observation of extraordinary optical activity in planar chiral photonic crystals. <i>Optics Express</i> , 2008, 16, 7189.	1.7	53
53	Light-induced terahertz optical activity. <i>Optics Letters</i> , 2009, 34, 3000.	1.7	51
54	3D printed 1.1 THz waveguides. <i>Electronics Letters</i> , 2017, 53, 471-473.	0.5	50

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55	High average power coherent vuv generation at 10 MHz repetition frequency by intracavity high harmonic generation. Optics Express, 2015, 23, 15107.	1.7	49
56	Terahertz time domain magneto-optical ellipsometry in reflection geometry. Physical Review B, 2004, 70, .	1.1	48
57	Excitation of a single molecule on the surface of a spherical microcavity. Applied Physics Letters, 1997, 71, 297-299.	1.5	47
58	Electron-Hole Droplet Formation in Direct-Gap Semiconductors Observed by Mid-Infrared Pump-Probe Spectroscopy. Physical Review Letters, 2001, 86, 5795-5798.	2.9	46
59	Time-resolved Excitonic Lyman Spectroscopy of Cu ₂ O. Journal of the Physical Society of Japan, 2004, 73, 1065-1069.	0.7	46
60	All-optical control of ultrafast photocurrents in unbiased graphene. Scientific Reports, 2014, 4, 4007.	1.6	45
61	High-Sensitivity and Broadband, Real-Time Terahertz Camera Incorporating a Micro-Bolometer Array<?Pub _newline ?>With Resonant Cavity Structure. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 175-182.	2.0	42
62	Ground-State Thermodynamic Quantities of Homogeneous Spin- $1/2$ Fermions from the BCS Region to the Unitarity Limit. Physical Review X, 2017, 7, .	2.8	42
63	Critical Temperature and Condensate Fraction of a Fermion Pair Condensate. Physical Review Letters, 2008, 101, 180406.	2.9	41
64	Highly precise and accurate terahertz polarization measurements based on electro-optic sampling with polarization modulation of probe pulses. Optics Express, 2014, 22, 17915.	1.7	41
65	All-photoinduced terahertz optical activity. Optics Letters, 2014, 39, 3274.	1.7	41
66	Real-time broadband terahertz spectroscopic imaging by using a high-sensitivity terahertz camera. Scientific Reports, 2017, 7, 42540.	1.6	40
67	One-dimensional cuprate as a nonlinear optical material for ultrafast all-optical switching. Applied Physics Letters, 2001, 78, 2831-2833.	1.5	39
68	Transport properties of photoexcited carriers in a fibonacci superlattice. Solid State Communications, 1990, 75, 955-961.	0.9	38
69	The OVAL experiment: a new experiment to measure vacuum magnetic birefringence using high repetition pulsed magnets. European Physical Journal D, 2017, 71, 1.	0.6	38
70	Detection and correction of the misplacement error in terahertz spectroscopy by application of singly subtractive Kramers-Kronig relations. Physical Review B, 2005, 72, .	1.1	35
71	Femtosecond activation of magnetoelectricity. Nature Physics, 2018, 14, 370-374.	6.5	35
72	Phase diagram of the quantum degenerate electron-hole system in diamond. Physica Status Solidi (B): Basic Research, 2003, 238, 509-512.	0.7	34

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73	Creation of supercooled exciton gas and transformation to electron-hole droplets in diamond. <i>Physical Review B</i> , 2003, 68, .	1.1	34
74	Efficient coupling of propagating broadband terahertz radial beams to metal wires. <i>Optics Express</i> , 2013, 21, 10642.	1.7	33
75	Can D'yakonov's 'Perel' effect cause spin dephasing in GaAs(110) quantum wells?. <i>Solid State Communications</i> , 2002, 121, 509-512.	0.9	32
76	Ultrafast zero-bias photocurrent and terahertz emission in hybrid perovskites. <i>Communications Physics</i> , 2018, 1, .	2.0	32
77	Stochastically sustained population oscillations in high- \hat{I}^2 nanolasers. <i>New Journal of Physics</i> , 2013, 15, 033039.	1.2	31
78	Quantum inelastic collisions between paraexcitons in Cu ₂ O. <i>Physical Review B</i> , 2010, 82, .	1.1	30
79	Orientation of jet-cooled polar molecules with an intense single-cycle THz pulse. <i>Physical Review A</i> , 2013, 88, .	1.0	30
80	Degenerate four-wave mixing measurements on an exciton-photon coupled system in a semiconductor microcavity. <i>Physical Review B</i> , 1998, 58, 7978-7985.	1.1	29
81	The Yellow Excitonic Series of Cu ₂ O Revisited by Lyman Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2005, 74, 1423-1426.	0.7	29
82	Gap soliton propagation in optical fiber gratings. <i>Optics Letters</i> , 1995, 20, 1674.	1.7	28
83	Electron-hole liquid formation by exciton and biexciton resonant excitation in CuCl. <i>Journal of Luminescence</i> , 2002, 100, 233-242.	1.5	28
84	Observation of Excitonic N -Body Bound States: Polyexcitons in Diamond. <i>Physical Review Letters</i> , 2013, 111, 026402.	2.9	28
85	Polarization control of quantum dot emission by chiral photonic crystal slabs. <i>Optics Letters</i> , 2015, 40, 1528.	1.7	28
86	Generation of ultracold paraexcitons in cuprous oxide: A path toward a stable Bose-Einstein condensate. <i>Physical Review B</i> , 2013, 88, .	1.1	27
87	Time-dependent Hartree-Fock study of electron-hole interaction effects on high-order harmonic generation from periodic crystals. <i>Physical Review A</i> , 2018, 98, .	1.0	27
88	Excitonic n-string in linear chains. <i>Solid State Communications</i> , 1993, 88, 211-216.	0.9	26
89	Efficient Phase Conjugation Wave Generation from a GaAs Single Quantum Well in a Microcavity. <i>Japanese Journal of Applied Physics</i> , 1995, 34, L817-L820.	0.8	26
90	Opening a new route to multipoint coherent XUV sources via intracavity high-order harmonic generation. <i>Light: Science and Applications</i> , 2020, 9, 168.	7.7	25

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91	Synchronous Collapses and Revivals of Atomic Dipole Fluctuations and Photon Fano Factor beyond the Standard Quantum Limit. <i>Physical Review Letters</i> , 1996, 76, 2045-2048.	2.9	24
92	Four-Wave Mixing Theory at the Excitonic Resonance: Weakly Interacting Boson Model. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 674-682.	0.7	24
93	Fast periodic modulations in the photon correlation of single-mode vertical-cavity surface-emitting lasers. <i>Physical Review A</i> , 2012, 85, .	1.0	24
94	Solitonlike Propagation of Exciton-Polariton Pulses Supported by Biexciton Two-Photon Dispersion. <i>Physical Review Letters</i> , 1995, 75, 224-227.	2.9	23
95	Coherent excitonâ€“biexciton dynamics in GaN. <i>Physical Review B</i> , 2002, 65, .	1.1	23
96	Transient Bloch oscillation with the symmetry-governed phase in semiconductor superlattices. <i>Physical Review B</i> , 2010, 81, .	1.1	23
97	Failure of the modal gain model in a GaN based laser diode. <i>Solid State Communications</i> , 1997, 104, 643-648.	0.9	22
98	Midinfrared pumpâ€“probe reflection spectroscopy of the coupled phononâ€“plasmon mode in GaN. <i>Applied Physics Letters</i> , 2002, 81, 484-486.	1.5	22
99	Dimensionality dependence of optical nonlinearity and relaxation dynamics in cuprates. <i>Europhysics Letters</i> , 2002, 58, 455-461.	0.7	22
100	Phase-Coherent Manipulation of Cold Biexcitonic Waves. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 1257-1260.	0.7	22
101	Temperature dependence of the wavelength and threshold of fiber-taper-coupled L-band Er ³⁺ -doped tellurite glass microsphere laser. <i>Applied Physics Letters</i> , 2003, 83, 5380-5382.	1.5	22
102	Spherical cavity-mode laser with self-organized CuCl microspheres. <i>Optics Letters</i> , 1997, 22, 1630.	1.7	21
103	Low-temperature excitons produced by two-photon excitation in high-purity diamond crystals. <i>Physica Status Solidi (B): Basic Research</i> , 2008, 245, 2676-2679.	0.7	21
104	Experimental realization of all-dielectric planar chiral metamaterials with large optical activity in direct transmission. <i>Thin Solid Films</i> , 2008, 516, 8745-8748.	0.8	21
105	Density-dependent exciton kinetics in synthetic diamond crystals. <i>Physical Review B</i> , 2009, 80, .	1.1	21
106	Control of magnetic dipole terahertz radiation by cavity-based phase modulation. <i>Optics Express</i> , 2011, 19, 22550.	1.7	21
107	Femtosecond laser pulses in a Kerr lens mode-locked thin-disk ring oscillator with an intra-cavity peak power beyond 100 MW. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 082701.	0.8	21
108	Terahertz radiation emission from GaMnAs. <i>Applied Physics Letters</i> , 2006, 88, 221110.	1.5	20

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109	Ring and unimodal angular-frequency distribution of THz emission from two-color femtosecond plasma spark. <i>Optics Express</i> , 2018, 26, 18202.	1.7	20
110	Mesoscopic enhancement of third-order-optical susceptibility due to excitons in semiconductor microcrystallites. <i>Solid State Communications</i> , 1990, 73, 551-555.	0.9	19
111	Polariton pulse propagation at exciton resonance in CuCl: Polariton beat and optical precursor. <i>Physical Review B</i> , 2002, 66, .	1.1	19
112	Coherent Quantum Control of Excitons at Ultracold and High Density in Cu ₂ O with Phase Manipulated Pulses. <i>Physical Review Letters</i> , 2008, 100, 233001.	2.9	19
113	Study on cooling of positronium for Bose-Einstein condensation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 104001.	0.6	19
114	Terahertz broadband anti-reflection moth-eye structures fabricated by femtosecond laser processing. <i>OSA Continuum</i> , 2019, 2, 2764.	1.8	19
115	On the gain mechanism in GaN based laser diodes. <i>Solid State Communications</i> , 1998, 108, 105-109.	0.9	18
116	Four-wave mixing theory in a cavity-polariton system. <i>Solid State Communications</i> , 1998, 108, 289-293.	0.9	18
117	Formation and decay of electron-hole droplets in diamond. <i>Physical Review B</i> , 2005, 71, .	1.1	18
118	Laser-based continuous-wave excitonic Lyman spectroscopy in Cu ₂ O. <i>Physical Review B</i> , 2007, 76, .	1.1	18
119	Cold atom quantum simulator for dilute neutron matter. <i>International Journal of Modern Physics E</i> , 2019, 28, 1930001.	0.4	18
120	Role of exciton-exciton interaction on resonant third-order nonlinear optical responses. <i>Journal of Luminescence</i> , 2000, 87-89, 162-167.	1.5	17
121	Collisions between supercooled excitons in Cu ₂ O studied by time-resolved Lyman spectroscopy. <i>Physical Review B</i> , 2006, 74, .	1.1	17
122	Dark excitons in Cu ₂ O crystals for two-photon coherence storage in semiconductors. <i>Physical Review B</i> , 2006, 73, .	1.1	17
123	Control of antiferromagnetic domain distribution via polarization-dependent optical annealing. <i>Nature Communications</i> , 2016, 7, 10720.	5.8	17
124	All-optical production of dual Bose-Einstein condensates of paired fermions and bosons with ⁶ Li and ⁷ Li. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 01LT01.	0.6	17
125	Role of biexciton state in excitonic resonant nonlinearity in homoepitaxial ZnSe. <i>Solid State Communications</i> , 1995, 95, 679-683.	0.9	16
126	Time-Resolved Emission from Self-Assembled Single Quantum Dots Using Scanning Near-Field Optical Microscope. <i>Japanese Journal of Applied Physics</i> , 1999, 38, L1460-L1462.	0.8	16

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127	Suppressed formation of electron-hole droplets in diamond under a strain field. <i>Physical Review B</i> , 2007, 76, .	1.1	16
128	Mechanism of the large polarization rotation effect in the all-dielectric artificially chiral nanogratings. <i>Optics Express</i> , 2009, 17, 688.	1.7	16
129	Kerr lens mode-locked Yb:Lu ₂ O ₃ bulk ceramic oscillator pumped by a multimode laser diode. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 072703.	0.8	16
130	Tunable and nonlinear metamaterials for controlling circular polarization. <i>Journal of Applied Physics</i> , 2020, 127, 230902.	1.1	16
131	Optical activity in chiral gold nanogratings. <i>Microelectronic Engineering</i> , 2005, 78-79, 448-451.	1.1	15
132	Reflection-type pulsed terahertz imaging with a phase-retrieval algorithm. <i>Applied Physics Letters</i> , 2006, 88, 041114.	1.5	15
133	Determination of the time origin by the maximum entropy method in time-domain terahertz emission spectroscopy. <i>Optics Express</i> , 2010, 18, 15853.	1.7	15
134	Self-compensation of third-order dispersion for ultrashort pulse generation demonstrated in an Yb fiber oscillator. <i>Optics Letters</i> , 2010, 35, 3868.	1.7	15
135	Degenerate Electron-Hole Plasma Formation via Resonant Exciton Excitation in CuCl. <i>Physica Status Solidi (B): Basic Research</i> , 2000, 221, 261-267.	0.7	13
136	Room-temperature random telegraph noise in luminescence from macroscopic InGaN clusters. <i>Applied Physics Letters</i> , 2001, 78, 1065-1067.	1.5	13
137	Testing the validity of terahertz reflection spectra by dispersion relations. <i>Physical Review B</i> , 2005, 72, .	1.1	13
138	Dynamics of photo-induced terahertz optical activity in metal chiral gratings. <i>Optics Letters</i> , 2012, 37, 3510.	1.7	13
139	Backward Terahertz Radiation from a Two-Color Femtosecond Laser Filament. <i>JETP Letters</i> , 2017, 106, 706-708.	0.4	13
140	Coherent Detection of Terahertz Radiation with Graphene. <i>ACS Photonics</i> , 2019, 6, 1780-1788.	3.2	13
141	Tunable third harmonic generation in the vacuum ultraviolet region using dielectric nanomembranes. <i>APL Photonics</i> , 2020, 5, 066103.	3.0	12
142	Direct correlation of local fluence to single-pulse ultrashort laser ablated morphology. <i>Communications Materials</i> , 2021, 2, .	2.9	12
143	Broadband, millimeter-wave anti-reflective structures on sapphire ablated with femto-second laser. <i>Journal of Applied Physics</i> , 2020, 128, 225302.	1.1	12
144	Large diameter millimeter-wave low-pass filter made of alumina with laser ablated anti-reflection coating. <i>Optics Express</i> , 2021, 29, 41745.	1.7	12

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145	Signatures of the excitonic memory effects in four-wave mixing processes in cavity polaritons. <i>Physical Review B</i> , 2000, 62, 6912-6915.	1.1	11
146	Nanosized crystallites of charge-transfer complex of 9-methylanthracene and 1,2,4,5-tetracyanobenzene for bright and optically anisotropic fluorescent probes. <i>Applied Physics Letters</i> , 2008, 92, 113305.	1.5	11
147	Power dissipation spectra and terahertz intervalley transfer gain in bulk GaAs under high electric fields. <i>Applied Physics Letters</i> , 2008, 93, 232102.	1.5	11
148	Causality-based method for determining the time origin in terahertz emission spectroscopy. <i>Optics Express</i> , 2011, 19, 12759.	1.7	11
149	Optical Nonlinearity and Dynamics of an Exciton-Biexciton System in CuCl in the Weak Excitation Regime. <i>Physica Status Solidi (B): Basic Research</i> , 1990, 159, 347-351.	0.7	10
150	Lasing and Intermode Correlation of Whispering Gallery Mode in Dye-Doped Polystyrene Microsphere. <i>Molecular Crystals and Liquid Crystals</i> , 1992, 216, 21-25.	0.3	10
151	Photoluminescence Characterization of High-Purity Synthesized Diamond. <i>Japanese Journal of Applied Physics</i> , 1997, 36, L1505-L1507.	0.8	10
152	Direct creation of electron-hole plasma by exciton Mott transition in CuCl. <i>Journal of Luminescence</i> , 2000, 87-89, 192-194.	1.5	10
153	Efficient Two-Photon Light Amplification by a Coherent Biexciton Wave. <i>Physical Review Letters</i> , 2002, 89, 233601.	2.9	10
154	Efficient dispersion relations for terahertz spectroscopy. <i>Applied Physics Letters</i> , 2006, 89, 142903.	1.5	10
155	Relaxation explosion of a quantum degenerate exciton gas in Cu ₂ O. <i>New Journal of Physics</i> , 2012, 14, 055024.	1.2	10
156	Resonant creation of indirect excitons in diamond at the phonon-assisted absorption edge. <i>Europhysics Letters</i> , 2013, 104, 47012.	0.7	10
157	Appropriate Probe Condition for Absorption Imaging of Ultracold ⁶ Li Atoms. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 104301.	0.7	10
158	High-power, narrow-band, high-repetition-rate, 59 eV coherent light source using passive optical cavity for laser-based angle-resolved photoelectron spectroscopy. <i>Optics Express</i> , 2012, 20, 23542.	1.7	9
159	Selection rules for angular momentum transfer via impulsive stimulated Raman scattering. <i>Physical Review A</i> , 2013, 87, .	1.0	9
160	Free induction decay and quantum beat of excitons in ZnSe. <i>Journal of Crystal Growth</i> , 1994, 138, 805-808.	0.7	8
161	Polarization dependent quantum beats of homogeneously broadened excitons. <i>Optics Express</i> , 1997, 1, 364.	1.7	8
162	Laser cooling of strontium atoms toward quantum degeneracy. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	8

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163	Experimental investigation of polaron effects in Ga _{1-x} Mn _x As by time-resolved and continuous-wave midinfrared spectroscopy. <i>Physical Review B</i> , 2007, 76, .	1.1	8
164	Surface-plasmon enhanced optical activity in two-dimensional metal chiral networks. <i>Optics Letters</i> , 2012, 37, 4446.	1.7	8
165	Time-integrated four-wave mixing in GaN and ZnSe: Polarization-sensitive phase shift of the excitonic quantum beats. <i>Physical Review B</i> , 2001, 64, .	1.1	7
166	Self-assembly and plasmon-enhanced ultrafast magnetization of Ag@Co hybrid nanoparticles. <i>Optical Materials Express</i> , 2014, 4, 1564.	1.6	7
167	Photoexcited Carrier Dynamics in InAs, GaAs, and InSb Probed by Terahertz Excitation Spectroscopy. <i>Physical Review Applied</i> , 2017, 7, .	1.5	7
168	Observation of ortho and para-excitons by time-resolved excitonic Lyman spectroscopy. <i>Solid State Communications</i> , 2005, 134, 127-133.	0.9	6
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