

Suotang Jia

List of Publications by Year in descending order

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169
papers

2,827
citations

201674

27
h-index

223800

46
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170
all docs

170
docs citations

170
times ranked

2281
citing authors

#	ARTICLE	IF	CITATIONS
1	Beat frequency quartz-enhanced photoacoustic spectroscopy for fast and calibration-free continuous trace-gas monitoring. <i>Nature Communications</i> , 2017, 8, 15331.	12.8	213
2	Atomic superheterodyne receiver based on microwave-dressed Rydberg spectroscopy. <i>Nature Physics</i> , 2020, 16, 911-915.	16.7	213
3	Higher-order topological semimetal in acoustic crystals. <i>Nature Materials</i> , 2021, 20, 812-817.	27.5	106
4	Robust quantum state transfer via topological edge states in superconducting qubit chains. <i>Physical Review A</i> , 2018, 98, .	2.5	99
5	Observation of Topological Magnon Insulator States in a Superconducting Circuit. <i>Physical Review Letters</i> , 2019, 123, 080501.	7.8	80
6	ppb-Level SO ₂ Photoacoustic Sensors with a Suppressed Absorption-Desorption Effect by Using a 7.41 μ m External-Cavity Quantum Cascade Laser. <i>ACS Sensors</i> , 2020, 5, 549-556.	7.8	79
7	Excitons and Biexciton Dynamics in Single CsPbBr ₃ Perovskite Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6934-6940.	4.6	73
8	Direct Observation of Topology from Single-Photon Dynamics. <i>Physical Review Letters</i> , 2019, 122, 193903.	7.8	70
9	Three-Dimensional Printed Miniature Fiber-Coupled Multipass Cells with Dense Spot Patterns for ppb-Level Methane Detection Using a Near-IR Diode Laser. <i>Analytical Chemistry</i> , 2020, 92, 13034-13041.	6.5	67
10	Simultaneous dual-gas QEPAS detection based on a fundamental and overtone combined vibration of quartz tuning fork. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	64
11	Analytical solutions for the Rabi model. <i>Physical Review A</i> , 2012, 86, .	2.5	60
12	Atomic-Layered MoS ₂ as a Tunable Optical Platform. <i>Advanced Optical Materials</i> , 2016, 4, 1429-1456.	7.3	54
13	Impact of Humidity on Quartz-Enhanced Photoacoustic Spectroscopy Based CO Detection Using a Near-IR Telecommunication Diode Laser. <i>Sensors</i> , 2016, 16, 162.	3.8	49
14	Ppb-level H ₂ S detection for SF ₆ decomposition based on a fiber-amplified telecommunication diode laser and a background-gas-induced high-Q photoacoustic cell. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	48
15	Atom-Based Radio-Frequency Field Calibration and Polarization Measurement Using Cesium Floquet States. <i>Physical Review Applied</i> , 2017, 8, .	3.8	47
16	Quantum phases in circuit QED with a superconducting qubit array. <i>Scientific Reports</i> , 2014, 4, 4083.	3.3	45
17	Suppressing the Fluorescence Blinking of Single Quantum Dots Encased in N-type Semiconductor Nanoparticles. <i>Scientific Reports</i> , 2016, 6, 32662.	3.3	42
18	Photogalvanic effect induced fully spin polarized current and pure spin current in zigzag SiC nanoribbons. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 26744-26751.	2.8	42

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37	New observation and combined analysis of the $Cs_2g\hat{a}^{\sim}$, $u+$, and $1<i>g</i>$ states at the asymptotes $6<i>S</i>1/2 + 6<i>P</i>1/2$ and $6<i>S</i>1/2 + 6<i>P</i>3/2$. Journal of Chemical Physics, 2014, 141, 244310.	3.0	19
38	Magnetic order in a Fermi gas induced by cavity-field fluctuations. Physical Review A, 2018, 98, .	2.5	19
39	Blinking Mechanisms and Intrinsic Quantum-Confined Stark Effect in Single Methylammonium Lead Bromide Perovskite Quantum Dots. Small, 2020, 16, e2005435.	10.0	19
40	Photoluminescence Blinking and Biexciton Auger Recombination in Single Colloidal Quantum Dots with Sharp and Smooth Core/Shell Interfaces. Journal of Physical Chemistry Letters, 2021, 12, 405-412.	4.6	18
41	Observation and analysis of the hyperfine structure of near-dissociation levels of the $H_2C_3^+$ cation. $1\hat{x}$ state below the dissociation limit.	2.5	17
42	Enhanced biexciton emission from single quantum dots encased in N-type semiconductor nanoparticles. Applied Physics Letters, 2017, 111, .	3.3	17
43	Topology-dependent quantum dynamics and entanglement-dependent topological pumping in superconducting qubit chains. Physical Review A, 2018, 98, .	2.5	17
44	Creating a tunable spin squeezing via a time-dependent collective atom-photon coupling. Physical Review A, 2014, 89, .	2.5	16
45	Investigation on spatial distribution of optically thin condition in laser-induced aluminum plasma and its relationship with temporal evolution of plasma characteristics. Journal of Analytical Atomic Spectrometry, 2017, 32, 1519-1526.	3.0	16
46	Retrodiction beyond the Heisenberg uncertainty relation. Nature Communications, 2020, 11, 5658.	12.8	16
47	Electron Transfer-Based Single Molecule Fluorescence as a Probe for Nano-Environment Dynamics. Sensors, 2014, 14, 2449-2467.	3.8	15
48	Modulation of the optical transmittance in monolayer graphene oxide by using external electric field. Scientific Reports, 2015, 5, 14441.	3.3	15
49	Solar light assisted green synthesis of photoreduced graphene oxide for the high-efficiency adsorption of anionic dyes. RSC Advances, 2017, 7, 53362-53372.	3.6	15
50	A novel electrically controllable volatile memory device based on few-layer black phosphorus. Journal of Materials Chemistry C, 2018, 6, 2460-2466.	5.5	15
51	Electric field induced fluorescence hysteresis of single molecules in poly(methyl methacrylate). Applied Physics Letters, 2014, 105, .	3.3	13
52	Photon Devil's staircase: photon long-range repulsive interaction in lattices of coupled resonators with Rydberg atoms. Scientific Reports, 2015, 5, 11510.	3.3	13
53	Experimental observation and determination of the laser-induced frequency shift of hyperfine levels of ultracold polar molecules. Physical Review A, 2017, 96, .	2.5	13
54	All-Optical Reversible Manipulation of Exciton and Trion Emissions in Monolayer WS ₂ . Nanomaterials, 2020, 10, 23.	4.1	13

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55	Rydberg atom-based AM receiver with a weak continuous frequency carrier. <i>Optics Express</i> , 2022, 30, 13522.	3.4	13
56	Experimental Determination of the Rotational Constants of High-Lying Vibrational Levels of Ultracold Cs ₂ in the 0 _g ⁺ Purely Long-Range State. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3612-3617.	4.6	12
57	Ground-state properties of a Bose-Einstein condensate in an optomechanical cavity. <i>Physical Review A</i> , 2013, 88, .	2.5	12
58	Observation and deperturbation of near-dissociation ro-vibrational structure of the Cs ₂ state u ⁺ (A ¹ Σ ⁺ _u + ¹ / ₄ B ³ Σ ⁺ _u) at the asymptote 6 <i>S</i> _{1/2} + 6 <i>P</i> _{1/2} . <i>Journal of Chemical Physics</i> , 2015, 143, 124307. ^{3.0}		12
59	Intensity-Stabilized Fast-Scanned Direct Absorption Spectroscopy Instrumentation Based on a Distributed Feedback Laser with Detection Sensitivity down to 4 Å– 10 ^{−6} . <i>Sensors</i> , 2016, 16, 1544.	3.8	12
60	Re-examination of the Cs ₂ ground singlet X ¹ Σ ⁺ _g and triplet a ³ Σ ⁺ _u states. <i>Journal of Chemical Physics</i> , 2017, 147, 104301.	3.0	12
61	Accurate Investigation on the Fluorescence Resonance Energy Transfer between Single Organic Molecules and Monolayer WSe ₂ by Quantum Coherent Modulation-Enhanced Single-Molecule Imaging Microscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2849-2856.	4.6	12
62	Synthetic gauge field and chiral physics on two-leg superconducting circuits. <i>Physical Review A</i> , 2020, 102, .	2.5	12
63	Oxygen-Assisted Trimming Growth of Ultrahigh Vertical Graphene Films in a PECVD Process for Superior Energy Storage. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12400-12407.	8.0	12
64	Single molecules probe the polarization dynamics of poly (methyl methacrylate) in external electric field. <i>Applied Physics Letters</i> , 2012, 100, 203118.	3.3	11
65	Multi-Quartz Enhanced Photoacoustic Spectroscopy with Different Acoustic Microresonator Configurations. <i>Journal of Spectroscopy</i> , 2015, 2015, 1-6.	1.3	11
66	Quantum Coherent Modulation-Enhanced Single-Molecule Imaging Microscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 223-228.	4.6	11
67	Ultra-repeatability measurement of the coal calorific value by XRF assisted LIBS. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2928-2934.	3.0	11
68	Antichiral edge states and hinge states based on the Haldane model. <i>Physical Review B</i> , 2021, 104, .	3.2	11
69	Qubit-induced high-order nonlinear interaction of the polar molecules in a stripline cavity. <i>Physical Review A</i> , 2010, 82, .	2.5	10
70	The determination of potential energy curve and dipole moment of the (5)0 ⁺ electronic state of 85Rb133Cs molecule by high resolution photoassociation spectroscopy. <i>Journal of Chemical Physics</i> , 2015, 143, 224312.	3.0	10
71	Atomic self-organization emerging from tunable quadrature coupling. <i>Physical Review A</i> , 2020, 101, .	2.5	10
72	Efficient, Stable, and Photoluminescence Intermittency-Free CdSe-Based Quantum Dots in the Full-Color Range. <i>ACS Photonics</i> , 2021, 8, 2538-2547.	6.6	10

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73	Splitting of an Electromagnetically Induced Transparency Window of a Cascade System with ^{133}Cs Rydberg Atoms in a Static Magnetic Field. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 104301.	1.6	9
74	Simultaneous multi-gas detection between 3 and 4 $\hat{1}\frac{1}{4}\mu\text{m}$ based on a 2.5-m multipass cell and a tunable Fabry-Pérot filter detector. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 216, 154-160.	3.9	9
75	Laser Spatial Coherence Suppression With Refractive Optical Elements Toward the Improvement of Speckle Reduction by Light Pipes. <i>IEEE Access</i> , 2019, 7, 172190-172198.	4.2	9
76	Rotamers of <i>p</i> -isopropylphenol studied by hole-burning resonantly enhanced multiphoton ionization and mass analyzed threshold ionization spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 207, 328-336.	3.9	9
77	Distinction of electromagnetically induced transparency and Autler-Townes splitting in a Rydberg-involved ladder-type cold atom system. <i>Optics Express</i> , 2021, 29, 11406.	3.4	9
78	Direct measurement of laser-induced frequency shift rate of ultracold cesium molecules by analyzing losses of trapped atoms. <i>Applied Physics Letters</i> , 2012, 101, 131114.	3.3	8
79	Finite-temperature Dicke phase transition of a Bose-Einstein condensate in an optical cavity. <i>Physical Review A</i> , 2013, 87, .	2.5	8
80	Investigation on ultracold RbCs molecules in $(2)0+$ long-range state below the $\text{Rb}(5S_{1/2}) + \text{Cs}(6P_{1/2})$ asymptote by high resolution photoassociation spectroscopy. <i>Journal of Chemical Physics</i> , 2015, 143, 044311.	3.0	8
81	Impedance self-matching ultra-narrow linewidth fiber resonator by use of a tunable π -phase-shifted FBG. <i>Scientific Reports</i> , 2017, 7, 1895.	3.3	8
82	Cesium Rydberg molecules and their permanent electric dipole moments. <i>Physical Review Research</i> , 2020, 2, .	3.6	8
83	Role of Aspect Ratio in the Photoluminescence of Single CdSe/CdS Dot-in-Rods. <i>Journal of Physical Chemistry C</i> , 2022, 126, 2699-2707.	3.1	8
84	Interaction-induced exotic vortex states in an optical lattice clock with spin-orbit coupling. <i>Physical Review A</i> , 2017, 96, .	2.5	7
85	Observation of photoassociation of ultracold sodium and cesium at the asymptote $\text{Na}(3S_{1/2}) + \text{Cs}(6P_{1/2})$. <i>Journal of Chemical Physics</i> , 2018, 148, 174304.	3.0	7
86	Nonlinearity of Microwave Electric Field Coupled Rydberg Electromagnetically Induced Transparency and Autler-Townes Splitting. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1720.	2.5	7
87	Synthetic spin-orbit coupling and topological polaritons in Janey's-Cummings lattices. <i>Npj Quantum Information</i> , 2019, 5, .	6.7	7
88	Quantum spiral spin-tensor magnetism. <i>Physical Review B</i> , 2020, 101, .	3.2	7
89	Observation of blackbody radiation enhanced superradiance in ultracold Rydberg gases. <i>New Journal of Physics</i> , 2021, 23, 083017.	2.9	7
90	Experimental observation of partial parity-time symmetry and its phase transition with a laser-driven cesium atomic gas. <i>Physical Review A</i> , 2022, 105, .	2.5	7

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91	Atom-interferometric measurement of Stark level splittings. <i>Physical Review A</i> , 2015, 92, .	2.5	6
92	Electric-field-induced interferometric resonance of a one-dimensional spin-orbit-coupled electron. <i>Scientific Reports</i> , 2016, 6, 38851.	3.3	6
93	Manipulation of photoassociation of ultracold Cs atoms with tunable scattering length by external magnetic fields. <i>Scientific Reports</i> , 2017, 7, 13677.	3.3	6
94	Stability Enhanced Online Powdery Cement Raw Materials Quality Monitoring Using Laser-Induced Breakdown Spectroscopy. <i>IEEE Photonics Journal</i> , 2017, 9, 1-10.	2.0	6
95	Laser-driven propulsion of multilayer graphene oxide flakes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2329-2335.	5.5	6
96	Flexible engineering of light emission in monolayer MoS ₂ via direct laser writing for multimode optical recording. <i>AIP Advances</i> , 2020, 10, 045230.	1.3	6
97	Observation of photoassociation spectroscopy of ultralong ³⁷ D _{5/2} + ⁶ S _{1/2} Cs ₂ Rydberg molecules. <i>Journal of Chemical Physics</i> , 2020, 152, 084302.	3.0	6
98	Precise measurements of polarizabilities of cesium nS Rydberg states in an ultra-cold atomic ensemble. <i>New Journal of Physics</i> , 2020, 22, 093032.	2.9	6
99	Enhanced Microwave Electric Field Measurement With Cavity-Assisted Rydberg Electromagnetically Induced Transparency. <i>Frontiers in Physics</i> , 2022, 10, .	2.1	6
100	Photostable fluorescent molecules on layered hexagonal boron nitride: Ideal single-photon sources at room temperature. <i>Journal of Chemical Physics</i> , 2021, 155, 244301.	3.0	6
101	Vertical Graphene Canal Mesh for Strain Sensing with a Supereminent Resolution. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 32387-32394.	8.0	6
102	Optical Detection Technique Using Quartz-Enhanced Photoacoustic Spectrum. <i>International Journal of Thermophysics</i> , 2015, 36, 1297-1304.	2.1	5
103	Phase-factor-dependent symmetries and quantum phases in a three-level cavity QED system. <i>Scientific Reports</i> , 2016, 6, 25192.	3.3	5
104	Detection of ultra-low oxygen concentration based on the fluorescence blinking dynamics of single molecules. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	5
105	Observation of Singlet Oxygen with Single-Molecule Photosensitization by Time-Dependent Photon Statistics. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 5207-5212.	4.6	5
106	Production of ultracold ⁸⁵ Rb ¹³³ Cs molecules in the lowest ground state via the $\langle i \rangle B \langle i \rangle \langle b \rangle 1 \langle /b \rangle \hat{1}$ short-range state. <i>Journal of Chemical Physics</i> , 2019, 151, 084303.	3.0	5
107	Fano effect in an ultracold atom-molecule coupled system. <i>Physical Review A</i> , 2019, 99, .	2.5	5
108	Rashba and Weyl spin-orbit coupling in an optical lattice clock. <i>Physical Review A</i> , 2019, 100, .	2.5	5

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109	Second-order topological insulator in a coinless discrete-time quantum walk. <i>Physical Review A</i> , 2020, 102, .	2.5	5
110	Coherent Interference Fringes of Two-Photon Photoluminescence in Individual Au Nanoparticles: The Critical Role of the Intermediate State. <i>Physical Review Letters</i> , 2021, 127, 073902.	7.8	5
111	Measurement of the quantum defects of 85Rb P and F-series via microwave-assisted electromagnetically induced transparency spectroscopy. <i>Results in Physics</i> , 2021, 29, 104728.	4.1	5
112	Micro-refractive optical elements fabricated by multi-exposure lithography for laser speckle reduction. <i>Optics Express</i> , 2020, 28, 34597.	3.4	5
113	Autler-Townes splitting of three-photon excitation of cesium cold Rydberg gases. <i>Optics Express</i> , 2022, 30, 16748.	3.4	5
114	Thermodynamics of spin-orbit-coupled Bose-Einstein condensates. <i>Physical Review A</i> , 2012, 86, .	2.5	4
115	A full dimensional investigation of infrared spectroscopy of the RbCs dimer using the multi-configuration time-dependent Hartree method. <i>Journal of Chemical Physics</i> , 2013, 139, 244309.	3.0	4
116	Experimental determination of rotational constants of low-lying vibrational levels in the $0g^{\prime}$ pure long-range state of ultracold Cs ₂ molecule. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 191, 13-18.	2.3	4
117	Superfluid-Mott-insulator quantum phase transition of light in a two-mode cavity array with ultrastrong coupling. <i>Physical Review A</i> , 2017, 95, .	2.5	4
118	Quantum mixed phases of a two-dimensional polarized degenerate Fermi gas in an optical cavity. <i>Scientific Reports</i> , 2017, 7, 10568.	3.3	4
119	Weak-scattering static diffuser by fast pumping dispersed-nanoparticles in a long distance using microfluidic flows for efficient laser speckle reduction. <i>Optics Express</i> , 2018, 26, 20270.	3.4	4
120	Synthetic Hall tube of interacting fermions. <i>Physical Review A</i> , 2020, 102, .	2.5	4
121	Visualizing Quantum Coherence Based on Single-Molecule Coherent Modulation Microscopy. <i>Nano Letters</i> , 2021, 21, 1477-1483.	9.1	4
122	High bandwidth laser frequency locking for wideband noise suppression. <i>Optics Express</i> , 2021, 29, 7916.	3.4	4
123	Dynamical characterization of quadrupole topological phases in superconducting circuits. <i>Physical Review A</i> , 2021, 104, .	2.5	4
124	Equal-intensity beam splitter fabricated by segmented half-wave plate for passive laser speckle reduction. <i>Optics Letters</i> , 2021, 46, 3965.	3.3	4
125	A dual-wavelength bandpass Faraday anomalous dispersion optical filter operating on the D1 and D2 lines of rubidium. <i>Optics Communications</i> , 2022, 509, 127855.	2.1	4
126	Autoionization of Ultracold Cesium Rydberg Atom in $37D_{5/2}$ State. <i>Photonics</i> , 2022, 9, 352.	2.0	4

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127	Coherent population transfer of Rydberg atoms in a dual-microwave driven five-level configuration. <i>Optics Communications</i> , 2022, 522, 128603.	2.1	4
128	Analysis of Collisional Cross Sections of Rydberg nS and nD States of Ultracold Caesium Atoms. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 054301.	1.6	3
129	High-efficiency frequency upconversion of $1.5\ \mu\text{m}$ laser based on a doubly resonant external ring cavity with a low finesse for signal field. <i>Applied Physics B: Lasers and Optics</i> , 2017, 123, 1.	2.2	3
130	Superfluid-superradiant mixed phase of the interacting degenerate Fermi gas in an optical cavity. <i>Science China: Physics, Mechanics and Astronomy</i> , 2018, 61, 1.	5.1	3
131	Vibrational band-structures caused by internal rotations of the boron Wankel rotor B_{11}^{\wedge} . <i>RSC Advances</i> , 2021, 11, 3613-3621.	3.6	3
132	Topological nodal chains in optical lattices. <i>Physical Review A</i> , 2021, 103, .	2.5	3
133	Measurement of Energy Level Shift of Ultracold Cesium Atoms by Raman Pump-Probe Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 104301.	1.6	3
134	Photon statistics measurement by use of single photon detection. <i>Science Bulletin</i> , 2004, 49, 875-878.	1.7	2
135	Tunable and frequency-stabilized diode laser using temperature-dependent energy pooling fluorescence. <i>Applied Physics Letters</i> , 2006, 88, 231104.	3.3	2
136	Resonant effect of the strongly-driven Rabi model. <i>European Physical Journal D</i> , 2013, 67, 1.	1.3	2
137	State transfer of nS ultracold Rydberg atoms in external electric fields. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	2
138	Laser intensity induced transparency in atom-molecular transition process. <i>Science Bulletin</i> , 2014, 59, 2731-2735.	1.7	2
139	Unconventional pairings of spin-orbit coupled attractive degenerate Fermi gas in a one-dimensional optical lattice. <i>Scientific Reports</i> , 2015, 5, 14863.	3.3	2
140	Nonlinear selective reflection spectroscopy of V -type atomic system at the gas-solid interface. <i>Annalen Der Physik</i> , 2016, 528, 512-518.	2.4	2
141	Method for studying diatomic rovibrational spectra at a given vibrational state. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	2
142	Reversible engineering of spin-orbit splitting in monolayer MoS_2 via laser irradiation under controlled gas atmospheres. <i>Nanoscale</i> , 2021, 13, 8966-8975.	5.6	2
143	Criteria for Assessing the Interlayer Coupling of van der Waals Heterostructures Using Ultrafast Pump-Probe Photoluminescence Spectroscopy. <i>ACS Nano</i> , 2021, 15, 12966-12974.	14.6	2
144	Lifetime Measurement of Cesium Atoms Using a Cold Rydberg Gas. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2713.	2.5	2

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145	Electric Field Tuned Dipolar Interaction Between Rydberg Atoms. <i>Frontiers in Physics</i> , 2022, 10, .	2.1	2
146	Research on ultracold cesium molecule long-range states by high-resolution photoassociative spectroscopy. <i>Science in China Series G: Physics, Mechanics and Astronomy</i> , 2008, 51, 147-156.	0.2	1
147	Line Shape Analysis of Ultracold Heteronuclear Molecular Photoassociation Spectroscopy by Resonance-Enhanced Two-Photon Ionization. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 084301.	1.6	1
148	Time Evolution of High- l Stark States in Cold Rydberg Atoms. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 114301.	1.6	1
149	Hidden physics in molecular rovibrational spectrum. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 32-37.	3.9	1
150	Design and Optimization of QTF Chopper for Quartz-Enhanced Photoacoustic Spectroscopy. <i>International Journal of Thermophysics</i> , 2015, 36, 1289-1296.	2.1	1
151	Laser speckle reduction using motionless image conduits. <i>Optical Review</i> , 2018, 25, 143-148.	2.0	1
152	Pump-probe and Four-wave Mixing Spectra Arising from Recoil-induced Resonance in an Operating Cesium Magneto-Optical Trap. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 024301.	1.6	1
153	Dynamical Zeeman resonance in spin-orbit-coupled spin-1 Bose gases. <i>Physical Review A</i> , 2020, 102, .	2.5	1
154	Electronic energy transfer in single conjugated polymer molecules revealed by phase-modulated pulse-pair controlled single molecule spectroscopy. <i>AIP Advances</i> , 2021, 11, 075319.	1.3	1
155	Radiative lifetime measurement of ultracold cesium Rydberg states by a simplified optical pumping method. <i>Applied Optics</i> , 2021, 60, 276.	1.8	1
156	Microwave-assisted coherent control of ultracold polar molecules in a ladder-type configuration of rotational states. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4271-4276.	2.8	1
157	Determination of the oscillation frequency in a strongly damped dipole trap by control of spin current. <i>Applied Physics Letters</i> , 2021, 119, 164001.	3.3	1
158	Wide and fast-frequency tuning for a stabilized diode laser. <i>Frontiers of Physics</i> , 2022, 17, 1.	5.0	1
159	Design and implementation of passive speckle reduction in laser projector with refractive optical element and lenslet integrator. <i>Optik</i> , 2022, 252, 168531.	2.9	1
160	Microwave Induced Ultralong-Range Charge Migration in a Rydberg Atom. <i>Chinese Physics Letters</i> , 2022, 39, 013401.	3.3	1
161	Theoretical study on signal enhancement of orthogonal double pulse induced plasma. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1722-1729.	3.0	1
162	Observation of photoassociation spectroscopy of ^{23}Na spinor Bose-Einstein condensate. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 15135-15139.	2.8	1

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163	Dephasing effect of Rydberg states on trap loss spectroscopy of cold atoms. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 2032.	2.1	1
164	Measurement of the Spatial Distribution of Ultracold Cesium Rydberg Atoms by Time-of-Flight Spectroscopy. Journal of the Physical Society of Japan, 2015, 84, 094301.	1.6	0
165	State-Mixing of nS Rydberg Atoms in an External Electric Field. Journal of the Physical Society of Japan, 2015, 84, 094302.	1.6	0
166	An efficient method for electron-atom scattering using ab-initio calculations. Journal of the Korean Physical Society, 2017, 70, 365-368.	0.7	0
167	Reduction of characteristic RL time for fast, efficient magnetic levitation. AIP Advances, 2017, 7, 095016.	1.3	0
168	Observing multifarious topological phase transitions with real-space indicator. Nanophotonics, 2021, .	6.0	0
169	Superfluid to Mott-insulator transition in a 1D optical lattice. Chinese Physics B, 0, , .	1.4	0