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 g-index
170 all docs	170 docs citations	170 times ranked	2281 citing authors

#	Article	IF	Citations
1	Wide and fast-frequency tuning for a stabilized diode laser. Frontiers of Physics, 2022, 17, 1.	5.0	1
2	Design and implementation of passive speckle reduction in laser projector with refractive optical element and lenslet integrator. Optik, 2022, 252, 168531.	2.9	1
3	Role of Aspect Ratio in the Photoluminescence of Single CdSe/CdS Dot-in-Rods. Journal of Physical Chemistry C, 2022, 126, 2699-2707.	3.1	8
4	Microwave Induced Ultralong-Range Charge Migration in a Rydberg Atom. Chinese Physics Letters, 2022, 39, 013401.	3.3	1
5	Atom-optically synthetic gauge fields for a noninteracting Bose gas. Light: Science and Applications, 2022, 11, 13.	16.6	23
6	A dual-wavelength bandpass Faraday anomalous dispersion optical filter operating on the D1 and D2 lines of rubidium. Optics Communications, 2022, 509, 127855.	2.1	4
7	Enhanced Microwave Electric Field Measurement With Cavity-Assisted Rydberg Electromagnetically Induced Transparency. Frontiers in Physics, 2022, 10, .	2.1	6
8	Lifetime Measurement of Cesium Atoms Using a Cold Rydberg Gas. Applied Sciences (Switzerland), 2022, 12, 2713.	2.5	2
9	Rydberg atom-based AM receiver with a weak continuous frequency carrier. Optics Express, 2022, 30, 13522.	3.4	13
10	Electric Field Tuned Dipolar Interaction Between Rydberg Atoms. Frontiers in Physics, 2022, 10, .	2.1	2
11	Autler-Townes splitting of three-photon excitation of cesium cold Rydberg gases. Optics Express, 2022, 30, 16748.	3.4	5
12	Autoionization of Ultracold Cesium Rydberg Atom in 37D5/2 State. Photonics, 2022, 9, 352.	2.0	4
13	Experimental observation of partial parity-time symmetry and its phase transition with a laser-driven cesium atomic gas. Physical Review A, 2022, 105, .	2.5	7
14	Theoretical study on signal enhancement of orthogonal double pulse induced plasma. Journal of Analytical Atomic Spectrometry, 2022, 37, 1722-1729.	3.0	1
15	Observation of photoassociation spectroscopy of ²³Na spinor Boseâ€“Einstein condensate. Physical Chemistry Chemical Physics, 2022, 24, 15135-15139.	2.8	1
16	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
17	Coherent population transfer of Rydberg atoms in a dual-microwave driven five-level configuration. Optics Communications, 2022, 522, 128603.	2.1	4
18	Vertical Graphene Canal Mesh for Strain Sensing with a Supereminent Resolution. ACS Applied Materials & Interfaces, 2022, 14, 32387-32394.	8.0	6

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19	Continuously tunable radio frequency electrometry with Rydberg atoms. Applied Physics Letters, 2022, 121, .	3.3	25
20	Visualizing Quantum Coherence Based on Single-Molecule Coherent Modulation Microscopy. Nano Letters, 2021, 21, 1477-1483.	9.1	4
21	Reversible engineering of spinâ€“orbit splitting in monolayer MoS₂via laser irradiation under controlled gas atmospheres. Nanoscale, 2021, 13, 8966-8975.	5.6	2
22	Vibrational band-structures caused by internal rotations of the boron Wankel rotor B₁₁^{â^'}. RSC Advances, 2021, 11, 3613-3621.	3.6	3
23	High bandwidth laser frequency locking for wideband noise suppression. Optics Express, 2021, 29, 7916.	3.4	4
24	Higher-order topological semimetal in acoustic crystals. Nature Materials, 2021, 20, 812-817.	27.5	106
25	Distinction of electromagnetically induced transparency and Autler-Towners splitting in a Rydberg-involved ladder-type cold atom system. Optics Express, 2021, 29, 11406.	3.4	9
26	Topological nodal chains in optical lattices. Physical Review A, 2021, 103, .	2.5	3
27	Oxygen-Assisted Trimming Growth of Ultrahigh Vertical Graphene Films in a PECVD Process for Superior Energy Storage. ACS Applied Materials & Interfaces, 2021, 13, 12400-12407.	8.0	12
28	Electronic energy transfer in single conjugated polymer molecules revealed by phase-modulated pulse-pair controlled single molecule spectroscopy. AIP Advances, 2021, 11, 075319.	1.3	1
29	Criteria for Assessing the Interlayer Coupling of van der Waals Heterostructures Using Ultrafast Pumpâ€“Probe Photoluminescence Spectroscopy. ACS Nano, 2021, 15, 12966-12974.	14.6	2
30	Dynamical characterization of quadrupole topological phases in superconducting circuits. Physical Review A, 2021, 104, .	2.5	4
31	Equal-intensity beam splitter fabricated by segmented half-wave plate for passive laser speckle reduction. Optics Letters, 2021, 46, 3965.	3.3	4
32	Efficient, Stable, and Photoluminescence Intermittency-Free CdSe-Based Quantum Dots in the Full-Color Range. ACS Photonics, 2021, 8, 2538-2547.	6.6	10
33	Antichiral edge states and hinge states based on the Haldane model. Physical Review B, 2021, 104, .	3.2	11
34	Coherent Interference Fringes of Two-Photon Photoluminescence in Individual Au Nanoparticles: The Critical Role of the Intermediate State. Physical Review Letters, 2021, 127, 073902.	7.8	5
35	Observation of blackbody radiation enhanced superradiance in ultracold Rydberg gases. New Journal of Physics, 2021, 23, 083017.	2.9	7
36	Quantum superposition demonstrated higher-order topological bound states in the continuum. Light: Science and Applications, 2021, 10, 173.	16.6	33

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37	Measurement of the quantum defects of 85Rb P and F-series via microwave-assisted electromagnetically induced transparency spectroscopy. Results in Physics, 2021, 29, 104728.	4.1	5
38	Radiative lifetime measurement of ultracold cesium Rydberg states by a simplified optical pumping method. Applied Optics, 2021, 60, 276.	1.8	1
39	Microwave-assisted coherent control of ultracold polar molecules in a ladder-type configuration of rotational states. Physical Chemistry Chemical Physics, 2021, 23, 4271-4276.	2.8	1
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	Determination of the oscillation frequency in a strongly damped dipole trap by control of spin current. Applied Physics Letters, 2021, 119, 164001.	3.3	1
42	Observing multifarious topological phase transitions with real-space indicator. Nanophotonics, 2021, .	6.0	0
43	3D Hinge Transport in Acoustic Higher-Order Topological Insulators. Physical Review Letters, 2021, 127, 255501.	7.8	32
44	Photostable fluorescent molecules on layered hexagonal boron nitride: Ideal single-photon sources at room temperature. Journal of Chemical Physics, 2021, 155, 244301.	3.0	6
45	All-Optical Reversible Manipulation of Exciton and Trion Emissions in Monolayer WS2. Nanomaterials, 2020, 10, 23.	4.1	13
46	Digital Simulation of Topological Matter on Programmable Quantum Processors. Physical Review Letters, 2020, 125, 160503.	7.8	20
47	Ultra-repeatability measurement of the coal calorific value by XRF assisted LIBS. Journal of Analytical Atomic Spectrometry, 2020, 35, 2928-2934.	3.0	11
48	Synthetic Hall tube of interacting fermions. Physical Review A, 2020, 102, .	2.5	4
49	Blinking Mechanisms and Intrinsic Quantumâ€Confined Stark Effect in Single Methylammonium Lead Bromide Perovskite Quantum Dots. Small, 2020, 16, e2005435.	10.0	19
50	Atomic self-organization emerging from tunable quadrature coupling. Physical Review A, 2020, 101, .	2.5	10
51	Biexciton Dynamics in Single Colloidal CdSe Quantum Dots. Journal of Physical Chemistry Letters, 2020, 11, 10425-10432.	4.6	21
52	Retrodiction beyond the Heisenberg uncertainty relation. Nature Communications, 2020, 11, 5658.	12.8	16
53	Three-Dimensional Printed Miniature Fiber-Coupled Multipass Cells with Dense Spot Patterns for ppb-Level Methane Detection Using a Near-IR Diode Laser. Analytical Chemistry, 2020, 92, 13034-13041.	6.5	67
54	Synthetic gauge field and chiral physics on two-leg superconducting circuits. Physical Review A, 2020, 102, .	2.5	12

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55	Dynamical Zeeman resonance in spin-orbit-coupled spin-1 Bose gases. Physical Review A, 2020, 102, .	2.5	1
56	Flexible engineering of light emission in monolayer MoS2 via direct laser writing for multimode optical recording. AIP Advances, 2020, 10, 045230.	1.3	6
57	Atomic superheterodyne receiver based on microwave-dressed Rydberg spectroscopy. Nature Physics, 2020, 16, 911-915.	16.7	213
58	Second-order topological insulator in a coinless discrete-time quantum walk. Physical Review A, 2020, 102, .	2.5	5
59	Observation of photoassociation spectroscopy of ultralong 37D5/2 + 6S1/2 Cs2 Rydberg molecules. Journal of Chemical Physics, 2020, 152, 084302.	3.0	6
60	ppb-Level SO₂ Photoacoustic Sensors with a Suppressed Absorptionâ€“Desorption Effect by Using a 7.41 Î¼m External-Cavity Quantum Cascade Laser. ACS Sensors, 2020, 5, 549-556.	7.8	79
61	Quantum spiral spin-tensor magnetism. Physical Review B, 2020, 101, .	3.2	7
62	Cesium <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>n</mml:mi><mml:msub><mml:mi>D</mml:mi><mml:mi> Rydberg molecules and their permanent electric dipole moments. Physical Review Research, 2020, 2, .	3.6	8
63	Micro-refractive optical elements fabricated by multi-exposure lithography for laser speckle reduction. Optics Express, 2020, 28, 34597.	3.4	5
64	Precise measurements of polarizabilities of cesium nS Rydberg states in an ultra-cold atomic ensemble. New Journal of Physics, 2020, 22, 093032.	2.9	6
65	Observation of Topological Magnon Insulator States in a Superconducting Circuit. Physical Review Letters, 2019, 123, 080501.	7.8	80
66	Production of ultracold 85Rb133Cs molecules in the lowest ground state via the B 1Î1 short-range state. Journal of Chemical Physics, 2019, 151, 084303.	3.0	5
67	Nonlinearity of Microwave Electric Field Coupled Rydberg Electromagnetically Induced Transparency and Autler-Townes Splitting. Applied Sciences (Switzerland), 2019, 9, 1720.	2.5	7
68	Accurate Investigation on the Fluorescence Resonance Energy Transfer between Single Organic Molecules and Monolayer WSe₂ by Quantum Coherent Modulation-Enhanced Single-Molecule Imaging Microscopy. Journal of Physical Chemistry Letters, 2019, 10, 2849-2856.	4.6	12
69	Direct Observation of Topology from Single-Photon Dynamics. Physical Review Letters, 2019, 122, 193903.	7.8	70
70	Synthetic spinâ€“orbit coupling and topological polaritons in Janeysâ€“Cummings lattices. Npj Quantum Information, 2019, 5, .	6.7	7
71	Simultaneous multi-gas detection between 3 and 4 Î¼m based on a 2.5-m multipass cell and a tunable Fabry-PÃ©rot filter detector. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 216, 154-160.	3.9	9
72	Experimental Investigation on Vertically Oriented Graphene Grown in a Plasma-Enhanced Chemical Vapor Deposition Process. ACS Applied Materials & Interfaces, 2019, 11, 10237-10243.	8.0	30

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73	Method for studying diatomic rovibrational spectra at a given vibrational state. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	2
74	Co-adsorption of an anionic dye in the presence of a cationic dye and a heavy metal ion by graphene oxide and photoreduced graphene oxide. RSC Advances, 2019, 9, 5313-5324.	3.6	29
75	Fano effect in an ultracold atom-molecule coupled system. Physical Review A, 2019, 99, .	2.5	5
76	Rashba and Weyl spin-orbit coupling in an optical lattice clock. Physical Review A, 2019, 100, .	2.5	5
77	Laser Spatial Coherence Suppression With Refractive Optical Elements Toward the Improvement of Speckle Reduction by Light Pipes. IEEE Access, 2019, 7, 172190-172198.	4.2	9
78	Quantum Coherent Modulation-Enhanced Single-Molecule Imaging Microscopy. Journal of Physical Chemistry Letters, 2019, 10, 223-228.	4.6	11
79	Rotamers of pâ€‘isopropylphenol studied by hole-burning resonantly enhanced multiphoton ionization and mass analyzed threshold ionization spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 207, 328-336.	3.9	9
80	Laser-driven propulsion of multilayer graphene oxide flakes. Journal of Materials Chemistry C, 2018, 6, 2329-2335.	5.5	6
81	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
82	Cs <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>62</mml:mn><mml:msub><mml:mi>D</mml:mi><mml:mi><mml:r Rydberg-atom macrodimers formed by long-range multipole interaction. Physical Review A, 2018, 97, .	2.5	22
83	Detection of ultra-low oxygen concentration based on the fluorescence blinking dynamics of single molecules. Applied Physics Letters, 2018, 112, .	3.3	5
84	Laser speckle reduction using motionless image conduits. Optical Review, 2018, 25, 143-148.	2.0	1
85	Excitons and Biexciton Dynamics in Single CsPbBr₃ Perovskite Quantum Dots. Journal of Physical Chemistry Letters, 2018, 9, 6934-6940.	4.6	73
86	Topology-dependent quantum dynamics and entanglement-dependent topological pumping in superconducting qubit chains. Physical Review A, 2018, 98, .	2.5	17
87	Photogalvanic effect induced fully spin polarized current and pure spin current in zigzag SiC nanoribbons. Physical Chemistry Chemical Physics, 2018, 20, 26744-26751.	2.8	42
88	Magnetic order in a Fermi gas induced by cavity-field fluctuations. Physical Review A, 2018, 98, .	2.5	19
89	Superfluid-superradiant mixed phase of the interacting degenerate Fermi gas in an optical cavity. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	3
90	Robust quantum state transfer via topological edge states in superconducting qubit chains. Physical Review A, 2018, 98, .	2.5	99

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91	Pumpâ€“probe and Four-wave Mixing Spectra Arising from Recoil-induced Resonance in an Operating Cesium Magneto-Optical Trap. Journal of the Physical Society of Japan, 2018, 87, 024301.	1.6	1
92	Observation of photoassociation of ultracold sodium and cesium at the asymptote Na (3S1/2) + Cs (6P1/2). Journal of Chemical Physics, 2018, 148, 174304.	3.0	7
93	Weak-scattering static diffuser by fast pumping dispersed-nanoparticles in a long distance using microfluidic flows for efficient laser speckle reduction. Optics Express, 2018, 26, 20270.	3.4	4
94	Observation of Singlet Oxygen with Single-Molecule Photosensitization by Time-Dependent Photon Statistics. Journal of Physical Chemistry Letters, 2018, 9, 5207-5212.	4.6	5
95	Experimental determination of rotational constants of low-lying vibrational levels in the0gâ¯pure long-range state of ultracold Cs 2 molecule. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 191, 13-18.	2.3	4
96	Double antinode excited quartz-enhanced photoacoustic spectrophone. Applied Physics Letters, 2017, 110, .	3.3	33
97	An efficient method for electron-atom scattering using ab-initio calculations. Journal of the Korean Physical Society, 2017, 70, 365-368.	0.7	0
98	Impedance self-matching ultra-narrow linewidth fiber resonator by use of a tunable Ï€-phase-shifted FBG. Scientific Reports, 2017, 7, 1895.	3.3	8
99	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
100	Beat frequency quartz-enhanced photoacoustic spectroscopy for fast and calibration-free continuous trace-gas monitoring. Nature Communications, 2017, 8, 15331.	12.8	213
101	Simultaneous dual-gas QEPAS detection based on a fundamental and overtone combined vibration of quartz tuning fork. Applied Physics Letters, 2017, 110, .	3.3	64
102	Superfluidâ€“Mott-insulator quantum phase transition of light in a two-mode cavity array with ultrastrong coupling. Physical Review A, 2017, 95, .	2.5	4
103	High-efficiency frequency upconversion of 1.5ÂÎ¼m laser based on a doubly resonant external ring cavity with a low finesse for signal field. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	3
104	Enhanced biexciton emission from single quantum dots encased in N-type semiconductor nanoparticles. Applied Physics Letters, 2017, 111, .	3.3	17
105	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
106	Manipulation of photoassociation of ultracold Cs atoms with tunable scattering length by external magnetic fields. Scientific Reports, 2017, 7, 13677.	3.3	6
107	Atom-Based Radio-Frequency Field Calibration and Polarization Measurement Using Cesium <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>n</mml:mi><mml:msub><mml:mrow><mml:mi>D</mml:mi></mml:mrow><mml:mrow><mml:mn	3.8	47
	Floquet States. Physical Review Applied, 2017, 8, .		
108	Re-examination of the Cs2 ground singlet X1Î£g+ and triplet a3Î£u+ states. Journal of Chemical Physics, 2017, 147, 104301.	3.0	12

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109	Quantum mixed phases of a two-dimensional polarized degenerate Fermi gas in an optical cavity. Scientific Reports, 2017, 7, 10568.	3.3	4
110	Interaction-induced exotic vortex states in an optical lattice clock with spin-orbit coupling. Physical Review A, 2017, 96, .	2.5	7
111	Ppb-level H2S detection for SF6 decomposition based on a fiber-amplified telecommunication diode laser and a background-gas-induced high-Q photoacoustic cell. Applied Physics Letters, 2017, 111, .	3.3	48
112	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
113	Symmetry-Protected Topological States for Interacting Fermions in Alkaline-Earth-Like Atoms. Physical Review Letters, 2017, 119, 185701.	7.8	24
114	Reduction of characteristic RL time for fast, efficient magnetic levitation. AIP Advances, 2017, 7, 095016.	1.3	0
115	Stability Enhanced Online Powdery Cement Raw Materials Quality Monitoring Using Laser-Induced Breakdown Spectroscopy. IEEE Photonics Journal, 2017, 9, 1-10.	2.0	6
116	Combination of micro-scanning mirrors and multi-mode fibers for speckle reduction in high lumen laser projector applications. Optics Express, 2017, 25, 3795.	3.4	22
117	Impact of Humidity on Quartz-Enhanced Photoacoustic Spectroscopy Based CO Detection Using a Near-IR Telecommunication Diode Laser. Sensors, 2016, 16, 162.	3.8	49
118	Intensity-Stabilized Fast-Scanned Direct Absorption Spectroscopy Instrumentation Based on a Distributed Feedback Laser with Detection Sensitivity down to 4 Ã— 10â˜’6. Sensors, 2016, 16, 1544.	3.8	12
119	Electric-field-induced interferometric resonance of a one-dimensional spin-orbit-coupled electron. Scientific Reports, 2016, 6, 38851.	3.3	6
120	Analysis of Collisional Cross Sections of Rydberg nS and nD States of Ultracold Caesium Atoms. Journal of the Physical Society of Japan, 2016, 85, 054301.	1.6	3
121	Suppressing the Fluorescence Blinking of Single Quantum Dots Encased in N-type Semiconductor Nanoparticles. Scientific Reports, 2016, 6, 32662.	3.3	42
122	Observation and analysis of the hyperfine structure of near-dissociation levels of the NaCs<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>c</mml:mi><mml:mspace width="0.16em" /><mml:mmultiscripts><mml:mi mathvariant="normal">Î£</mml:mi><mml:none /><mml:mo>+</mml:mo><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:mrow></mml:math>state below the dissociation limit<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>3</mml:mn>	2.5	17
123	Atomicâ€Layered MoS₂ as a Tunable Optical Platform. Advanced Optical Materials, 2016, 4, 1429-1456.	7.3	54
124	Spectroscopy of cesium Rydberg atoms in strong radio-frequency fields. Physical Review A, 2016, 94, .	2.5	41
125	Phase-factor-dependent symmetries and quantum phases in a three-level cavity QED system. Scientific Reports, 2016, 6, 25192.	3.3	5
126	Nonlinear selective reflection spectroscopy of Vâ€type atomic system at the gasâ€solid interface. Annalen Der Physik, 2016, 528, 512-518.	2.4	2

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127	Magnetic levitation for effective loading of cold cesium atoms in a crossed dipole trap. Physical Review A, 2015, 91, .	2.5	20
128	Atom-interferometric measurement of Stark level splittings. Physical Review A, 2015, 92, .	2.5	6
129	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
130	Modulation of the optical transmittance in monolayer graphene oxide by using external electric field. Scientific Reports, 2015, 5, 14441.	3.3	15
131	Splitting of an Electromagnetically Induced Transparency Window of a Cascade System with133Cs Rydberg Atoms in a Static Magnetic Field. Journal of the Physical Society of Japan, 2015, 84, 104301.	1.6	9
132	The determination of potential energy curve and dipole moment of the (5)0+ electronic state of 85Rb133Cs molecule by high resolution photoassociation spectroscopy. Journal of Chemical Physics, 2015, 143, 224312.	3.0	10
133	Observation and deperturbation of near-dissociation ro-vibrational structure of the Cs2 state u+ (A1Î£u+â^¼b3Î+u) at the asymptote 6S1/2 + 6P1/2. Journal of Chemical Physics, 2015, 143, 124307.	3.0	12
134	Unconventional pairings of spin-orbit coupled attractive degenerate Fermi gas in a one-dimensional optical lattice. Scientific Reports, 2015, 5, 14863.	3.3	2
135	Photon Devilâ€™s staircase: photon long-range repulsive interaction in lattices of coupled resonators with Rydberg atoms. Scientific Reports, 2015, 5, 11510.	3.3	13
136	Multi-Quartz Enhanced Photoacoustic Spectroscopy with Different Acoustic Microresonator Configurations. Journal of Spectroscopy, 2015, 2015, 1-6.	1.3	11
137	Optical Detection Technique Using Quartz-Enhanced Photoacoustic Spectrum. International Journal of Thermophysics, 2015, 36, 1297-1304.	2.1	5
138	State-Mixing of nS Rydberg Atoms in an External Electric Field. Journal of the Physical Society of Japan, 2015, 84, 094302.	1.6	0
139	Investigation on ultracold RbCs molecules in (2)0+ long-range state below the Rb(5S1/2) + Cs(6P1/2) asymptote by high resolution photoassociation spectroscopy. Journal of Chemical Physics, 2015, 143, 044311.	3.0	8
140	Design and Optimization of QTF Chopper for Quartz-Enhanced Photoacoustic Spectroscopy. International Journal of Thermophysics, 2015, 36, 1289-1296.	2.1	1
141	Fiber-Amplifier-Enhanced QEPAS Sensor for Simultaneous Trace Gas Detection of NH3 and H2S. Sensors, 2015, 15, 26743-26755.	3.8	38
142	State transfer of nS ultracold Rydberg atoms in external electric fields. European Physical Journal D, 2014, 68, 1.	1.3	2
143	New observation and combined analysis of the Cs2gâ^', u+, and 1g states at the asymptotes 6S1/2 + 6P1/2 and 6S1/2 + 6P3/2. Journal of Chemical Physics, 2014, 141, 244310.	3.0	19
144	Electron Transfer-Based Single Molecule Fluorescence as a Probe for Nano-Environment Dynamics. Sensors, 2014, 14, 2449-2467.	3.8	15

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145	Electric field induced fluorescence hysteresis of single molecules in poly(methyl methacrylate). Applied Physics Letters, 2014, 105, .	3.3	13
146	Creating a tunable spin squeezing via a time-dependent collective atom-photon coupling. Physical Review A, 2014, 89, .	2.5	16
147	Time Evolution of High-l Stark States in Cold Rydberg Atoms. Journal of the Physical Society of Japan, 2014, 83, 114301.	1.6	1
148	Hidden physics in molecular rovibrational spectrum. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 132, 32-37.	3.9	1
149	Laser intensity induced transparency in atom-molecular transition process. Science Bulletin, 2014, 59, 2731-2735.	1.7	2
150	Quantum phases in circuit QED with a superconducting qubit array. Scientific Reports, 2014, 4, 4083.	3.3	45
151	Resonant effect of the strongly-driven Rabi model. European Physical Journal D, 2013, 67, 1.	1.3	2
152	Experimental Determination of the Rotational Constants of High-Lying Vibrational Levels of Ultracold Cs₂ in the 0_g^{â€“} Purely Long-Range State. Journal of Physical Chemistry Letters, 2013, 4, 3612-3617.	4.6	12
153	Finite-temperature Dicke phase transition of a Bose-Einstein condensate in an optical cavity. Physical Review A, 2013, 87, .	2.5	8
154	A full dimensional investigation of infrared spectroscopy of the RbCs dimer using the multi-configuration time-dependent Hartree method. Journal of Chemical Physics, 2013, 139, 244309.	3.0	4
155	Ground-state properties of a Bose-Einstein condensate in an optomechanical cavity. Physical Review A, 2013, 88, .	2.5	12
156	Line Shape Analysis of Ultracold Heteronuclear Molecular Photoassociation Spectroscopy by Resonance-Enhanced Two-Photon Ionization. Journal of the Physical Society of Japan, 2013, 82, 084301.	1.6	1
157	Direct measurement of laser-induced frequency shift rate of ultracold cesium molecules by analyzing losses of trapped atoms. Applied Physics Letters, 2012, 101, 131114.	3.3	8
158	Single molecules probe the polarization dynamics of poly (methyl methacrylate) in external electric field. Applied Physics Letters, 2012, 100, 203118.	3.3	11
159	Thermodynamics of spin-orbit-coupled Bose-Einstein condensates. Physical Review A, 2012, 86, .	2.5	4
160	Analytical solutions for the Rabi model. Physical Review A, 2012, 86, .	2.5	60
161	Measurement of Energy Level Shift of Ultracold Cesium Atoms by Raman Pumpâ€“Probe Spectroscopy. Journal of the Physical Society of Japan, 2012, 81, 104301.	1.6	3
162	Analytical ground state for the Jaynes-Cummings model with ultrastrong coupling. Physical Review A, 2011, 83, .	2.5	30

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163	Light-shift-induced quantum phase transitions of a Bose-Einstein condensate in an optical cavity. Physical Review A, 2011, 83, .	2.5	35
164	Qubit-induced high-order nonlinear interaction of the polar molecules in a stripline cavity. Physical Review A, 2010, 82, .	2.5	10
165	Research on ultracold cesium molecule long-range states by high-resolution photoassociative spectroscopy. Science in China Series G: Physics, Mechanics and Astronomy, 2008, 51, 147-156.	0.2	1
166	Absolute frequency stabilization of a diode laser to cesium atom-molecular hyperfine transitions via modulating molecules. Applied Physics Letters, 2007, 91, 161101.	3.3	22
167	Tunable and frequency-stabilized diode laser using temperature-dependent energy pooling fluorescence. Applied Physics Letters, 2006, 88, 231104.	3.3	2
168	Photon statistics measurement by use of single photon detection. Science Bulletin, 2004, 49, 875-878.	1.7	2
169	Superfluid to Mott-insulator transition in a 1D optical lattice. Chinese Physics B, 0, , .	1.4	0