Qun Zhang

List of Publications by Year
in descending order

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		53751	24232
153	12,665	45	110
papers	citations	h-index	g-index

160	160	160	13196
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Singleâ€Atom Pt as Coâ€Catalyst for Enhanced Photocatalytic H₂ Evolution. Advanced Materials, 2016, 28, 2427-2431.	11.1	1,156
2	Steering charge kinetics in photocatalysis: intersection of materials syntheses, characterization techniques and theoretical simulations. Chemical Society Reviews, 2015, 44, 2893-2939.	18.7	955
3	Visible-Light Photoreduction of CO₂ in a Metalâ€“Organic Framework: Boosting Electronâ€“Hole Separation via Electron Trap States. Journal of the American Chemical Society, 2015, 137, 13440-13443.	6.6	927
4	Defect-Mediated Electronâ€“Hole Separation in One-Unit-Cell ZnIn₂S₄ Layers for Boosted Solar-Driven CO₂ Reduction. Journal of the American Chemical Society, 2017, 139, 7586-7594.	6.6	764
5	Oxygen-Vacancy-Mediated Exciton Dissociation in BiOBr for Boosting Charge-Carrier-Involved Molecular Oxygen Activation. Journal of the American Chemical Society, 2018, 140, 1760-1766.	6.6	651
6	Single Pt Atoms Confined into a Metalâ€“Organic Framework for Efficient Photocatalysis. Advanced Materials, 2018, 30, 1705112.	11.1	599
7	Boosting Photocatalytic Hydrogen Production of a Metalâ€“Organic Framework Decorated with Platinum Nanoparticles: The Platinum Location Matters. Angewandte Chemie - International Edition, 2016, 55, 9389-9393.	7.2	513
8	Enhanced Photoexcited Carrier Separation in Oxygenâ€Doped ZnIn₂S₄ Nanosheets for Hydrogen Evolution. Angewandte Chemie - International Edition, 2016, 55, 6716-6720.	7.2	454
9	Ce³⁺-Doping to Modulate Photoluminescence Kinetics for Efficient CsPbBr₃ Nanocrystals Based Light-Emitting Diodes. Journal of the American Chemical Society, 2018, 140, 3626-3634.	6.6	442
10	Enhanced Singlet Oxygen Generation in Oxidized Graphitic Carbon Nitride for Organic Synthesis. Advanced Materials, 2016, 28, 6940-6945.	11.1	397
11	Integration of an Inorganic Semiconductor with a Metalâ€“Organic Framework: A Platform for Enhanced Gaseous Photocatalytic Reactions. Advanced Materials, 2014, 26, 4783-4788.	11.1	380
12	A Promoted Charge Separation/Transfer System from Cu Single Atoms and C₃N₄ Layers for Efficient Photocatalysis. Advanced Materials, 2020, 32, e2003082.	11.1	333
13	Switching on the Photocatalysis of Metalâ€“Organic Frameworks by Engineering Structural Defects. Angewandte Chemie - International Edition, 2019, 58, 12175-12179.	7.2	310
14	Metalâ€“Organic Framework Coating Enhances the Performance of Cu₂O in Photoelectrochemical CO₂ Reduction. Journal of the American Chemical Society, 2019, 141, 10924-10929.	6.6	219
15	Few-Nanometer-Sized Î±-CsPbI₃ Quantum Dots Enabled by Strontium Substitution and Iodide Passivation for Efficient Red-Light Emitting Diodes. Journal of the American Chemical Society, 2019, 141, 2069-2079.	6.6	218
16	Optically Switchable Photocatalysis in Ultrathin Black Phosphorus Nanosheets. Journal of the American Chemical Society, 2018, 140, 3474-3480.	6.6	210
17	Designing pâ€Type Semiconductorâ€“Metal Hybrid Structures for Improved Photocatalysis. Angewandte Chemie - International Edition, 2014, 53, 5107-5111.	7.2	176
18	Molecular co-catalyst accelerating hole transfer for enhanced photocatalytic H2 evolution. Nature Communications, 2015, 6, 8647.	5.8	172

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19	Atomicâ€Layerâ€Confined Doping for Atomicâ€Level Insights into Visibleâ€Light Water Splitting. Angewandte Chemie - International Edition, 2015, 54, 9266-9270.	7.2	158
20	Tunable Oxygen Activation for Catalytic Organic Oxidation: Schottky Junction versus Plasmonic Effects. Angewandte Chemie - International Edition, 2014, 53, 3205-3209.	7.2	136
21	Unraveling Surface Plasmon Decay in Coreâ€“Shell Nanostructures toward Broadband Light-Driven Catalytic Organic Synthesis. Journal of the American Chemical Society, 2016, 138, 6822-6828.	6.6	136
22	Insights into the excitonic processes in polymeric photocatalysts. Chemical Science, 2017, 8, 4087-4092.	3.7	136
23	A Unique Semiconductorâ€“Metalâ€“Graphene Stack Design to Harness Charge Flow for Photocatalysis. Advanced Materials, 2014, 26, 5689-5695.	11.1	134
24	Boosting Photocatalytic Hydrogen Production of a Metalâ€“Organic Framework Decorated with Platinum Nanoparticles: The Platinum Location Matters. Angewandte Chemie, 2016, 128, 9535-9539.	1.6	122
25	Insight into Electrocatalysts as Co-catalysts in Efficient Photocatalytic Hydrogen Evolution. ACS Catalysis, 2016, 6, 4253-4257.	5.5	120
26	A Unique Ternary Semiconductorâ€“(Semiconductor/Metal) Nanoâ€Architecture for Efficient Photocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2015, 54, 11495-11500.	7.2	118
27	Improving Leadâ€Free Double Perovskite Cs₂NaBiCl₆ Nanocrystal Optical Properties via Ion Doping. Advanced Optical Materials, 2020, 8, 1901919.	3.6	118
28	Coherent Random Fiber Laser Based on Nanoparticles Scattering in the Extremely Weakly Scattering Regime. Physical Review Letters, 2012, 109, 253901.	2.9	108
29	Oxyhydroxide Nanosheets with Highly Efficient Electronâ€“Hole Pair Separation for Hydrogen Evolution. Angewandte Chemie - International Edition, 2016, 55, 2137-2141.	7.2	99
30	Inâ€…situ Integration of a Metallic 1Tâ€MoS₂/CdS Heterostructure as a Means to Promote Visibleâ€Lightâ€Driven Photocatalytic Hydrogen Evolution. ChemCatChem, 2016, 8, 2614-2619.	1.8	98
31	A New Cubic Phase for a NaYF₄ Host Matrix Offering High Upconversion Luminescence Efficiency. Advanced Materials, 2015, 27, 5528-5533.	11.1	94
32	Efficient infrared light induced CO2 reduction with nearly 100% CO selectivity enabled by metallic CoN porous atomic layers. Nano Energy, 2020, 69, 104421.	8.2	88
33	Efficient and Color-Tunable Quasi-2D CsPbBr_xCl_{3â€“x} Perovskite Blue Light-Emitting Diodes. ACS Photonics, 2019, 6, 667-676.	3.2	87
34	A hierarchical heterostructure of CdS QDs confined on 3D ZnIn2S4 with boosted charge transfer for photocatalytic CO2 reduction. Nano Research, 2021, 14, 81-90.	5.8	84
35	Experimental Identification of Ultrafast Reverse Hole Transfer at the Interface of the Photoexcited Methanol/Graphitic Carbon Nitride System. Angewandte Chemie - International Edition, 2018, 57, 5320-5324.	7.2	71
36	The Realistic Domain Structure of As-Synthesized Graphene Oxide from Ultrafast Spectroscopy. Journal of the American Chemical Society, 2013, 135, 12468-12474.	6.6	64

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37	Free-standing homochiral 2D monolayers by exfoliation of molecular crystals. Nature, 2022, 602, 606-611.	13.7	60
38	Polymerization-Enhanced Intersystem Crossing: New Strategy to Achieve Long-Lived Excitons. Macromolecular Rapid Communications, 2015, 36, 298-303.	2.0	59
39	Atomic palladium on graphitic carbon nitride as a hydrogen evolution catalyst under visible light irradiation. Communications Chemistry, 2019, 2, .	2.0	57
40	Hydrogenâ€Dopingâ€Induced Metalâ€Like Ultrahigh Freeâ€Carrier Concentration in Metalâ€Oxide Material for Giant and Tunable Plasmon Resonance. Advanced Materials, 2020, 32, e2004059.	11.1	57
41	Switching on the Photocatalysis of Metalâ€“Organic Frameworks by Engineering Structural Defects. Angewandte Chemie, 2019, 131, 12303-12307.	1.6	55
42	Site Sensitivity of Interfacial Charge Transfer and Photocatalytic Efficiency in Photocatalysis: Methanol Oxidation on Anatase TiO₂ Nanocrystals. Angewandte Chemie - International Edition, 2021, 60, 6160-6169.	7.2	52
43	Increasing Photothermal Efficacy by Simultaneous Intraâ€and Intermolecular Fluorescence Quenching. Advanced Functional Materials, 2020, 30, 1908073.	7.8	49
44	Room temperature precipitated dual phase CsPbBr₃â€“CsPb₂Br₅ nanocrystals for stable perovskite light emitting diodes. Nanoscale, 2018, 10, 19262-19271.	2.8	48
45	Ketones as Molecular Coâ€catalysts for Boosting Excitonâ€Based Photocatalytic Molecular Oxygen Activation. Angewandte Chemie - International Edition, 2020, 59, 11093-11100.	7.2	43
46	A Unique Feâ€“N₄ Coordination System Enabling Transformation of Oxygen into Superoxide for Photocatalytic Cï£¿H Activation with High Efficiency and Selectivity. Advanced Materials, 2022, 34, e2200612.	11.1	43
47	Enhanced Photoexcited Carrier Separation in Oxygenâ€Doped ZnIn₂S₄ Nanosheets for Hydrogen Evolution. Angewandte Chemie, 2016, 128, 6828-6832.	1.6	42
48	High Color Purity and Efficient Green Light-Emitting Diode Using Perovskite Nanocrystals with the Size Overly Exceeding Bohr Exciton Diameter. Journal of the American Chemical Society, 2021, 143, 19928-19937.	6.6	41
49	Structure defects promoted exciton dissociation and carrier separation for enhancing photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2020, 264, 118480.	10.8	40
50	Rupturing C60Molecules into Graphene-Oxide-like Quantum Dots: Structure, Photoluminescence, and Catalytic Application. Small, 2015, 11, 5296-5304.	5.2	39
51	Calcium-tributylphosphine oxide passivation enables the efficiency of pure-blue perovskite light-emitting diode up to 3.3%. Science Bulletin, 2020, 65, 1150-1153.	4.3	39
52	Improving the photovoltaic performance of solid-state ZnO/CdTe coreâ€“shell nanorod array solar cells using a thin CdS interfacial layer. Journal of Materials Chemistry A, 2014, 2, 5675-5681.	5.2	34
53	Efficient visible light photocatalysis enabled by the interaction between dual cooperative defect sites. Applied Catalysis B: Environmental, 2020, 274, 119099.	10.8	34
54	Photoexcited Electron Dynamics of Nitrogen Fixation Catalyzed by Ruthenium Single-Atom Catalysts. Journal of Physical Chemistry Letters, 2020, 11, 9579-9586.	2.1	32

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55	Random fiber laser of POSS solution-filled hollow optical fiber by end pumping. Optics Communications, 2012, 285, 3967-3970.	1.0	31
56	Great Disparity in Photoluminesence Quantum Yields of Colloidal CsPbBr₃ Nanocrystals with Varied Shape: The Effect of Crystal Lattice Strain. Journal of Physical Chemistry Letters, 2017, 8, 3115-3121.	2.1	30
57	Visible-Light Photoexcited Electron Dynamics of Scandium Endohedral Metallofullerenes: The Cage Symmetry and Substituent Effects. Journal of the American Chemical Society, 2015, 137, 8769-8774.	6.6	29
58	Suppressing Auger Recombination in Cesium Lead Bromide Perovskite Nanocrystal Film for Bright Light-Emitting Diodes. Journal of Physical Chemistry Letters, 2020, 11, 9371-9378.	2.1	29
59	Graphene Grown on Anataseâ€“TiO₂ Nanosheets: Enhanced Photocatalytic Activity on Basis of a Well-Controlled Interface. Journal of Physical Chemistry C, 2018, 122, 6388-6396.	1.5	28
60	Oxyhydroxide Nanosheets with Highly Efficient Electronâ€“Hole Pair Separation for Hydrogen Evolution. Angewandte Chemie, 2016, 128, 2177-2181.	1.6	26
61	Probing the ultrafast dynamics in nanomaterial complex systems by femtosecond transient absorption spectroscopy. High Power Laser Science and Engineering, 2016, 4, .	2.0	26
62	Efficient Exciton Dissociation in Heterojunction Interfaces Realizing Enhanced Photoresponsive Performance. Journal of Physical Chemistry Letters, 2019, 10, 2904-2910.	2.1	26
63	Negative thermal quenching of photoluminescence in a copperâ€“organic framework emitter. Chemical Communications, 2020, 56, 12057-12060.	2.2	22
64	Impact of Element Doping on Photoexcited Electron Dynamics in CdS Nanocrystals. Journal of Physical Chemistry Letters, 2017, 8, 5680-5686.	2.1	20
65	Ultraefficient Singlet Oxygen Generation from Manganese-Doped Cesium Lead Chloride Perovskite Quantum Dots. ACS Nano, 2020, 14, 12596-12604.	7.3	20
66	Ce-Doped W₁₈O₄₉ Nanowires for Tuning N₂ Activation toward Direct Nitrate Photosynthesis. Journal of Physical Chemistry Letters, 2021, 12, 11295-11302.	2.1	20
67	High Quality CsPbI_{3â^'}_xBr_x Thin Films Enabled by Synergetic Regulation of Fluorine Polymers and Amino Acid Molecules for Efficient Pure Red Light Emitting Diodes. Advanced Optical Materials, 2021, 9, 2001684.	3.6	19
68	Determining the Chargeâ€Transfer Direction in a pâ€“n Heterojunction BiOCl/gâ€C₃N₄ Photocatalyst by Ultrafast Spectroscopy. ChemPhotoChem, 2017, 1, 350-354.	1.5	18
69	Rational design of functional materials guided by single particle chemiluminescence imaging. Chemical Science, 2019, 10, 5444-5451.	3.7	18
70	Forming electron traps deactivates self-assembled crystalline organic nanosheets toward photocatalytic overall water splitting. Science Bulletin, 2021, 66, 265-274.	4.3	18
71	How Graphene Oxide Quenches Fluorescence of Rhodamine 6G. Chinese Journal of Chemical Physics, 2013, 26, 252-258.	0.6	16
72	Fluorescent switch for fast and selective detection of mercury (II) ions in vitro and in living cells and a simple device for its removal. Talanta, 2014, 125, 204-209.	2.9	16

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73	Experimental Identification of Ultrafast Reverse Hole Transfer at the Interface of the Photoexcited Methanol/Graphitic Carbon Nitride System. Angewandte Chemie, 2018, 130, 5418-5422.	1.6	15
74	Electronic Band Systems of SF2 Radicals Observed by Resonance-Enhanced Multiphoton Ionization. Journal of Physical Chemistry A, 1998, 102, 7233-7240.	1.1	14
75	Threshold ion-pair production spectroscopy of HCN. Journal of Chemical Physics, 2006, 124, 074310.	1.2	14
76	[1 + 1] photodissociation of ${m CS}_{m 2}^ + (ilde X{}^{m 2}Pi _g)$CS2+(Xl$f2Îg) via the vibrationally mediated $ilde B^{m 2} Sigma _u^ +$Bl$f2Î£u+ state: Multichannels exhibiting and mode specific dynamics. Journal of Chemical Physics, 2011, 134, 114309.	1.2	12
77	Location effect in a photocatalytic hybrid system of metal-organic framework interfaced with semiconductor nanoparticles. Chinese Journal of Chemical Physics, 2018, 31, 613-618.	0.6	12
78	Optical amplification of Eu(TTA)_3Phensolution-filled hollow optical fiber. Optics Letters, 2011, 36, 1902.	1.7	11
79	Negative/Zero Thermal Quenching of Luminescence via Electronic Structural Transition in Copperâ€“Iodide Cluster-Based Coordination Networks. Journal of Physical Chemistry Letters, 2021, 12, 8237-8245.	2.1	11
80	A new excited electronic state of SF2 radical observed by resonance-enhanced multiphoton ionization. Chemical Physics Letters, 1999, 305, 79-84.	1.2	10
81	Laser-induced fluorescence spectroscopy of FeS in the visible region. Journal of Molecular Spectroscopy, 2009, 255, 101-105.	0.4	10
82	Multiphoton dissociative ionization of tert-pentyl bromide near 265 nm. Journal of Chemical Physics, 2011, 135, 244302.	1.2	10
83	Remarkable enhancement of photovoltaic performance of ZnO/CdTe coreâ€“shell nanorod array solar cells through interface passivation with a TiO2 layer. RSC Advances, 2015, 5, 71883-71889.	1.7	10
84	Retrieving the Rate of Reverse Intersystem Crossing from Ultrafast Spectroscopy. Journal of Physical Chemistry Letters, 2016, 7, 3908-3912.	2.1	10
85	Surface Plasmon Assisted Directional Rayleigh Scattering. Chinese Journal of Chemical Physics, 2017, 30, 135-138.	0.6	10
86	Amorphous TiO2 as a multifunctional interlayer for boosting the efficiency and stability of the CdS/cobaloxime hybrid system for photocatalytic hydrogen production. Nanoscale, 2020, 12, 11267-11279.	2.8	10
87	Doping copper ions in a metal-organic framework (UiO-66-NH2): Location effect examined by ultrafast spectroscopy. Chinese Journal of Chemical Physics, 2020, 33, 394-400.	0.6	9
88	Ketones as Molecular Coâ€catalysts for Boosting Excitonâ€Based Photocatalytic Molecular Oxygen Activation. Angewandte Chemie, 2020, 132, 11186-11193.	1.6	9
89	Reactions of C2(aâ€‰â^3u) with selected saturated alkanes: A temperature dependence study. Journal of Chemical Physics, 2010, 132, 164312.	1.2	8
90	Photodissociation of 2-Bromobutane by Ion-velocity Map Imaging Technique. Chinese Journal of Chemical Physics, 2011, 24, 647-652.	0.6	8

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91	Bringing light into the dark triplet space of molecular systems. Physical Chemistry Chemical Physics, 2015, 17, 13129-13136.	1.3	8
92	Mechanistic Insights into the Fluorescence Quenching of Rhodamine 6G by Graphene Oxide. Chinese Journal of Chemical Physics, 2018, 31, 165-170.	0.6	8
93	Energy transfer and electron transfer in composite system of carbon quantum dots/rhodamine B molecules. Chinese Journal of Chemical Physics, 2019, 32, 643-648.	0.6	8
94	The laser-induced fluorescence study of A2Î£â^'â€“X2Îi band system of CuS. Journal of Molecular Spectroscopy, 2008, 252, 77-80.	0.4	7
95	Absorption spectra of AsH2 radical in 435â€“510nm by cavity ringdown spectroscopy. Journal of Molecular Spectroscopy, 2009, 256, 192-197.	0.4	7
96	Experimental Determination of the Vibrational Constants of FeS(X5Î") by Dispersed Fluorescence Spectroscopy. Chinese Journal of Chemical Physics, 2011, 24, 1-3.	0.6	7
97	Mode specific photodissociation of CS2+via the A2Îu state: a time-sliced velocity map imaging study. Physical Chemistry Chemical Physics, 2012, 14, 2468.	1.3	7
98	Note: Vibrationally mediated photodissociation of carbon dioxide cation. Journal of Chemical Physics, 2013, 139, 166101.	1.2	7
99	Efficient and tunable fluorescence energy transfer via long-lived polymer excitons. Polymer Chemistry, 2015, 6, 1698-1702.	1.9	7
100	Site Sensitivity of Interfacial Charge Transfer and Photocatalytic Efficiency in Photocatalysis: Methanol Oxidation on Anatase TiO 2 Nanocrystals. Angewandte Chemie, 2021, 133, 6225-6234.	1.6	7
101	Photolysis of n-butyl nitrite and isoamyl nitrite at 355 nm: A time-resolved Fourier transform infrared emission spectroscopy and ab initio study. Journal of Chemical Physics, 2009, 130, 174314.	1.2	6
102	Spectroscopy of nickel monosulfide in 450â€“560nm by laser-induced fluorescence and dispersed fluorescence techniques. Chemical Physics Letters, 2010, 493, 245-250.	1.2	6
103	Proton-coupled charge-transfer reactions and photoacidity of N, N -dimethyl-3-arylpropan-1-ammonium chloride salts. Photochemical and Photobiological Sciences, 2017, 16, 972-984.	1.6	6
104	Photodissociation Dynamics of Carbon Dioxide Cation via the Vibrationally Mediated Ãƒ2Îu,1/2 State: A Time-Sliced Velocity-Mapped Ion Imaging Study. Chinese Journal of Chemical Physics, 2017, 30, 123-127.	0.6	6
105	Study on the resonance-enhanced multiphoton ionization of the 4s and CÌƒ states of SF2 radicals. Journal of Electron Spectroscopy and Related Phenomena, 2000, 108, 135-139.	0.8	5
106	Observation of above-threshold dissociation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Na</mml:mi><mml:mn>2</mml:mn><mml:none /><mml:none /><mml:mo>+</mml:mo></mml:mmultiscripts></mml:math>in intense laser fields. Physical Review A, 2008, 78, .	1.0	5
107	Laser-induced Fluorescence and Dispersed Fluorescence Spectroscopy of NiB: Identification of a New 2Î State in 19000â€“22100 cmâ^'1. Chinese Journal of Chemical Physics, 2010, 23, 626-629.	0.6	5
108	Time-sliced Velocity Map Imaging Study on Photodissociation of Neopentyl Bromide andTert-pentyl Bromide at 234 nm. Chinese Journal of Chemical Physics, 2011, 24, 631-634.	0.6	5

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109	Interfacially Al-doped ZnO nanowires: greatly enhanced near band edge emission through suppressed electronâ€“phonon coupling and confined optical field. Physical Chemistry Chemical Physics, 2017, 19, 9537-9544.	1.3	5
110	Hydrogenated Oxide as Novel Quasi-metallic Cocatalyst for Efficient Visible-Light Driven Photocatalytic Water Splitting. Journal of Physical Chemistry C, 2021, 125, 12672-12681.	1.5	5
111	A Red-Emitting Cu(I)â€“Halide Cluster Phosphor with Near-Unity Photoluminescence Efficiency for High-Power wLED Applications. Molecules, 2022, 27, 4441.	1.7	5
112	Coherent control and phase locking of two-photon processes in the nanosecond domain. Journal of the Optical Society of America B: Optical Physics, 2003, 20, 2255.	0.9	4
113	Laser-induced Fluorescence Excitation Spectrum of NiS in 1550017200 cm1. Chinese Journal of Chemical Physics, 2009, 22, 668-672.	0.6	4
114	Resonance-enhanced photon excitation spectroscopy of the even-parity autoionizing Rydberg states of Kr. Science in China Series B: Chemistry, 2009, 52, 161-168.	0.8	4
115	Laser-induced Fluorescence Spectrum of CoS Between 15200 and 19000 cmâ^'1. Chinese Journal of Chemical Physics, 2010, 23, 262-268.	0.6	4
116	Using Ionâ€velocity Map Imaging Technique to Study Photodissociation of 2â€Bromopentane. Chinese Journal of Chemical Physics, 2013, 26, 493-497.	0.6	4
117	Ion-Velocity Map Imaging Study of Photodissociation Dynamics of Acetaldehyde. Chinese Journal of Chemical Physics, 2014, 27, 249-255.	0.6	4
118	Semiconductors: A Unique Semiconductor-Metal-Graphene Stack Design to Harness Charge Flow for Photocatalysis (Adv. Mater. 32/2014). Advanced Materials, 2014, 26, 5578-5578.	11.1	4
119	Laser-launched evanescent surface plasmon polariton field utilized as a direct coherent pumping source to generate emitted nonlinear four-wave mixing radiation. Optics Express, 2011, 19, 4991.	1.7	3
120	Note: Single-ultraviolet-photon dissociation dynamics of ${m CS}_{m 2}^ + (ilde X{}^2Pi _g)$ CS 2+(Xìƒ2Îg) in 227â€“243 nm revealed by time-sliced velocity map imaging. Journal of Chemical Physics, 2011, 135, 116102.	1.2	3
121	Laserâ€induced Fluorescence Spectroscopy of CoS: Identification of a New Excited State Arising from the Ground State. Chinese Journal of Chemical Physics, 2013, 26, 701-704.	0.6	3
122	Metalâ€“Organic Frameworks: Integration of an Inorganic Semiconductor with a Metalâ€“Organic Framework: A Platform for Enhanced Gaseous Photocatalytic Reactions (Adv. Mater. 28/2014). Advanced Materials, 2014, 26, 4907-4907.	11.1	3
123	Multi-domain high-resolution platform for integrated spectroscopy and microscopy characterizations. Chinese Journal of Chemical Physics, 2020, 33, 680-685.	0.6	3
124	Kinetic studies on state-state coupling and collisional quenching of excited sulfur dioxide. International Journal of Chemical Kinetics, 1998, 30, 831-837.	1.0	2
125	In situ accurate determination of the zero time delay between two independent ultrashort laser pulses by observing the oscillation of an atomic excited wave packet. Optics Letters, 2008, 33, 1893.	1.7	2
126	Observation of the 5p Rydberg states of sulfur difluoride radical by resonance-enhanced multiphoton ionization spectroscopy. Journal of Chemical Physics, 2008, 128, 144306.	1.2	2

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127	Resonance-Enhanced Photon Excitation Spectroscopy of the Even-Parity Autoionizing Rydberg States of Xe. Chinese Journal of Chemical Physics, 2008, 21, 401-406.	0.6	2
128	Reaction of C2(aâ€‰Î3u) with methanol: Temperature dependence and deuterium isotope effect. Journal of Chemical Physics, 2010, 133, 114306.	1.2	2
129	Photodissociation of 2-Bromobutane at âˆ¼265 nm by Ion-velocity Map Imaging Technique. Chinese Journal of Chemical Physics, 2012, 25, 373-378.	0.6	2
130	Note: Observation of a new electronically excited state of cobalt monoxide. Journal of Chemical Physics, 2012, 137, 206101.	1.2	2
131	Laser-induced Fluorescence Spectroscopy of NiCl in 12900â€“15000 cmâˆ’1. Chinese Journal of Chemical Physics, 2012, 25, 631-635.	0.6	2
132	Laserâ€induced Fluorescence Spectroscopy of NiO between 510 and 650 nm. Chinese Journal of Chemical Physics, 2013, 26, 512-518.	0.6	2
133	Photodissociation dynamics of dichlorodifluoromethane (CF2Cl2) around 235â€…nm using time-sliced velocity map imaging technology. Chinese Journal of Chemical Physics, 2019, 32, 406-410.	0.6	2
134	Unraveling the Effect of Surface Ligands on the Auger Process in an Inorganic Perovskite Quantum-Dot System. Journal of Physical Chemistry Letters, 2022, 13, 2943-2949.	2.1	2
135	Soluble Hybrid Ionic Semiconductor and Its Photovoltaic Effect in Solution. ACS Applied Materials & Interfaces, 0, , .	4.0	2
136	Laser-induced atomic fragment fluorescence spectroscopy: A facile technique for molecular spectroscopy of spin-forbidden states. Review of Scientific Instruments, 2009, 80, 033111.	0.6	1
137	Phaseâ€locking of two independent degenerate coherent antiâ€Stokes Raman scattering processes: concept, proposed allâ€optical implementation, and potential applications. Journal of Raman Spectroscopy, 2011, 42, 1743-1746.	1.2	1
138	Cavity Ringdown Spectroscopy of PH2 Radical in 465â€“555 nm. Chinese Journal of Chemical Physics, 2011, 24, 8-15.	0.6	1
139	Helium Droplets: An Apparatus to Study Ultra Cold Chemistry. Chinese Journal of Chemical Physics, 2013, 26, 270-276.	0.6	1
140	Laserâ€induced Fluorescence Spectroscopy of NiS: Identification of a Lowâ€lying Electronic State. Chinese Journal of Chemical Physics, 2013, 26, 140-144.	0.6	1
141	The laser-induced fluorescence spectroscopy of yttrium monosulfide. Journal of Molecular Spectroscopy, 2015, 313, 49-53.	0.4	1
142	Element doping-induced effects in Zn-doped CdTe quantum-dot system: Insights from an ultrafast dynamics perspective. Journal of Chemical Physics, 2022, 156, 034701.	1.2	1
143	State-selective excitonâ€“plasmon interplay in a hybrid WSe₂/CuFeS₂ nanosystem. Journal of Chemical Physics, 2022, 156, 144701.	1.2	1
144	Phononic Fine-Tuning in a Prototype Two-Dimensional Hybrid Organicâ€“Inorganic Perovskite System. Journal of Physical Chemistry Letters, 2022, 13, 5480-5487.	2.1	1

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145	Resonance-enhanced multiphoton ionization spectroscopy of SF 2 radical. , 1998, , .		0
146	On the photofragmentation of SF2+: Experimental evidence for a predissociation channel. Journal of Chemical Physics, 2008, 129, 166101.	1.2	0
147	B-X and C-X Band Systems of CuCl Revisited: Laser-induced Fluorescence Study in 465â€“490 nm. Chinese Journal of Chemical Physics, 2010, 23, 249-251.	0.6	0
148	Photodissociation Dynamics of Carbonyl Sulfide in Helium Droplets. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2013, 29, 1886-1890.	2.2	0
149	Photodissociation dynamics of carbon dioxide cation via the vibrationally mediated A~2Îu,1/2Ï...1,Ï...2,0/B~2Î£u+0,0,0 states in the wavelength range of 282â€“293Ânm. Chemical Physics Letters, 2020, 756, 137754.	2.2	0
150	Photocatalytic N2 fixation by plasmonic Mo-doped TiO2 semiconductor. Chinese Journal of Chemical Physics, 2021, 34, 413-418.	0.6	0
151	Temperature Dependence of C₂(X¹Σ_g⁺) in Reactions with Unsaturated Hydrocarbons. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2013, 29, 683-688.	2.2	0
152	Temperature Dependence of C₂(a³ÐŸ_u) Radical Reactions with Sulfur Bearing Molecules. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2014, 30, 797-802.	2.2	0
153	Impact of structural disorder on excitonic behaviors and dynamics in 2D organic-inorganic hybrid perovskites. Chinese Journal of Chemical Physics, 2020, 33, 561-568.	0.6	0