Yang Chen

List of Publications by Year
in descending order

49	292	1163117 8	1058476 14
papers	citations	h-index	g-index

50	50	50	249
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantum Key Distribution over 658Âkm Fiber with Distributed Vibration Sensing. Physical Review Letters, 2022, 128, 180502.	7.8	38
2	Application countermeasures of non-incineration technologies for medical waste treatment in China. Waste Management and Research, 2013, 31, 1237-1244.	3.9	24
3	Gyrokinetic particle simulation of fast-electron driven beta-induced AflvÃ©n eigenmode. Physics of Plasmas, 2016, 23, 052504.	1.9	24
4	High-resolution electronic spectra of yttrium oxide (YO): The D2Î£+â€“X2Î£+ transition. Journal of Chemical Physics, 2017, 146, 114303.	3.0	19
5	A cryogenic cylindrical ion trap velocity map imaging spectrometer. Review of Scientific Instruments, 2019, 90, 013101.	1.3	15
6	Note: Pulsed single longitudinal mode optical parametric oscillator for sub-Doppler spectroscopy of jet cooled transient species. Review of Scientific Instruments, 2017, 88, 126108.	1.3	13
7	A²Î_u and 1⁴Î£_u^{â€“} States of Br₂⁺ Studied by [1+1] Two-Photon Dissociation Spectroscopy in a Cold Ion Beam. Journal of Physical Chemistry A, 2019, 123, 4609-4615.	2.5	9
8	Resonance-enhanced multiphoton ionization spectroscopy on the Bâ€²2Î£+ and B2Î states of NS. Science Bulletin, 2007, 52, 596-602.	1.7	8
9	Photodissociation of 2-Bromobutane by Ion-velocity Map Imaging Technique. Chinese Journal of Chemical Physics, 2011, 24, 647-652.	1.3	8
10	Experimental Determination of the Vibrational Constants of FeS(X5Î”) by Dispersed Fluorescence Spectroscopy. Chinese Journal of Chemical Physics, 2011, 24, 1-3.	1.3	7
11	N-loss photodissociation dynamics of N2O+(B2Î) near the NO+(Î£+1) + N(2P) dissociation limit. Journal of Chemical Physics, 2019, 150, 226101.	3.0	7
12	Verification of Energetic-Particle-Induced Geodesic Acoustic Mode in Gyrokinetic Particle Simulations. Chinese Physics Letters, 2020, 37, 095201.	3.3	7
13	High-Resolution Laser Spectroscopic Survey of the H³Î£_u^{â€“}â€“X³Î£_g^{â€“} Electronic Transition of Si₂. Journal of Physical Chemistry A, 2020, 124, 2972-2981.	2.5	7
14	Photodissociation dynamics of OCS at â¼210 nm: The role of c(23Aâ€³) state. Journal of Chemical Physics, 2017, 147, 013930.	3.0	6
15	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.	1.3	6
16	Transitional Process of Ploy(N-isopropylacrylamide) in Deuterated Solution. Chinese Journal of Chemical Physics, 2009, 22, 447-452.	1.3	5
17	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.	1.3	5
18	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.	1.3	5

#	Article	IF	Citations
19	Note: Ultraviolet photodissociation dynamics of o-bromofluorobenzene in 234â€“267 nm. Journal of Chemical Physics, 2017, 147, 226101.	3.0	5
20	Verification of an energetic-electron-driven Î²-induced AlfvÃ©n eigenmode in the HL-2A tokamak. Physics of Plasmas, 2019, 26, 102507.	1.9	5
21	Probing the Charge-Transfer Potential Energy Surfaces by the Photodissociation of [Arâ€“N₂]⁺. Journal of Physical Chemistry Letters, 2021, 12, 4012-4017.	4.6	5
22	F2 +-X2+ Band System of Cobalt Carbide. Chinese Journal of Chemical Physics, 2008, 21, 505-509.	1.3	4
23	Laser-induced Fluorescence Excitation Spectrum of NiS in 1550017200 cm1. Chinese Journal of Chemical Physics, 2009, 22, 668-672.	1.3	4
24	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
25	Laser-induced Fluorescence Spectrum of CoS Between 15200 and 19000 cmâ¯1. Chinese Journal of Chemical Physics, 2010, 23, 262-268.	1.3	4
26	Line-profile analysis of excitation spectroscopy in the even 4p5(2P1/2)nlâ€² [Kâ€²] J (lâ€² = 1,3) autoionizing resonances of Kr. Science China Chemistry, 2013, 56, 1623-1632.	8.2	4
27	Using Ionâ€velocity Map Imaging Technique to Study Photodissociation of 2â€Bromopentane. Chinese Journal of Chemical Physics, 2013, 26, 493-497.	1.3	4
28	Ion-Velocity Map Imaging Study of Photodissociation Dynamics of Acetaldehyde. Chinese Journal of Chemical Physics, 2014, 27, 249-255.	1.3	4
29	Dissociation dynamics of carbon dioxide cation (CO2+) in the C2Î£g+ state via [1+1] two-photon excitation. Journal of Chemical Physics, 2020, 152, 134304.	3.0	4
30	Analysis of the LIF Spectroscopy of Nickel Hydride in 1900021400 cm1. Chinese Journal of Chemical Physics, 2008, 21, 308-313.	1.3	3
31	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.	1.3	3
32	Resonanceâ€Enhanced Photon Excitation Spectroscopy of the Evenâ€Parity 3p5(2P1/2)nlâ€² [Kâ€²]J (lâ€²=1, 3) Autoionizing Rydberg States of Ar. Chinese Journal of Chemical Physics, 2013, 26, 259-264.	1.3	3
33	Imaging Isocyanic Acid Photodissociation at 193 nm: the NH(a1Î”)+CO(X1Î£+) Channel. Chinese Journal of Chemical Physics, 2018, 31, 27-32.	1.3	3
34	Resonance-Enhanced Photon Excitation Spectroscopy of the Even-Parity Autoionizing Rydberg States of Xe. Chinese Journal of Chemical Physics, 2008, 21, 401-406.	1.3	2
35	Photodissociation of 2-Bromobutane at â¼265 nm by Ion-velocity Map Imaging Technique. Chinese Journal of Chemical Physics, 2012, 25, 373-378.	1.3	2
36	Laser-induced Fluorescence Spectroscopy of NiCl in 12900â€“15000 cmâ¯1. Chinese Journal of Chemical Physics, 2012, 25, 631-635.	1.3	2

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37	Laserâ€induced Fluorescence Spectroscopy of NiO between 510 and 650 nm. Chinese Journal of Chemical Physics, 2013, 26, 512-518.	1.3	2
38	Photodissociation dynamics of dichlorodifluoromethane (CF2Cl2) around 235â€...nm using time-sliced velocity map imaging technology. Chinese Journal of Chemical Physics, 2019, 32, 406-410.	1.3	2
39	Carrier recombination of organic-inorganic 3D halide perovskite single crystals. Chinese Journal of Chemical Physics, 2020, 33, 252-257.	1.3	2
40	Gas phase laboratory study on the PAHs/amino acid cluster cations. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	2
41	High-resolution laser spectroscopy of the trans- and cis-1-vinylpropargyl radicals. Journal of Chemical Physics, 2022, 156, 056101.	3.0	2
42	Cavity Ringdown Spectroscopy of PH2 Radical in 465â€“555 nm. Chinese Journal of Chemical Physics, 2011, 24, 8-15.	1.3	1
43	Helium Droplets: An Apparatus to Study Ultra Cold Chemistry. Chinese Journal of Chemical Physics, 2013, 26, 270-276.	1.3	1
44	Laserâ€induced Fluorescence Spectroscopy of NiS: Identification of a Lowâ€lying Electronic State. Chinese Journal of Chemical Physics, 2013, 26, 140-144.	1.3	1
45	Kinetics of Reactions of CCN Radical with Alcohols. Chinese Journal of Chemical Physics, 2007, 20, 5-11.	1.3	0
46	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.	1.3	0
47	Lineâ€profile Analysis of Excitation Spectroscopy in Even 5p5(2P1/2)nlâ€² [Kâ€²]J (lâ€²=1, 3) Autoionizing Resonances of Xe. Chinese Journal of Chemical Physics, 2013, 26, 374-380.	1.3	0
48	Line-Profile Analysis of Excitation Spectroscopy in the Even 3p5(2P1/2)nlâ€²[Kâ€²]J(lâ€²=1,3) Autoionizing Resonances of Ar. Chinese Journal of Chemical Physics, 2016, 29, 418-424.	1.3	0
49	Combined experimental and theoretical study on the ultraviolet photodissociation dynamics of 1-bromo-2,6-difluorobenzene in 267 nmâ€“234 nm. Journal of Chemical Physics, 2020, 153, 034305.	3.0	0