

Yang Chen

List of Publications by Year in descending order

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all docs

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docs citations

50
times ranked

249
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution laser spectroscopy of the trans- and cis-1-vinylpropargyl radicals. Journal of Chemical Physics, 2022, 156, 056101.	3.0	2
2	Quantum Key Distribution over 658Åm Fiber with Distributed Vibration Sensing. Physical Review Letters, 2022, 128, 180502.	7.8	38
3	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
4	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
5	Verification of Energetic-Particle-Induced Geodesic Acoustic Mode in Gyrokinetic Particle Simulations. Chinese Physics Letters, 2020, 37, 095201.	3.3	7
6	Carrier recombination of organic-inorganic 3D halide perovskite single crystals. Chinese Journal of Chemical Physics, 2020, 33, 252-257.	1.3	2
7	Dissociation dynamics of carbon dioxide cation (CO ₂ ⁺) in the C ² Î£ _g ⁺ state via [1+1] two-photon excitation. Journal of Chemical Physics, 2020, 152, 134304.	3.0	4
8	High-Resolution Laser Spectroscopic Survey of the H³Î£_u^{â€“}X³Î£_g^{â€“} Electronic Transition of Si₂. Journal of Physical Chemistry A, 2020, 124, 2972-2981.	2.5	7
9	N-loss photodissociation dynamics of N ₂ O+(B ² Î) near the NO+(Î ² +1) + N(2P) dissociation limit. Journal of Chemical Physics, 2019, 150, 226101.	3.0	7
10	Verification of an energetic-electron-driven Î ² -induced AlfvÃ©n eigenmode in the HL-2A tokamak. Physics of Plasmas, 2019, 26, 102507.	1.9	5
11	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
12	Photodissociation dynamics of dichlorodifluoromethane (CF ₂ Cl ₂) around 235â€“...nm using time-sliced velocity map imaging technology. Chinese Journal of Chemical Physics, 2019, 32, 406-410.	1.3	2
13	A cryogenic cylindrical ion trap velocity map imaging spectrometer. Review of Scientific Instruments, 2019, 90, 013101.	1.3	15
14	Imaging Isocyanic Acid Photodissociation at 193 nm: the NH(a ¹ Î ⁺)+CO(X ¹ Î ⁺) Channel. Chinese Journal of Chemical Physics, 2018, 31, 27-32.	1.3	3
15	Photodissociation dynamics of OCS at âˆ¼210 nm: The role of c(23A ³) state. Journal of Chemical Physics, 2017, 147, 013930.	3.0	6
16	High-resolution electronic spectra of yttrium oxide (YO): The D ² Î ⁺ +â€“X ² Î ⁺ transition. Journal of Chemical Physics, 2017, 146, 114303.	3.0	19
17	Note: Ultraviolet photodissociation dynamics of <i>o</i>-bromofluorobenzene in 234â€“267 nm. Journal of Chemical Physics, 2017, 147, 226101.	3.0	5
18	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

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19	Photodissociation Dynamics of Carbon Dioxide Cation via the Vibrationally Mediated $\langle i \rangle \tilde{A}^1 \langle /i \rangle \rightarrow 2\tilde{u}, 1/2$ State: A Time-Sliced Velocity-Mapped Ion Imaging Study. Chinese Journal of Chemical Physics, 2017, 30, 123-127.	1.3	6
20	Line-Profile Analysis of Excitation Spectroscopy in the Even $3p^5(2P_{1/2})n\tilde{\epsilon}^2 [K\tilde{\epsilon}^2] J (\tilde{l}\tilde{\epsilon}^2=1,3)$ Autoionizing Resonances of Ar. Chinese Journal of Chemical Physics, 2016, 29, 418-424.	1.3	0
21	Gyrokinetic particle simulation of fast-electron driven beta-induced $A_{flv}\tilde{A}^0n$ eigenmode. Physics of Plasmas, 2016, 23, 052504.	1.9	24
22	Ion-Velocity Map Imaging Study of Photodissociation Dynamics of Acetaldehyde. Chinese Journal of Chemical Physics, 2014, 27, 249-255.	1.3	4
23	Line-profile analysis of excitation spectroscopy in the even $4p^5(2P_{1/2})n\tilde{\epsilon}^2 [K\tilde{\epsilon}^2] J (\tilde{l}\tilde{\epsilon}^2 = 1,3)$ autoionizing resonances of Kr. Science China Chemistry, 2013, 56, 1623-1632.	8.2	4
24	Application countermeasures of non-incineration technologies for medical waste treatment in China. Waste Management and Research, 2013, 31, 1237-1244.	3.9	24
25	Helium Droplets: An Apparatus to Study Ultra Cold Chemistry. Chinese Journal of Chemical Physics, 2013, 26, 270-276.	1.3	1
26	Using Ion-Velocity Map Imaging Technique to Study Photodissociation of 2-Bromopentane. Chinese Journal of Chemical Physics, 2013, 26, 493-497.	1.3	4
27	Line-Profile Analysis of Excitation Spectroscopy in Even $5p^5(2P_{1/2})n\tilde{\epsilon}^2 [K\tilde{\epsilon}^2] J (\tilde{l}\tilde{\epsilon}^2=1, 3)$ Autoionizing Resonances of Xe. Chinese Journal of Chemical Physics, 2013, 26, 374-380.	1.3	0
28	Laser-Induced Fluorescence Spectroscopy of NiO between 510 and 650 nm. Chinese Journal of Chemical Physics, 2013, 26, 512-518.	1.3	2
29	Laser-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
30	Resonance-Enhanced Photon Excitation Spectroscopy of the Even-Parity $3p^5(2P_{1/2})n\tilde{\epsilon}^2 [K\tilde{\epsilon}^2] J (\tilde{l}\tilde{\epsilon}^2=1, 3)$ Autoionizing Rydberg States of Ar. Chinese Journal of Chemical Physics, 2013, 26, 259-264.	1.3	3
31	Laser-Induced Fluorescence Spectroscopy of NiS: Identification of a Low-Lying Electronic State. Chinese Journal of Chemical Physics, 2013, 26, 140-144.	1.3	1
32	Photodissociation of 2-Bromobutane at $\tilde{\lambda}^1/4265$ nm by Ion-velocity Map Imaging Technique. Chinese Journal of Chemical Physics, 2012, 25, 373-378.	1.3	2
33	Laser-induced Fluorescence Spectroscopy of NiCl in $12900\tilde{\epsilon}^2\text{--}15000$ cm^{-1} . Chinese Journal of Chemical Physics, 2012, 25, 631-635.	1.3	2
34	Photodissociation of 2-Bromobutane by Ion-velocity Map Imaging Technique. Chinese Journal of Chemical Physics, 2011, 24, 647-652.	1.3	8
35	Cavity Ringdown Spectroscopy of PH ₂ Radical in $465\tilde{\epsilon}^2\text{--}555$ nm. Chinese Journal of Chemical Physics, 2011, 24, 8-15.	1.3	1
36	Time-sliced Velocity Map Imaging Study on Photodissociation of Neopentyl Bromide and $\langle i \rangle \text{Tert} \langle /i \rangle$ -pentyl Bromide at 234 nm. Chinese Journal of Chemical Physics, 2011, 24, 631-634.	1.3	5

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37	Experimental Determination of the Vibrational Constants of FeS($X^5\hat{I}$) by Dispersed Fluorescence Spectroscopy. Chinese Journal of Chemical Physics, 2011, 24, 1-3.	1.3	7
38	B-X and C-X Band Systems of CuCl Revisited: Laser-induced Fluorescence Study in 465–490 nm. Chinese Journal of Chemical Physics, 2010, 23, 249-251.	1.3	0
39	Laser-induced Fluorescence and Dispersed Fluorescence Spectroscopy of NiB: Identification of a New $2\hat{I}$ State in 19000–22100 cm^{-1} . Chinese Journal of Chemical Physics, 2010, 23, 626-629.	1.3	5
40	Laser-induced Fluorescence Spectrum of CoS Between 15200 and 19000 cm^{-1} . Chinese Journal of Chemical Physics, 2010, 23, 262-268.	1.3	4
41	Transitional Process of Poly(N-isopropylacrylamide) in Deuterated Solution. Chinese Journal of Chemical Physics, 2009, 22, 447-452.	1.3	5
42	Laser-induced Fluorescence Excitation Spectrum of NiS in 15500-17200 cm^{-1} . Chinese Journal of Chemical Physics, 2009, 22, 668-672.	1.3	4
43	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
44	$F^2 + X^2$ Band System of Cobalt Carbide. Chinese Journal of Chemical Physics, 2008, 21, 505-509.	1.3	4
45	Analysis of the LIF Spectroscopy of Nickel Hydride in 19000-21400 cm^{-1} . Chinese Journal of Chemical Physics, 2008, 21, 308-313.	1.3	3
46	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
47	Kinetics of Reactions of CCN Radical with Alcohols. Chinese Journal of Chemical Physics, 2007, 20, 5-11.	1.3	0
48	Resonance-enhanced multiphoton ionization spectroscopy on the $B^2\hat{I}^+$ and $B^2\hat{I}$ states of NS. Science Bulletin, 2007, 52, 596-602.	1.7	8
49	Gas phase laboratory study on the PAHs/amino acid cluster cations. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	2