

Sizuo Luo

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Capturing the stereoconfiguration of N_2^+ by Coulomb-explosion imaging. <i>Physical Review A</i> , 2022, 105, .	2.5	5
2	Femtosecond Time-Resolved Neighbor Roles in the Fragmentation Dynamics of Molecules in a Dimer. <i>Physical Review Letters</i> , 2022, 129, .	7.8	12
3	Tracing the Coherent Manipulation of Rotational Dynamics by Shaped Femtosecond Pulse-Induced Two-Dimensional Rotational Coherent Spectrum. <i>Journal of Physical Chemistry A</i> , 2021, 125, 770-776.	2.5	1
4	Revealing Molecular Strong Field Autoionization Dynamics. <i>Physical Review Letters</i> , 2021, 126, 103202.	7.8	15
5	Tracking the nuclear movement of the carbonyl sulfide cation after strong-field ionization by time-resolved Coulomb-explosion imaging. <i>Physical Review A</i> , 2021, 103, .	2.5	14
6	Multiphoton Ionization of Potassium Atoms in Femtosecond Laser Fields. <i>Chinese Physics Letters</i> , 2021, 38, 053202.	3.3	9
7	Determining the stereo configuration of carbonyl sulfide dimers using Coulomb-explosion imaging. <i>Physical Review A</i> , 2021, 104, .	2.5	9
8	Generation of fractional and multiple imaginary rotational alignment echoes. <i>Physical Review A</i> , 2021, 104, .	2.5	8
9	Revealing orbital dependent quantum interference of O ₂ underlying channel-resolved strong-field spectroscopies. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 085601.	1.5	0
10	Sub-optical-cycle electron dynamics of NO molecules: the effect of strong laser field and Coulomb field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 084002.	1.5	6
11	Ultrafast dissociation dynamics of singly and doubly ionized O^{2+} in strong laser fields. <i>Physical Review A</i> , 2020, 101, .	2.5	8
12	Vibrationally resolved above-threshold ionization in NO molecules by intense ultrafast two-color laser pulses: An experimental and theoretical study. <i>Physical Review A</i> , 2019, 100, .	2.5	9
13	Multiorbital and excitation effects on dissociative double ionization of CO molecules in strong circularly polarized laser fields. <i>Physical Review A</i> , 2019, 100, .	2.5	12
14	Channel-resolved ultrafast dissociation dynamics of NO ₂ molecules studied via femtosecond time-resolved ion imaging. <i>Chinese Journal of Chemical Physics</i> , 2019, 32, 292-298.	1.3	1
15	Coherent interference of molecular electronic states in NO by two-color femtosecond laser pulses. <i>Physical Review A</i> , 2019, 99, .	2.5	18
16	Bond-breakage-dependent dissociative ionization of an asymmetric molecule in an intense femtosecond laser field. <i>Physical Review A</i> , 2019, 99, .	2.5	6
17	Accurate <i>in situ</i> Measurement of Ellipticity Based on Subcycle Ionization Dynamics. <i>Physical Review Letters</i> , 2019, 122, 013203.	7.8	12
18	Comparison study for multiple ionization of carbonyl sulfide by linearly and circularly polarized intense femtosecond laser fields using Coulomb explosion imaging. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 094002.	1.5	9

#	ARTICLE	IF	CITATIONS
19	Identifying the Multielectron Effect on Chemical Bond Rearrangement of CH ₃ Cl Molecules in Strong Laser Fields. Journal of Physical Chemistry A, 2018, 122, 8427-8432.	2.5	7
20	Ab-initio classical trajectory study the dissociation of ClN ₃ : The pathway lead to cyclic-N ₃ . Chemical Physics Letters, 2018, 710, 6-10.	2.6	2
21	Rotational Dynamics of Quantum State-Selected Symmetric-Top Molecules in Nonresonant Femtosecond Laser Fields. Journal of Physical Chemistry A, 2017, 121, 777-783.	2.5	14
22	Contribution of resonance excitation on ionization of OCS molecules in strong laser fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 235602.	1.5	10
23	Footprints of electron correlation in strong-field double ionization of Kr close to the sequential-ionization regime. Physical Review A, 2017, 96, .	2.5	9
24	Multielectron Effects in the Strong Field Sequential Ionization of Aligned CH ₃ I Molecules. Journal of Physical Chemistry A, 2017, 121, 6547-6553.	2.5	14
25	Ultrafast proton migration and Coulomb explosion of methyl chloride in intense laser fields. Journal of Chemical Physics, 2017, 146, 244305.	3.0	17
26	Dissociative ionization and Coulomb explosion of CH ₃ I in intense femto second laser fields. European Physical Journal D, 2017, 71, 1.	1.3	15
27	Strong-field ionization and dissociation of aligned polar molecules <math xmlns:mml="http://www.w3.org/1998/Math/MathML" > < mml:msub > < mml:mi mathvariant="normal" > CH < /mml:mi > < mml:mn > 3 < /mml:mn > < /mml:msub > < mml:mi mathvariant="normal" > I < /mml:mi > < /mml:math > and < mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" > < mml:msub > < mml:mi mathvariant="normal" > CH < /mml:mi > < mml:mn > 3 < /mml:mn > < /mml:msub > < mml:mi mathvariant="normal" > Br < /mml:mi > < /mml:math > .	2.5	17
28	Ion yields of laser aligned CH ₃ I and CH ₃ Br from multiple orbitals. Chemical Physics Letters, 2016, 665, 141-146.	2.6	4
29	Drilling of aluminum and copper films with femtosecond double-pulse laser. Optics and Laser Technology, 2016, 80, 116-124.	4.6	28
30	Nonadiabatic laser-induced orientation and alignment of rotational-state-selected <math xmlns:mml="http://www.w3.org/1998/Math/MathML" > < mml:mrow > < mml:msub > < mml:mi > CH < /mml:mi > < mml:mn > 3 < /mml:mn > < /mml:msub > < /mml:mrow > .	2.3	21
31	Tunneling Ionization of Aligned CH ₃ X (X=I, Br, Cl) Molecules in Intense Femtosecond Laser Fields. Journal of Physics: Conference Series, 2015, 635, 112071.	0.4	0
32	Hn+ Ejection from Aligned CH ₃ Cl Molecules in Intense fs Laser Fields. Journal of Physics: Conference Series, 2015, 635, 112019.	0.4	0
33	Laser induced alignment of state-selected CH ₃ I. Physical Chemistry Chemical Physics, 2015, 17, 24121-24128.	2.8	7
34	Alignment dependence of photoelectron momentum distributions for diatomic molecule N ₂ in strong elliptical laser fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 0, , .	1.5	5