

# Xuan Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6054572/publications.pdf>

Version: 2024-02-01

27  
papers

311  
citations

933447

10  
h-index

839539

18  
g-index

27  
all docs

27  
docs citations

27  
times ranked

346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing autoionizing states of molecular oxygen with XUV transient absorption: Electronic-symmetry-dependent line shapes and laser-induced modifications. <i>Physical Review A</i> , 2017, 95, .	2.5	28
2	Investigation of coupling mechanisms in attosecond transient absorption of autoionizing states: comparison of theory and experiment in xenon. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 125601.	1.5	14
3	Extracting molecular potentials from incomplete spectroscopic information. <i>Molecular Physics</i> , 2015, 113, 3854-3858.	1.7	1
4	Attosecond Transient Absorption Explores Coupling Mechanisms of Autoionizing States. , 2015, , .		0
5	High-spectral-resolution attosecond absorption spectroscopy of autoionization in xenon. <i>Physical Review A</i> , 2014, 89, .	2.5	54
6	Population transfer between valence states via autoionizing states using two-color ultrafast $\pi$ pulses in XUV and the limitations of adiabatic passage. <i>Physical Review A</i> , 2014, 89, .	2.5	9
7	Complete Quantum State Selectivity in Cold Molecular Beams Using Deflection-Resistant Dark States in a STIRAP Configuration. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3620-3624.	4.6	0
8	High-resolution photoassociation spectroscopy of the $6\text{Li}213\text{f}_g$ -state. <i>Physical Review A</i> , 2013, 87, .	2.5	23
9	Time-dependent partitioning theory of the control of radiationless transitions in 24-mode pyrazine. <i>Journal of Chemical Physics</i> , 2012, 137, 064111.	3.0	9
10	Generation and control of spin-orbit entanglement in atomic pairs. <i>Physical Review A</i> , 2012, 85, .	2.5	2
11	Pulse sequences in photoassociation via adiabatic passage. <i>New Journal of Physics</i> , 2012, 14, 073001.	2.9	0
12	The Dipole Correction Method for Extracting Excited State Potentials and Electronic Transition Dipoles from Fluorescence Data. <i>Israel Journal of Chemistry</i> , 2012, 52, 407-413.	2.3	0
13	Inversion of two-dimensional potentials from frequency-resolved spectroscopic data. <i>Journal of Chemical Physics</i> , 2011, 134, 094113.	3.0	11
14	Extracting double minima excited state potentials from bound-continuum spectroscopic data. <i>Journal of Molecular Spectroscopy</i> , 2011, 268, 221-225.	1.2	6
15	Three-dimensional photodissociation in strong laser fields: Memory-kernel effective-mode expansion. <i>Physical Review A</i> , 2011, 83, .	2.5	6
16	Geometric phase for collinear conical intersections. I. Geometric phase angle and vector potentials. <i>Journal of Chemical Physics</i> , 2011, 134, 064108.	3.0	4
17	Communications: Spatial separation of enantiomers by coherent optical means. <i>Journal of Chemical Physics</i> , 2010, 132, 041101.	3.0	18
18	Solving the spectroscopic phase: imaging excited wave packets and extracting excited state potentials from fluorescence data. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 15760.	2.8	12

#	ARTICLE	IF	CITATIONS
19	Spectroscopic Phase and the Extraction of Excited-State Potentials from Fluorescence Data. Journal of Physical Chemistry Letters, 2010, 1, 3172-3176.	4.6	7
20	Theory of the optical spatial separation of racemic mixtures of chiral molecules. Journal of Chemical Physics, 2010, 132, 194315.	3.0	55
21	Theory of laser enhancement of ultracold reactions: The fermion-boson population transfer by adiabatic passage of $\text{Li}_6 + \text{Li}_6\text{Li}_7$ ( $T_r = 1\text{mK}$ ) $\rightarrow$ $\text{Li}_6\text{Li}_6 + \text{Li}_7$ ( $T_p = 1\text{mK}$ ). Journal of Chemical Physics, 2008, 128, 184113.	3.0	8
22	Potential energy surfaces for the $1^1\text{A}_g$ , $2^1\text{A}_g$ , $1^3\text{A}_g$ and $2^3\text{A}_g$ states of $\text{Li}_3$ . Journal of Chemical Physics, 2006, 129, 124305.	3.0	6
23	Theory of laser enhancement and suppression of cold reactions: The fermion-boson $\text{Li}_6 + \text{Li}_7 \rightarrow \text{Li}_6\text{Li}_7 + \text{Li}$ radiative collision. Journal of Chemical Physics, 2008, 128, 124314. Laser-Catalyzed Production of Ultracold Molecules: The	3.0	9
24	$\frac{1}{6} \left( \frac{1}{6} + \frac{1}{6} \right) \frac{1}{6}$	7.8	13
25	New method for calculating bound states: The $A_1$ states of $\text{Li}_3$ on the spin-aligned $\text{Li}_3(1A_1)$ potential energy surface. Journal of Chemical Physics, 2007, 127, 014108.	3.0	2
26	General Laser Interaction Theory in Atomic Diatomic Systems for Both Adiabatic and Nonadiabatic Cases. Journal of Physical Chemistry A, 2006, 110, 5504-5512.	2.5	0
27	Conical intersection between the lowest spin-aligned $\text{Li}_3(A_1)$ potential-energy surfaces. Journal of Chemical Physics, 2005, 123, 091101.	3.0	14