

Michael Spanner

List of Publications by Year in descending order

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37
papers

2,531
citations

279798
23
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38
all docs

38
docs citations

38
times ranked

1537
citing authors

#	ARTICLE	IF	CITATIONS
1	N ₂ ⁺ lasing: Gain and absorption in the presence of rotational coherence. Physical Review A, 2020, 102, .	2.5	11
2	Momentum-resolved above-threshold ionization of deuterated water. Physical Review A, 2020, 102, .	2.5	14
3	Short- and long-term gain dynamics in N_2 air lasing. Physical Review A, 2019, 100, .	2.5	12
4	Electron correlations and pre-collision in the re-collision picture of high harmonic generation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 134006.	1.5	10
5	Probing Molecular Dynamics by Laser-Induced Backscattering Holography. Physical Review Letters, 2016, 116, 133001.	7.8	75
6	Excited state dynamics in SO ₂ . I. Bound state relaxation studied by time-resolved photoelectron-photoion coincidence spectroscopy. Journal of Chemical Physics, 2014, 140, 204301.	3.0	41
7	Channel- and Angle-Resolved Above Threshold Ionization in the Molecular Frame. Physical Review Letters, 2013, 110, 023004.	7.8	60
8	Ultrafast Relaxation Dynamics of Uracil Probed via Strong Field Dissociative Ionization. Journal of Physical Chemistry A, 2013, 117, 12796-12801.	2.5	46
9	Neutral-Ionic State Correlations in Strong-Field Molecular Ionization. Physical Review Letters, 2012, 109, 203007.	7.8	29
10	The Multielectron Ionization Dynamics Underlying Attosecond Strong-Field Spectroscopies. Science, 2012, 335, 1336-1340.	12.6	180
11	Dyson norms in XUV and strong-field ionization of polyatomics: Cytosine and uracil. Physical Review A, 2012, 86, .	2.5	65
12	Tunnel Ionization of Molecules and Orbital Imaging. Physical Review Letters, 2011, 106, 173001.	7.8	90
13	Communication: Conditions for one-photon coherent phase control in isolated and open quantum systems. Journal of Chemical Physics, 2010, 133, 151101.	3.0	45
14	One-electron ionization of multielectron systems in strong nonresonant laser fields. Physical Review A, 2009, 80, .	2.5	123
15	Analytical solutions for strong field-driven atomic and molecular one- and two-electron continua and applications to strong-field problems. Physical Review A, 2008, 77, .	2.5	151
16	Probing electron transfer within alkali-metal halides via high-order harmonic generation. Physical Review A, 2008, 78, .	2.5	7
17	Coherent control and entanglement in the attosecond electron-recollision dissociation of D_2 . Physical Review A, 2007, 76, .	2.5	7
18	Direct XUV Probing of Attosecond Electron Recollision. Physical Review Letters, 2007, 98, 123001.	7.8	17

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19	Wave packets in a sieve: quantum control at the edge of strong chaos. Journal of Modern Optics, 2007, 54, 2161-2176.	1.3	3
20	An Analysis of Two Liquidâ€¦State Adaptive Feedback Experiments. Israel Journal of Chemistry, 2007, 47, 111-114.	2.3	1
21	Anatomy of strong field ionization II: to dress or not to dress?. Journal of Modern Optics, 2007, 54, 1019-1038.	1.3	58
22	Coulomb and polarization effects in sub-cycle dynamics of strong-field ionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, S307-S321.	1.5	93
23	Coulomb and polarization effects in laser-assisted XUV ionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, S323-S339.	1.5	56
24	Understanding strong-field coherent control: Measuring single-atom versus collective dynamics. Physical Review A, 2006, 74, .	2.5	9
25	Quantum logic in coarse grained control of wavepackets. Journal of Modern Optics, 2005, 52, 897-915.	1.3	12
26	Anatomy of strong field ionization. Journal of Modern Optics, 2005, 52, 165-184.	1.3	267
27	Controlling High Harmonic Generation with Molecular Wave Packets. Physical Review Letters, 2005, 94, 123902.	7.8	264
28	Two-pulse alignment of molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, L43-L48.	1.5	103
29	Coherent Control of Rotational Wave-Packet Dynamics via Fractional Revivals. Physical Review Letters, 2004, 92, 093001.	7.8	75
30	Reading diffraction images in strong field ionization of diatomic molecules. Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, L243-L250.	1.5	206
31	Strong Field Tunnel Ionization by Real-Valued Classical Trajectories. Physical Review Letters, 2003, 90, 233005.	7.8	19
32	Optimal generation of single-dispersion precompensated 1-fs pulses by molecular phase modulation. Optics Letters, 2003, 28, 576.	3.3	17
33	Tunable optimal compression of ultrabroadband pulses by cross-phase modulation. Optics Letters, 2003, 28, 749.	3.3	15
34	Switched Wave Packets: A Route to Nonperturbative Quantum Control. Physical Review Letters, 2003, 90, 223001.	7.8	136
35	Quantum Logic Approach to Wave Packet Control. Physical Review Letters, 2003, 91, 237901.	7.8	64
36	Strong-field molecular alignment for quantum logic and quantum control. Physical Review A, 2003, 67, .	2.5	49

#	ARTICLE	IF	CITATIONS
37	Generation of Single Dispersion Precompensated 1-fs Pulses by Shaped-Pulse Optimized High-Order Stimulated Raman Scattering. Physical Review Letters, 2002, 88, 103901.	7.8	101