

# Daniel M Neumark

## List of Publications by Year in descending order

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487  
papers

22,927  
citations

7069

78  
h-index

16127

124  
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507  
all docs

507  
docs citations

507  
times ranked

9621  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sizes of pure and doped helium droplets from single shot x-ray imaging. <i>Journal of Chemical Physics</i> , 2022, 156, 041102.	1.2	3
2	Theoretical analysis of the role of complex transition dipole phase in XUV transient-absorption probing of charge migration. <i>Optics Express</i> , 2022, 30, 5673.	1.7	4
3	Photoelectron circular dichroism in angle-resolved photoemission from liquid fenchone. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8081-8092.	1.3	12
4	Conical intersection and coherent vibrational dynamics in alkyl iodides captured by attosecond transient absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2022, 156, 114304.	1.2	10
5	Evaporation and Molecular Beam Scattering from a Flat Liquid Jet. <i>Journal of Physical Chemistry A</i> , 2022, 126, 3373-3383.	1.1	7
6	Electron attachment dynamics following UV excitation of iodide-2-thiouracil complexes. <i>Journal of Chemical Physics</i> , 2022, 156, .	1.2	4
7	Photoelectron spectroscopy of cryogenically cooled NiO <sub>2</sub> via slow photoelectron velocity-map imaging. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 17496-17503.	1.3	2
8	Coupled nuclear-electronic decay dynamics of O <sub>2</sub> inner valence excited states revealed by attosecond XUV wave-mixing spectroscopy. <i>Faraday Discussions</i> , 2021, 228, 537-554.	1.6	11
9	High-resolution anion photoelectron spectroscopy of cryogenically cooled 4-atom silicon carbides. <i>Molecular Physics</i> , 2021, 119, e1817596.	0.8	4
10	Accurate vertical ionization energy and work function determinations of liquid water and aqueous solutions. <i>Chemical Science</i> , 2021, 12, 10558-10582.	3.7	40
11	Low-energy constraints on photoelectron spectra measured from liquid water and aqueous solutions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8246-8260.	1.3	33
12	Ultrafast X-ray science: general discussion. <i>Faraday Discussions</i> , 2021, 228, 597-621.	1.6	0
13	Electron thermalization and relaxation in laser-heated nickel by few-femtosecond core-level transient absorption spectroscopy. <i>Physical Review B</i> , 2021, 103, .	1.1	21
14	Photodissociation Dynamics of the Cyclohexyl Radical from the 3p Rydberg State at 248 nm. <i>Journal of Physical Chemistry A</i> , 2021, 125, 3900-3911.	1.1	3
15	Ultrafast strong-field dissociation of vinyl bromide: An attosecond transient absorption spectroscopy and non-adiabatic molecular dynamics study. <i>Structural Dynamics</i> , 2021, 8, 034104.	0.9	8
16	Mapping wave packet bifurcation at a conical intersection in CH <sub>3</sub> I by attosecond XUV transient absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2021, 154, 234301.	1.2	18
17	Solid state core-exciton dynamics in NaCl observed by tabletop attosecond four-wave mixing spectroscopy. <i>Physical Review B</i> , 2021, 103, .	1.1	17
18	Spectroscopic evidence for a gold-coloured metallic water solution. <i>Nature</i> , 2021, 595, 673-676.	13.7	16

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19	High-Resolution Photoelectron Spectroscopy of Vibrationally Excited OH <sup>+</sup> . Journal of Physical Chemistry A, 2021, 125, 7260-7265.	1.1	6
20	Coupled valence carrier and core-exciton dynamics in WS <sub>2</sub> probed by few-femtosecond extreme ultraviolet transient absorption spectroscopy. Physical Review B, 2021, 104, .	1.1	13
21	Electronic structure of NdO via slow photoelectron velocity-map imaging spectroscopy of NdO <sup>+</sup> . Journal of Chemical Physics, 2021, 155, 114305.	1.2	4
22	Time-resolved ultrafast spectroscopy: general discussion. Faraday Discussions, 2021, 228, 329-348.	1.6	2
23	Time-resolved diffraction: general discussion. Faraday Discussions, 2021, 228, 161-190.	1.6	2
24	Structural Characterization of Nickel-Doped Aluminum Oxide Cations by Cryogenic Ion Trap Vibrational Spectroscopy. Journal of Physical Chemistry A, 2021, 125, 9527-9535.	1.1	4
25	Autobiography of Daniel M. Neumark. Journal of Physical Chemistry A, 2021, 125, 10257-10263.	1.1	0
26	Ultrafast relaxation of photoexcited superfluid He nanodroplets. Nature Communications, 2020, 11, 112.	5.8	34
27	High-Resolution Photoelectron Spectroscopy of Cryogenically Cooled NO <sub>3</sub> ... Journal of Physical Chemistry Letters, 2020, 11, 395-400.	2.1	13
28	Photodissociation dynamics of the tert-butyl perthiyl radical. Journal of Chemical Physics, 2020, 152, 244301.	1.2	0
29	Photodissociation of iso-propoxy (i-C <sub>3</sub> H <sub>7</sub> O) radical at 248 nm. Physical Chemistry Chemical Physics, 2020, 22, 17738-17748.	1.3	1
30	Simultaneous Observation of Carrier-Specific Redistribution and Coherent Lattice Dynamics in 2H-MoTe <sub>2</sub> with Femtosecond Core-Level Spectroscopy. ACS Nano, 2020, 14, 15829-15840.	7.3	38
31	Revealing electronic state-switching at conical intersections in alkyl iodides by ultrafast XUV transient absorption spectroscopy. Nature Communications, 2020, 11, 4042.	5.8	40
32	Attosecond spectroscopy reveals alignment dependent core-hole dynamics in the ICl molecule. Nature Communications, 2020, 11, 5810.	5.8	8
33	Beam optimization in a 25 TW femtosecond laser system for high harmonic generation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 145602.	0.6	3
34	Attosecond Time-Domain Measurement of Core-Level-Exciton Decay in Magnesium Oxide. Physical Review Letters, 2020, 124, 207401.	2.9	34
35	Coherent electronic-vibrational dynamics in deuterium bromide probed via attosecond transient-absorption spectroscopy. Physical Review A, 2020, 101, .	1.0	20
36	Efficient table-top beamline for attosecond molecular and solid-state dynamics at the carbon K-edge. Journal of Physics: Conference Series, 2020, 1412, 072046.	0.3	0

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37	Efficient table-top dual-wavelength beamline for ultrafast transient absorption spectroscopy in the soft X-ray region. <i>Scientific Reports</i> , 2020, 10, 5773.	1.6	27
38	Infrared photodissociation spectroscopy of D <sub>2</sub> -tagged CH <sub>3</sub> CO <sub>2</sub> <sup>-</sup> (H <sub>2</sub> O) <sub>2</sub> anions. <i>Molecular Physics</i> , 2020, 118, e1749953.	0.8	9
39	Unveiling the coexistence of <i>cis</i> - and <i>trans</i> -isomers in the hydrolysis of ZrO <sub>2</sub> : A coupled DFT and high-resolution photoelectron spectroscopy study. <i>Journal of Chemical Physics</i> , 2020, 153, 244308.	1.2	3
40	Attosecond XUV probing of vibronic quantum superpositions in $\text{Br}^+ + \text{H}_2$ . <i>Physical Review A</i> , 2020, 102, .	1.0	10
41	Microjoule-level 20 fs UV pulses for the investigation of molecular dynamics via attosecond transient absorption spectroscopy. , 2020, , .		0
42	Self-heterodyned detection of dressed state coherences in helium by noncollinear extreme ultraviolet wave mixing with attosecond pulses. <i>JPhys Photonics</i> , 2020, 2, 034003.	2.2	6
43	Probing Delayed C-I Bond Fission in the UV Photochemistry of 2-Iodothiophene with Core-to-Valence Transient Absorption Spectroscopy. , 2020, , .		0
44	Femtosecond Time-Resolved Photoelectron Spectroscopy of Molecular Anions. , 2019, , 307-335.		0
45	Going large(r): general discussion. <i>Faraday Discussions</i> , 2019, 217, 476-513.	1.6	1
46	Disentangling conical intersection and coherent molecular dynamics in methyl bromide with attosecond transient absorption spectroscopy. <i>Nature Communications</i> , 2019, 10, 3133.	5.8	68
47	Controlling internal degrees: general discussion. <i>Faraday Discussions</i> , 2019, 217, 138-171.	1.6	1
48	Pushing resolution in frequency and time: general discussion. <i>Faraday Discussions</i> , 2019, 217, 290-321.	1.6	1
49	Direct mapping of curve-crossing dynamics in IBr by attosecond transient absorption spectroscopy. <i>Science</i> , 2019, 365, 79-83.	6.0	98
50	Probing the Structural Evolution of the Hydrated Electron in Water Cluster Anions (H <sub>2</sub> O) <sub>n</sub> <sup>-</sup> , <i>n</i> ≈ 200, by Electronic Absorption Spectroscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 18000-18003.	6.6	18
51	Multiphoton dissociation dynamics of the indenyl radical at 248 nm and 193 nm. <i>Journal of Chemical Physics</i> , 2019, 151, 174303.	1.2	3
52	Photo-induced dynamics in bromoform molecules studied by femtosecond XUV transient absorption spectroscopy. <i>EPJ Web of Conferences</i> , 2019, 205, 06003.	0.1	1
53	High-resolution photoelectron spectroscopy of the pyridinide isomers. <i>Journal of Chemical Physics</i> , 2019, 151, .	1.2	7
54	Autoionization dynamics of (2P <sub>1/2</sub> ) <sub>n</sub> states in krypton probed by noncollinear wave mixing with attosecond extreme ultraviolet and few-cycle near infrared pulses. <i>Journal of Chemical Physics</i> , 2019, 151, 114305.	1.2	15

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55	Photoelectron spectra of $\text{Al}_2\text{O}_3$ and $\text{Al}_3\text{O}_3$ via slow electron velocity-map imaging. <i>Faraday Discussions</i> , 2019, 217, 235-255.	1.6	8
56	Fast beam photofragment translational spectroscopy of the phenoxy radical at 225 nm, 290 nm, and 533 nm. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 14270-14277.	1.3	4
57	Enhanced reactivity of fluorine with para-hydrogen in cold interstellar clouds by resonance-induced quantum tunnelling. <i>Nature Chemistry</i> , 2019, 11, 744-749.	6.6	34
58	Nonlinear XUV signal generation probed by transient grating spectroscopy with attosecond pulses. <i>Nature Communications</i> , 2019, 10, 1384.	5.8	24
59	Time-resolved radiation chemistry: femtosecond photoelectron spectroscopy of electron attachment and photodissociation dynamics in iodide nucleobase clusters. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 7239-7255.	1.3	43
60	Transient absorption spectroscopy using high harmonic generation: a review of ultrafast X-ray dynamics in molecules and solids. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20170463.	1.6	125
61	Photodissociation dynamics of the methylsulfinyl radical at 248 nm. <i>Molecular Physics</i> , 2019, 117, 3043-3055.	0.8	3
62	Ab initio investigation of Br core-excited states in HBr and HBr+ toward XUV probing of photochemical dynamics. <i>Structural Dynamics</i> , 2019, 6, 014101.	0.9	9
63	Relaxation Dynamics of Hydrated Thymine, Thymidine, and Thymidine Monophosphate Probed by Liquid Jet Time-Resolved Photoelectron Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2019, 123, 10676-10684.	1.1	17
64	Probing ultrafast Br bond fission in the UV photochemistry of bromoform with core-to-valence transient absorption spectroscopy. <i>Structural Dynamics</i> , 2019, 6, 054304.	0.9	16
65	NaI revisited: Theoretical investigation of predissociation via ultrafast XUV transient absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2019, 151, 204103.	1.2	6
66	Time-resolved dynamics in iodide-uracil-water clusters upon excitation of the nucleobase. <i>Journal of Chemical Physics</i> , 2019, 151, 154304.	1.2	11
67	$\text{CO}_2$ Adsorption on $\text{Ti}_3\text{O}_6$ : A Novel Carbonate Binding Motif. <i>Journal of Physical Chemistry C</i> , 2019, 123, 8439-8446.	1.5	19
68	Retrieval of the complex-valued refractive index of germanium near the $M_{4,5}$ absorption edge. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 1716.	0.9	13
69	Photoexcitation of iodide ion-pyrimidine clusters above the electron detachment threshold: Intracluster electron transfer versus nucleobase-centred excitations. <i>Journal of Chemical Physics</i> , 2018, 148, 084304.	1.2	22
70	High-resolution photoelectron spectroscopy of $\text{TiO}_3\text{H}_2$ : Probing the $\text{TiO}_2 + \text{H}_2\text{O}$ dissociative adduct. <i>Journal of Chemical Physics</i> , 2018, 148, 222810.	1.2	20
71	Excited-state vibronic wave-packet dynamics in $\text{H}_2$ probed by XUV transient four-wave mixing. <i>Physical Review A</i> , 2018, 97, .	1.0	28
72	Photodissociation of the Cyclopentadienyl Radical at 248 nm. <i>Journal of Physical Chemistry A</i> , 2018, 122, 4265-4272.	1.1	9

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73	Autodetachment from Vibrationally Excited Vinylidene Anions. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1058-1063.	2.1	15
74	Attosecond transient absorption instrumentation for thin film materials: Phase transitions, heat dissipation, signal stabilization, timing correction, and rapid sample rotation. <i>Review of Scientific Instruments</i> , 2018, 89, 013109.	0.6	13
75	Photodissociation dynamics of the simplest alkyl peroxy radicals, CH <sub>3</sub> OO and C <sub>2</sub> H <sub>5</sub> OO, at 248 nm. <i>Journal of Chemical Physics</i> , 2018, 148, 044309.	1.2	6
76	Slow Photoelectron Velocity-Map Imaging of Cryogenically Cooled Anions. <i>Annual Review of Physical Chemistry</i> , 2018, 69, 101-124.	4.8	60
77	Dissociative Water Adsorption on Gas-Phase Titanium Dioxide Cluster Anions Probed with Infrared Photodissociation Spectroscopy. <i>Topics in Catalysis</i> , 2018, 61, 92-105.	1.3	21
78	Slow photoelectron velocity-map imaging of cold C <sub>7</sub> <sup>-</sup> and C <sub>9</sub> <sup>-</sup> . <i>Journal of Chemical Physics</i> , 2018, 149, 174306.	1.2	9
79	Multidimensional spectroscopy with attosecond extreme ultraviolet and shaped near-infrared pulses. <i>Science Advances</i> , 2018, 4, eaau3783.	4.7	36
80	The ultrafast X-ray spectroscopic revolution in chemical dynamics. <i>Nature Reviews Chemistry</i> , 2018, 2, 82-94.	13.8	215
81	Time-resolved photoelectron spectroscopy of adenosine and adenosine monophosphate photodeactivation dynamics in water microjets. <i>Journal of Chemical Physics</i> , 2018, 148, 194303.	1.2	13
82	Femtosecond tracking of carrier relaxation in germanium with extreme ultraviolet transient reflectivity. <i>Physical Review B</i> , 2018, 97, .	1.1	40
83	Multiple pulse coherent dynamics and wave packet control of the N <sub>2</sub> <sup>+g</sup> dark state by attosecond four-wave mixing. <i>Faraday Discussions</i> , 2018, 212, 157-174.	1.6	23
84	Enhanced high-order harmonic generation driven by a wavefront corrected high-energy laser. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 134005.	0.6	7
85	Dynamical resonances in chemical reactions. <i>Chemical Society Reviews</i> , 2018, 47, 6744-6763.	18.7	34
86	Dynamics of electron attachment and photodissociation in iodide-uracil-water clusters via time-resolved photoelectron imaging. <i>Journal of Chemical Physics</i> , 2018, 149, 084301.	1.2	15
87	Selectivity of Electronic Coherence and Attosecond Ionization Delays in Strong-Field Double Ionization. <i>Physical Review Letters</i> , 2018, 120, 233201.	2.9	28
88	Photodissociation Dynamics of the <i>i</i> -Methylvinoxy Radical at 308, 248, and 225 nm Using Fast Beam Photofragment Translational Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2017, 121, 579-586.	1.1	2
89	Attosecond transient absorption spectroscopy of molecular nitrogen: Vibrational coherences in the $\hat{\epsilon}^2 \text{ } 1\hat{\Sigma}^+u$ state. <i>Chemical Physics Letters</i> , 2017, 683, 408-415.	1.2	28
90	Attosecond transient-absorption dynamics of xenon core-excited states in a strong driving field. <i>Physical Review A</i> , 2017, 95, .	1.0	24

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91	Low-lying vibronic level structure of the ground state of the methoxy radical: Slow electron velocity-map imaging (SEVI) spectra and KÄppel-Domcke-Cederbaum (KDC) vibronic Hamiltonian calculations. <i>Journal of Chemical Physics</i> , 2017, 146, 224309.	1.2	15
92	Direct and simultaneous observation of ultrafast electron and hole dynamics in germanium. <i>Nature Communications</i> , 2017, 8, 15734.	5.8	117
93	Slow photoelectron velocity-map imaging of cold tert-butyl peroxide. <i>Journal of Chemical Physics</i> , 2017, 147, 013915.	1.2	6
94	Ultrafast carrier thermalization and trapping in silicon-germanium alloy probed by extreme ultraviolet transient absorption spectroscopy. <i>Structural Dynamics</i> , 2017, 4, 044029.	0.9	42
95	Investigation of the two- and three-fragment photodissociation of the <i>tert</i>-butyl peroxy radical at 248 nm. <i>Journal of Chemical Physics</i> , 2017, 147, 134304.	1.2	5
96	Photodissociation dynamics of fulvenallene and the fulvenallenyl radical at 248 and 193 nm. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 29305-29314.	1.3	8
97	Encoding of vinylidene isomerization in its anion photoelectron spectrum. <i>Science</i> , 2017, 358, 336-339.	6.0	55
98	Tracking the insulator-to-metal phase transition in VO <sub>2</sub> with few-femtosecond extreme UV transient absorption spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9558-9563.	3.3	112
99	Feshbach resonances in the exit channel of the Fâ€‰+â€‰CH <sub>3</sub> OHâ€‰+â€‰HFâ€‰+â€‰CH <sub>3</sub> O reaction observed using transition-state spectroscopy. <i>Nature Chemistry</i> , 2017, 9, 950-955.	6.6	70
100	High-resolution photoelectron imaging of cryogenically cooled <sup>1</sup> ±- and <sup>1</sup> 2-furanyl anions. <i>Journal of Molecular Spectroscopy</i> , 2017, 332, 16-21.	0.4	7
101	Chemical reaction dynamics. <i>Chemical Society Reviews</i> , 2017, 46, 7481-7482.	18.7	14
102	Electronic structure of SmO and SmOâ€‰ via slow photoelectron velocity-map imaging spectroscopy and spin-orbit CASPT2 calculations. <i>Journal of Chemical Physics</i> , 2017, 147, 234311.	1.2	12
103	Generating high-contrast, near single-cycle waveforms with third-order dispersion compensation. <i>Optics Letters</i> , 2017, 42, 811.	1.7	56
104	Simultaneous generation of sub-5-femtosecond 400â€‰nm and 800â€‰nm pulses for attosecond extreme ultraviolet pumpâ€‰probe spectroscopy. <i>Optics Letters</i> , 2016, 41, 5365.	1.7	17
105	Ultrafast Transient Absorption at the Germanium M4,5-edge to Measure Electron and Hole Dynamics. , 2016, , .		0
106	Structural dynamics: general discussion. <i>Faraday Discussions</i> , 2016, 194, 583-620.	1.6	0
107	Vibrational and condensed phase dynamics: general discussion. <i>Faraday Discussions</i> , 2016, 194, 747-775.	1.6	1
108	Attosecond processes and X-ray spectroscopy: general discussion. <i>Faraday Discussions</i> , 2016, 194, 427-462.	1.6	0



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109	Electronic and non-adiabatic dynamics: general discussion. Faraday Discussions, 2016, 194, 209-257.	1.6	3
110	Photodissociation dynamics of the iodide-uracil (I <sup>-</sup> U) complex. Journal of Chemical Physics, 2016, 145, 044319.	1.2	27
111	High-resolution photoelectron imaging spectroscopy of cryogenically cooled Fe <sub>4</sub> O <sup>+</sup> and Fe <sub>5</sub> O <sup>+</sup> . Journal of Chemical Physics, 2016, 145, 054302.	1.2	11
112	Dissociation Dynamics and Electronic Structures of Highly Excited Ferrocenium Ions Studied by Femtosecond XUV Absorption Spectroscopy. Journal of Physical Chemistry A, 2016, 120, 9509-9518.	1.1	16
113	Attosecond transient absorption of argon atoms in the vacuum ultraviolet region: line energy shifts versus coherent population transfer. New Journal of Physics, 2016, 18, 013041.	1.2	30
114	Photodissociation dynamics of the methyl perthiyl radical at 248 and 193 nm using fast-beam photofragment translational spectroscopy. Journal of Chemical Physics, 2016, 145, 024305.	1.2	14
115	Isotope effect on hydrated electron relaxation dynamics studied with time-resolved liquid jet photoelectron spectroscopy. Journal of Chemical Physics, 2016, 144, 184503.	1.2	18
116	Direct observation of ring-opening dynamics in strong-field ionized selenophene using femtosecond inner-shell absorption spectroscopy. Journal of Chemical Physics, 2016, 145, 234313.	1.2	13
117	Gas phase vibrational spectroscopy of cold (TiO <sub>2</sub> ) <sub>n</sub> (n = 3-8) clusters. Journal of Chemical Physics, 2016, 144, 124308.	1.2	16
118	Tracking dissociation dynamics of strong-field ionized 1,2-dibromoethane with femtosecond XUV transient absorption spectroscopy. Physical Chemistry Chemical Physics, 2016, 18, 14644-14653.	1.3	21
119	Extreme ultraviolet transient absorption of solids from femtosecond to attosecond timescales. Journal of the Optical Society of America B: Optical Physics, 2016, 33, C57.	0.9	19
120	Attosecond science in atomic, molecular, and condensed matter physics. Faraday Discussions, 2016, 194, 15-39.	1.6	25
121	Near-resonant four-wave mixing of attosecond extreme-ultraviolet pulses with near-infrared pulses in neon: Detection of electronic coherences. Physical Review A, 2016, 94, .	1.0	36
122	Noncollinear wave mixing of attosecond XUV and few-cycle optical laser pulses in gas-phase atoms: Toward multidimensional spectroscopy involving XUV excitations. Physical Review A, 2016, 94, .	1.0	50
123	Non-Adiabatic Effects on Excited States of Vinylidene Observed with Slow Photoelectron Velocity-Map Imaging. Journal of the American Chemical Society, 2016, 138, 16417-16425.	6.6	28
124	Time-resolved photoelectron imaging of iodide-nitromethane (I <sup>-</sup> CH <sub>3</sub> NO <sub>2</sub> ) photodissociation dynamics. Physical Chemistry Chemical Physics, 2016, 18, 33226-33232.	1.3	13
125	Coupled motion of Xe clusters and quantum vortices in He nanodroplets. Physical Review B, 2016, 93, .	1.1	31
126	Polarization-assisted amplitude gating as a route to tunable, high-contrast attosecond pulses. Optica, 2016, 3, 707.	4.8	26



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127	Production and Photodissociation of the Methyl Perthyl Radical. <i>Journal of Physical Chemistry A</i> , 2016, 120, 4818-4826.	1.1	4
128	Probing the Dynamics of Rydberg and Valence States of Molecular Nitrogen with Attosecond Transient Absorption Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2016, 120, 3165-3174.	1.1	56
129	Isomer-specific vibronic structure of the 9-, 1-, and 2-anthracenyl radicals via slow photoelectron velocity-map imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1698-1705.	3.3	44
130	Real-Time Probing of Electron Dynamics Using Attosecond Time-Resolved Spectroscopy. <i>Annual Review of Physical Chemistry</i> , 2016, 67, 41-63.	4.8	168
131	Probing the microsolvation of a quaternary ion complex: gas phase vibrational spectroscopy of (NaSO <sub>4</sub> ) <sup>+</sup> (H <sub>2</sub> O) <sub>n</sub> . <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 267-277.	1.3	18
132	Probing Ionization Dynamics with Attosecond Transient Absorption Spectroscopy. , 2016, , .		0
133	Electron and Hole Dynamics in Silicon-Germanium Alloy Measured by Attosecond XUV Transient Absorption. , 2016, , .		0
134	Electron accommodation dynamics in the DNA base thymine. <i>Journal of Chemical Physics</i> , 2015, 143, 024312.	1.2	24
135	Communication: X-ray coherent diffractive imaging by immersion in nanodroplets. <i>Structural Dynamics</i> , 2015, 2, 051102.	0.9	38
136	Dynamics of electron solvation in methanol: Excited state relaxation and generation by charge-transfer-to-solvent. <i>Journal of Chemical Physics</i> , 2015, 142, 234501.	1.2	19
137	Attosecond Spectroscopy of Band-gap Dynamics. , 2015, , .		0
138	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.	0.6	14
139	Vibrational and Electronic Structure of the $\hat{1}\pm$ - and $\hat{1}^2$ -Naphthyl Radicals via Slow Photoelectron Velocity-Map Imaging. <i>Journal of the American Chemical Society</i> , 2015, 137, 1420-1423.	6.6	19
140	Spectroscopic observation of resonances in the F + H <sub>2</sub> reaction. <i>Science</i> , 2015, 349, 510-513.	6.0	98
141	Ultrafast electronic dynamics in helium nanodroplets. <i>International Reviews in Physical Chemistry</i> , 2015, 34, 239-267.	0.9	42
142	Microhydrated dihydrogen phosphate clusters probed by gas phase vibrational spectroscopy and first principles calculations. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25714-25724.	1.3	19
143	Probing ultrafast dynamics with attosecond transient absorption. <i>Chemical Physics Letters</i> , 2015, 624, 119-130.	1.2	84
144	Low-lying states of FeO and FeO <sup>+</sup> by slow photoelectron spectroscopy. <i>Molecular Physics</i> , 2015, 113, 2105-2114.	0.8	14

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145	Slow Photoelectron Velocity-Map Imaging Spectroscopy of the <i>ortho</i> -Hydroxyphenoxide Anion. Journal of Physical Chemistry A, 2015, 119, 6140-6147.	1.1	12
146	Benzyl Radical Photodissociation Dynamics at 248 nm. Journal of Physical Chemistry A, 2015, 119, 12349-12356.	1.1	20
147	Dynamics of dipole- and valence bound anions in iodide-adenine binary complexes: A time-resolved photoelectron imaging and quantum mechanical investigation. Journal of Chemical Physics, 2015, 143, 104308.	1.2	32
148	Attosecond Transient Absorption Explores Coupling Mechanisms of Autoionizing States. , 2015, , .		0
149	Time-resolved radiation chemistry: Dynamics of electron attachment to uracil following UV excitation of iodide-uracil complexes. Journal of Chemical Physics, 2014, 141, 224310.	1.2	31
150	Attosecond transient absorption probing of electronic superpositions of bound states in neon: detection of quantum beats. New Journal of Physics, 2014, 16, 113016.	1.2	54
151	High-spectral-resolution attosecond absorption spectroscopy of autoionization in xenon. Physical Review A, 2014, 89, .	1.0	54
152	Revisiting the photodissociation dynamics of the phenyl radical. Journal of Chemical Physics, 2014, 141, 104307.	1.2	13
153	Slow photoelectron velocity-map imaging spectroscopy of the Fe <sup>3+</sup> and Co <sup>3+</sup> anions. Journal of Chemical Physics, 2014, 141, 174307.	1.2	6
154	Decay dynamics of nascent acetonitrile and nitromethane dipole-bound anions produced by intracluster charge-transfer. Journal of Chemical Physics, 2014, 140, 184317.	1.2	37
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