

Daniel M Neumark

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

461
papers

20,114
citations

74
h-index

116
g-index

507
ext. papers

21,486
ext. citations

5.9
avg, IF

6.84
L-index

#	Paper	IF	Citations
461	Sizes of pure and doped helium droplets from single shot x-ray imaging.. <i>Journal of Chemical Physics</i> , 2022 , 156, 041102	3.9	1
460	Theoretical analysis of the role of complex transition dipole phase in XUV transient-absorption probing of charge migration.. <i>Optics Express</i> , 2022 , 30, 5673-5682	3.3	0
459	Conical intersection and coherent vibrational dynamics in alkyl iodides captured by attosecond transient absorption spectroscopy.. <i>Journal of Chemical Physics</i> , 2022 , 156, 114304	3.9	0
458	Structural Characterization of Nickel-Doped Aluminum Oxide Cations by Cryogenic Ion Trap Vibrational Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 9527-9535	2.8	1
457	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	2.8	1
456	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	3.2	1
455	Mapping wave packet bifurcation at a conical intersection in CHI by attosecond XUV transient absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2021 , 154, 234301	3.9	6
454	Coupled nuclear-electronic decay dynamics of O inner valence excited states revealed by attosecond XUV wave-mixing spectroscopy. <i>Faraday Discussions</i> , 2021 , 228, 537-554	3.6	2
453	High-resolution anion photoelectron spectroscopy of cryogenically cooled 4-atom silicon carbides. <i>Molecular Physics</i> , 2021 , 119, e1817596	1.7	2
452	Accurate vertical ionization energy and work function determinations of liquid water and aqueous solutions. <i>Chemical Science</i> , 2021 , 12, 10558-10582	9.4	10
451	Low-energy constraints on photoelectron spectra measured from liquid water and aqueous solutions. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 8246-8260	3.6	15
450	Electron thermalization and relaxation in laser-heated nickel by few-femtosecond core-level transient absorption spectroscopy. <i>Physical Review B</i> , 2021 , 103,	3.3	8
449	Spectroscopic evidence for a gold-coloured metallic water solution. <i>Nature</i> , 2021 , 595, 673-676	50.4	2
448	High-Resolution Photoelectron Spectroscopy of Vibrationally Excited OH. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 7260-7265	2.8	3
447	Coupled valence carrier and core-exciton dynamics in WS ₂ probed by few-femtosecond extreme ultraviolet transient absorption spectroscopy. <i>Physical Review B</i> , 2021 , 104,	3.3	4
446	Electronic structure of NdO via slow photoelectron velocity-map imaging spectroscopy of NdO. <i>Journal of Chemical Physics</i> , 2021 , 155, 114305	3.9	1
445	Autobiography of Daniel M. Neumark. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 10257-10263	2.8	

444	Beam optimization in a 25 TW femtosecond laser system for high harmonic generation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020 , 53, 145602	1.3	2
443	Attosecond Time-Domain Measurement of Core-Level-Exciton Decay in Magnesium Oxide. <i>Physical Review Letters</i> , 2020 , 124, 207401	7.4	11
442	Coherent electronic-vibrational dynamics in deuterium bromide probed via attosecond transient-absorption spectroscopy. <i>Physical Review A</i> , 2020 , 101,	2.6	11
441	Efficient table-top beamline for attosecond molecular and solid-state dynamics at the carbon K-edge. <i>Journal of Physics: Conference Series</i> , 2020 , 1412, 072046	0.3	
440	Efficient table-top dual-wavelength beamline for ultrafast transient absorption spectroscopy in the soft X-ray region. <i>Scientific Reports</i> , 2020 , 10, 5773	4.9	16
439	Infrared photodissociation spectroscopy of D2-tagged CH3CO2(H2O)0-2 anions. <i>Molecular Physics</i> , 2020 , 118, e1749953	1.7	4
438	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	2.5	1
437	Unveiling the coexistence of cis- and trans-isomers in the hydrolysis of ZrO: A coupled DFT and high-resolution photoelectron spectroscopy study. <i>Journal of Chemical Physics</i> , 2020 , 153, 244308	3.9	2
436	Attosecond XUV probing of vibronic quantum superpositions in Br2+. <i>Physical Review A</i> , 2020 , 102,	2.6	2
435	Ultrafast relaxation of photoexcited superfluid He nanodroplets. <i>Nature Communications</i> , 2020 , 11, 11217.4	17.4	16
434	High-Resolution Photoelectron Spectroscopy of Cryogenically Cooled NO . <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 395-400	6.4	8
433	Photodissociation dynamics of the tert-butyl perthiyl radical. <i>Journal of Chemical Physics</i> , 2020 , 152, 244301	3.9	1
432	Photodissociation of iso-propoxy (i-CHO) radical at 248 nm. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 17738-17748	3.6	
431	Simultaneous Observation of Carrier-Specific Redistribution and Coherent Lattice Dynamics in 2H-MoTe with Femtosecond Core-Level Spectroscopy. <i>ACS Nano</i> , 2020 , 14, 15829-15840	16.7	15
430	Revealing electronic state-switching at conical intersections in alkyl iodides by ultrafast XUV transient absorption spectroscopy. <i>Nature Communications</i> , 2020 , 11, 4042	17.4	17
429	Attosecond spectroscopy reveals alignment dependent core-hole dynamics in the ICl molecule. <i>Nature Communications</i> , 2020 , 11, 5810	17.4	4
428	Photo-induced dynamics in bromoform molecules studied by femtosecond XUV transient absorption spectroscopy. <i>EPJ Web of Conferences</i> , 2019 , 205, 06003	0.3	
427	High-resolution photoelectron spectroscopy of the pyridinide isomers. <i>Journal of Chemical Physics</i> , 2019 , 151, 064302	3.9	4

426	Autoionization dynamics of (P)ns/d 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	3.9	6
425	Photoelectron spectra of AlO and AlOvia slow electron velocity-map imaging. <i>Faraday Discussions</i> , 2019 , 217, 235-255	3.6	7
424	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	3.6	3
423	Enhanced reactivity of fluorine with para-hydrogen in cold interstellar clouds by resonance-induced quantum tunnelling. <i>Nature Chemistry</i> , 2019 , 11, 744-749	17.6	23
422	Nonlinear XUV signal generation probed by transient grating spectroscopy with attosecond pulses. <i>Nature Communications</i> , 2019 , 10, 1384	17.4	12
421	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	3.6	27
420	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	3	69
419	Photodissociation dynamics of the methylsulfinyl radical at 248 nm. <i>Molecular Physics</i> , 2019 , 117, 3043-3055	3.6	1
418	Femtosecond Time-Resolved Photoelectron Spectroscopy of Molecular Anions 2019 , 307-335		
417	Going large(r): general discussion. <i>Faraday Discussions</i> , 2019 , 217, 476-513	3.6	1
416	Disentangling conical intersection and coherent molecular dynamics in methyl bromide with attosecond transient absorption spectroscopy. <i>Nature Communications</i> , 2019 , 10, 3133	17.4	40
415	Pushing resolution in frequency and time: general discussion. <i>Faraday Discussions</i> , 2019 , 217, 290-321	3.6	
414	Direct mapping of curve-crossing dynamics in IBr by attosecond transient absorption spectroscopy. <i>Science</i> , 2019 , 365, 79-83	33.3	55
413	Probing the Structural Evolution of the Hydrated Electron in Water Cluster Anions (HO) _n , n=0, by Electronic Absorption Spectroscopy. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18000-18003	16.4	13
412	Multiphoton dissociation dynamics of the indenyl radical at 248 nm and 193 nm. <i>Journal of Chemical Physics</i> , 2019 , 151, 174303	3.9	2
411	Retrieval of the complex-valued refractive index of germanium near the M4,5 absorption edge. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019 , 36, 1716	1.7	6
410	investigation of Br-3 core-excited states in HBr and HBr toward XUV probing of photochemical dynamics. <i>Structural Dynamics</i> , 2019 , 6, 014101	3.2	7
409	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 ^{2,8,11}	2.8	11

408	Probing ultrafast C-Br bond fission in the UV photochemistry of bromoform with core-to-valence transient absorption spectroscopy. <i>Structural Dynamics</i> , 2019 , 6, 054304	3.2	7
407	NaI revisited: Theoretical investigation of predissociation via ultrafast XUV transient absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2019 , 151, 204103	3.9	2
406	Time-resolved dynamics in iodide-uracil-water clusters upon excitation of the nucleobase. <i>Journal of Chemical Physics</i> , 2019 , 151, 154304	3.9	6
405	CO ₂ Adsorption on Ti ₃ O ₆ A Novel Carbonate Binding Motif. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 8439-8446	3.8	12
404	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	3.9	19
403	High-resolution photoelectron spectroscopy of TiOH: Probing the TiO + HO dissociative adduct. <i>Journal of Chemical Physics</i> , 2018 , 148, 222810	3.9	16
402	Excited-state vibronic wave-packet dynamics in H ₂ probed by XUV transient four-wave mixing. <i>Physical Review A</i> , 2018 , 97,	2.6	16
401	Photodissociation of the Cyclopentadienyl Radical at 248 nm. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 4265-4272	2.8	8
400	Autodetachment from Vibrationally Excited Vinylidene Anions. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 1058-1063	6.4	11
399	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	1.7	8
398	Photodissociation dynamics of the simplest alkyl peroxy radicals, CHOO and CHOO, at 248 nm. <i>Journal of Chemical Physics</i> , 2018 , 148, 044309	3.9	5
397	Slow Photoelectron Velocity-Map Imaging of Cryogenically Cooled Anions. <i>Annual Review of Physical Chemistry</i> , 2018 , 69, 101-124	15.7	43
396	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	3.9	10
395	Selectivity of Electronic Coherence and Attosecond Ionization Delays in Strong-Field Double Ionization. <i>Physical Review Letters</i> , 2018 , 120, 233201	7.4	18
394	Dissociative Water Adsorption on Gas-Phase Titanium Dioxide Cluster Anions Probed with Infrared Photodissociation Spectroscopy. <i>Topics in Catalysis</i> , 2018 , 61, 92-105	2.3	19
393	Slow photoelectron velocity-map imaging of cold and. <i>Journal of Chemical Physics</i> , 2018 , 149, 174306	3.9	8
392	Multidimensional spectroscopy with attosecond extreme ultraviolet and shaped near-infrared pulses. <i>Science Advances</i> , 2018 , 4, eaau3783	14.3	20
391	The ultrafast X-ray spectroscopic revolution in chemical dynamics. <i>Nature Reviews Chemistry</i> , 2018 , 2, 82-94	34.6	134

390	Time-resolved photoelectron spectroscopy of adenosine and adenosine monophosphate photodeactivation dynamics in water microjets. <i>Journal of Chemical Physics</i> , 2018 , 148, 194303	3.9	12
389	Femtosecond tracking of carrier relaxation in germanium with extreme ultraviolet transient reflectivity. <i>Physical Review B</i> , 2018 , 97,	3.3	25
388	Multiple pulse coherent dynamics and wave packet control of the N a" ̄dark state by attosecond four-wave mixing. <i>Faraday Discussions</i> , 2018 , 212, 157-174	3.6	13
387	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	1.3	5
386	Dynamical resonances in chemical reactions. <i>Chemical Society Reviews</i> , 2018 , 47, 6744-6763	58.5	26
385	Photodissociation Dynamics of the 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	2.8	2
384	Attosecond transient absorption spectroscopy of molecular nitrogen: Vibrational coherences in the b? 1̄u state. <i>Chemical Physics Letters</i> , 2017 , 683, 408-415	2.5	21
383	Attosecond transient-absorption dynamics of xenon core-excited states in a strong driving field. <i>Physical Review A</i> , 2017 , 95,	2.6	15
382	Low-lying vibronic level structure of the ground state of the methoxy radical: Slow electron velocity-map imaging (SEVI) spectra and K̄̄̄pel-Domcke-Cederbaum (KDC) vibronic Hamiltonian calculations. <i>Journal of Chemical Physics</i> , 2017 , 146, 224309	3.9	12
381	Direct and simultaneous observation of ultrafast electron and hole dynamics in germanium. <i>Nature Communications</i> , 2017 , 8, 15734	17.4	73
380	Slow photoelectron velocity-map imaging of cold tert-butyl peroxide. <i>Journal of Chemical Physics</i> , 2017 , 147, 013915	3.9	6
379	Ultrafast carrier thermalization and trapping in silicon-germanium alloy probed by extreme ultraviolet transient absorption spectroscopy. <i>Structural Dynamics</i> , 2017 , 4, 044029	3.2	26
378	Investigation of the two- and three-fragment photodissociation of the tert-butyl peroxy radical at 248 nm. <i>Journal of Chemical Physics</i> , 2017 , 147, 134304	3.9	5
377	Photodissociation dynamics of fulvenallene and the fulvenallenyl radical at 248 and 193 nm. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 29305-29314	3.6	6
376	Encoding of vinylidene isomerization in its anion photoelectron spectrum. <i>Science</i> , 2017 , 358, 336-339	33.3	36
375	Tracking the insulator-to-metal phase transition in VO 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	11.5	75
374	Feshbach resonances in the exit channel of the F + CHOH -HF + CHO reaction observed using transition-state spectroscopy. <i>Nature Chemistry</i> , 2017 , 9, 950-955	17.6	55
373	High-resolution photoelectron imaging of cryogenically cooled ̄and ̄furanyl anions. <i>Journal of Molecular Spectroscopy</i> , 2017 , 332, 16-21	1.3	6

372	Electronic structure of SmO and SmO via slow photoelectron velocity-map imaging spectroscopy and spin-orbit CASPT2 calculations. <i>Journal of Chemical Physics</i> , 2017 , 147, 234311	3.9	10
371	Generating high-contrast, near single-cycle waveforms with third-order dispersion compensation. <i>Optics Letters</i> , 2017 , 42, 811-814	3	49
370	Attosecond science in atomic, molecular, and condensed matter physics. <i>Faraday Discussions</i> , 2016 , 194, 15-39	3.6	17
369	Near-resonant four-wave mixing of attosecond extreme-ultraviolet pulses with near-infrared pulses in neon: Detection of electronic coherences. <i>Physical Review A</i> , 2016 , 94,	2.6	25
368	Noncollinear wave mixing of attosecond XUV and few-cycle optical laser pulses in gas-phase atoms: Toward multidimensional spectroscopy involving XUV excitations. <i>Physical Review A</i> , 2016 , 94,	2.6	37
367	Non-Adiabatic Effects on Excited States of Vinylidene Observed with Slow Photoelectron Velocity-Map Imaging. <i>Journal of the American Chemical Society</i> , 2016 , 138, 16417-16425	16.4	25
366	Time-resolved photoelectron imaging of iodide-nitromethane (IICHNO) photodissociation dynamics. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 33226-33232	3.6	8
365	Coupled motion of Xe clusters and quantum vortices in He nanodroplets. <i>Physical Review B</i> , 2016 , 93,	3.3	27
364	Polarization-assisted amplitude gating as a route to tunable, high-contrast attosecond pulses. <i>Optica</i> , 2016 , 3, 707	8.6	22
363	Production and Photodissociation of the Methyl Perthiyl Radical. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 4818-26	2.8	4
362	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, 3165-74	2.8	39
361	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, 1698-705	11.5	37
360	Real-Time Probing of Electron Dynamics Using Attosecond Time-Resolved Spectroscopy. <i>Annual Review of Physical Chemistry</i> , 2016 , 67, 41-63	15.7	135
359	Probing the microsolvation of a quaternary ion complex: gas phase vibrational spectroscopy of (NaSO ₄ (-)) ₂ (H ₂ O)(n=0-6, 8). <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 267-77	3.6	15
358	Simultaneous generation of sub-5-femtosecond 400 nm and 800 nm pulses for attosecond extreme ultraviolet pump-probe spectroscopy. <i>Optics Letters</i> , 2016 , 41, 5365-5368	3	14
357	Structural dynamics: general discussion. <i>Faraday Discussions</i> , 2016 , 194, 583-620	3.6	
356	Vibrational and condensed phase dynamics: general discussion. <i>Faraday Discussions</i> , 2016 , 194, 747-775	3.6	1
355	Electronic and non-adiabatic dynamics: general discussion. <i>Faraday Discussions</i> , 2016 , 194, 209-257	3.6	3

354	Photodissociation dynamics of the iodide-uracil (I(-)U) complex. <i>Journal of Chemical Physics</i> , 2016 , 145, 044319	3.9	17
353	High-resolution photoelectron imaging spectroscopy of cryogenically cooled Fe ₄ O(-) and Fe ₅ O(.). <i>Journal of Chemical Physics</i> , 2016 , 145, 054302	3.9	9
352	Dissociation Dynamics and Electronic Structures of Highly Excited Ferrocenium Ions Studied by Femtosecond XUV Absorption Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 9509-9518	2.8	13
351	Attosecond transient absorption of argon atoms in the vacuum ultraviolet region: line energy shifts versus coherent population transfer. <i>New Journal of Physics</i> , 2016 , 18, 013041	2.9	23
350	Photodissociation dynamics of the methyl perthiyl radical at 248 and 193 nm using fast-beam photofragment translational spectroscopy. <i>Journal of Chemical Physics</i> , 2016 , 145, 024305	3.9	12
349	Isotope effect on hydrated electron relaxation dynamics studied with time-resolved liquid jet photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 2016 , 144, 184503	3.9	17
348	Direct observation of ring-opening dynamics in strong-field ionized selenophene using femtosecond inner-shell absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2016 , 145, 234313	3.9	11
347	Gas phase vibrational spectroscopy of cold (TiO ₂) _n (-) (n = 3-8) clusters. <i>Journal of Chemical Physics</i> , 2016 , 144, 124308	3.9	13
346	Tracking dissociation dynamics of strong-field ionized 1,2-dibromoethane with femtosecond XUV transient absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 14644-53	3.6	18
345	Extreme ultraviolet transient absorption of solids from femtosecond to attosecond timescales. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016 , 33, C57	1.7	12
344	Vibrational and electronic structure of the $\dot{\text{H}}$ and $\dot{\text{H}}$ naphthyl radicals via slow photoelectron velocity-map imaging. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1420-3	16.4	18
343	REACTION DYNAMICS. Spectroscopic observation of resonances in the F + H ₂ reaction. <i>Science</i> , 2015 , 349, 510-3	33.3	84
342	Ultrafast electronic dynamics in helium nanodroplets. <i>International Reviews in Physical Chemistry</i> , 2015 , 34, 239-267	7	32
341	Microhydrated dihydrogen phosphate clusters probed by gas phase vibrational spectroscopy and first principles calculations. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 25714-24	3.6	18
340	Probing ultrafast dynamics with attosecond transient absorption. <i>Chemical Physics Letters</i> , 2015 , 624, 119-130	2.5	67
339	Low-lying states of FeO and FeO $\dot{\text{O}}$ by slow photoelectron spectroscopy. <i>Molecular Physics</i> , 2015 , 113, 2105-2114	1.7	10
338	Slow Photoelectron Velocity-Map Imaging Spectroscopy of the ortho-Hydroxyphenoxide Anion. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 6140-7	2.8	12
337	Benzyl Radical Photodissociation Dynamics at 248 nm. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 12349-56	3.9	19

336	Dynamics of dipole- and valence bound anions in iodide-adenine binary complexes: A time-resolved photoelectron imaging and quantum mechanical investigation. <i>Journal of Chemical Physics</i> , 2015 , 143, 104308	3.9	20
335	Electron accommodation dynamics in the DNA base thymine. <i>Journal of Chemical Physics</i> , 2015 , 143, 024312	3.2	19
334	Communication: X-ray coherent diffractive imaging by immersion in nanodroplets. <i>Structural Dynamics</i> , 2015 , 2, 051102	3.2	32
333	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	3.9	17
332	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	1.3	12
331	Resonances in the Entrance Channel of the Elementary Chemical Reaction of Fluorine and Methane. <i>Angewandte Chemie</i> , 2014 , 126, 1140-1144	3.6	1
330	Large amplitude motion in cold monohydrated dihydrogen phosphate anions H ₂ PO ₄ ⁽⁻⁾ (H ₂ O): infrared photodissociation spectroscopy combined with ab initio molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 1314-8	3.6	29
329	Resolving multi-exciton generation by attosecond spectroscopy. <i>Optics Express</i> , 2014 , 22, 26285-93	3.3	3
328	Infrared photodissociation spectroscopy of microhydrated nitrate-nitric acid clusters NO ₃ ⁽⁻⁾ (HNO ₃) _(m) (H ₂ O) _(n) . <i>Journal of Physical Chemistry A</i> , 2014 , 118, 7613-22	2.8	32
327	Helium superfluidity. Shapes and vorticities of superfluid helium nanodroplets. <i>Science</i> , 2014 , 345, 906-933	3.3	172
326	Atomic-Scale Perspective of Ultrafast Charge Transfer at a Dye-Semiconductor Interface. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 2753-9	6.4	73
325	Structural isomers of TiO ₂ and ZrO ₂ anions identified by slow photoelectron velocity-map imaging spectroscopy. <i>Journal of the American Chemical Society</i> , 2014 , 136, 7159-68	16.4	35
324	Ionization and dissociation dynamics of vinyl bromide probed by femtosecond extreme ultraviolet transient absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2014 , 140, 064311	3.9	21
323	Resonances in the entrance channel of the elementary chemical reaction of fluorine and methane. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 1122-6	16.4	57
322	Time-resolved radiation chemistry: dynamics of electron attachment to uracil following UV excitation of iodide-uracil complexes. <i>Journal of Chemical Physics</i> , 2014 , 141, 224310	3.9	25
321	Attosecond transient absorption probing of electronic superpositions of bound states in neon: detection of quantum beats. <i>New Journal of Physics</i> , 2014 , 16, 113016	2.9	44
320	High-spectral-resolution attosecond absorption spectroscopy of autoionization in xenon. <i>Physical Review A</i> , 2014 , 89,	2.6	44
319	Revisiting the photodissociation dynamics of the phenyl radical. <i>Journal of Chemical Physics</i> , 2014 , 141, 104307	3.9	9

318	Slow photoelectron velocity-map imaging spectroscopy of the FeD ⁻ and CoD ⁻ anions. <i>Journal of Chemical Physics</i> , 2014 , 141, 174307	3.9	6
317	Decay dynamics of nascent acetonitrile and nitromethane dipole-bound anions produced by intracluster charge-transfer. <i>Journal of Chemical Physics</i> , 2014 , 140, 184317	3.9	31
316	Investigation of 3-fragment photodissociation of O ₃ at 193.4 and 157.6 nm by coincident measurements. <i>Journal of Chemical Physics</i> , 2014 , 140, 234304	3.9	7
315	Femtosecond time-resolved XUV + UV photoelectron imaging of pure helium nanodroplets. <i>Journal of Chemical Physics</i> , 2014 , 141, 174306	3.9	12
314	Rovibronic structure in slow photoelectron velocity-map imaging spectroscopy of CH ₂ CN ⁻ and CD ₂ CN ⁻ . <i>Journal of Chemical Physics</i> , 2014 , 140, 104305	3.9	15
313	Ultrafast dynamics. Attosecond band-gap dynamics in silicon. <i>Science</i> , 2014 , 346, 1348-52	33.3	315
312	Vibronic structure of VO ₂ probed by slow photoelectron velocity-map imaging spectroscopy. <i>Journal of Chemical Physics</i> , 2014 , 140, 034307	3.9	12
311	Assignment of Electronic Bands in the Photoelectron Spectrum of the VO ₂ (-) Anion. <i>Journal of Chemical Theory and Computation</i> , 2014 , 10, 5235-7	6.4	4
310	Frequency Tunable Attosecond Apparatus. <i>Springer Series in Chemical Physics</i> , 2014 , 49-63	0.3	2
309	Vibrational fine structure of C ₅ via anion slow photoelectron velocity-map imaging. <i>Journal of Chemical Physics</i> , 2013 , 139, 144314	3.9	8
308	Relaxation mechanism of the hydrated electron. <i>Science</i> , 2013 , 342, 1496-9	33.3	93
307	Photoelectron spectroscopy of solvated electrons in alcohol and acetonitrile microjets. <i>Chemical Science</i> , 2013 , 4, 1633	9.4	32
306	High-resolution anion photoelectron spectra of TiO ₂ ⁻ , ZrO ₂ ⁻ , and HfO ₂ ⁻ obtained by slow electron velocity-map imaging. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 20973-81	3.6	24
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