

# Daniel M Neumark

## List of Publications by Citations

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21,486  
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#	Paper	IF	Citations
461	Femtosecond time-resolved photoelectron spectroscopy. <i>Chemical Reviews</i> , <b>2004</b> , 104, 1719-57	68.1	540
460	Molecular beam studies of the F+H <sub>2</sub> reaction. <i>Journal of Chemical Physics</i> , <b>1985</b> , 82, 3045-3066	3.9	382
459	Gas-phase infrared spectrum of the protonated water dimer. <i>Science</i> , <b>2003</b> , 299, 1375-7	33.3	361
458	Observation of large water-cluster anions with surface-bound excess electrons. <i>Science</i> , <b>2005</b> , 307, 93-6	33.3	351
457	Ultrafast dynamics. Attosecond band-gap dynamics in silicon. <i>Science</i> , <b>2014</b> , 346, 1348-52	33.3	315
456	Vibrationally resolved spectra of C <sub>2</sub> N <sub>11</sub> by anion photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , <b>1991</b> , 95, 8753-8764	3.9	277
455	Anion spectroscopy of uracil, thymine and the amino-oxo and amino-hydroxy tautomers of cytosine and their water clusters. <i>Chemical Physics</i> , <b>1998</b> , 239, 511-524	2.3	274
454	Laser photodetachment measurement of the electron affinity of atomic oxygen. <i>Physical Review A</i> , <b>1985</b> , 32, 1890-1892	2.6	248
453	Photoelectron spectroscopy of CN <sup>-</sup> , NCO <sup>-</sup> and NCS <sup>-</sup> . <i>Journal of Chemical Physics</i> , <b>1993</b> , 98, 800-810	3.9	242
452	Hydrated electron dynamics: from clusters to bulk. <i>Science</i> , <b>2004</b> , 306, 669-71	33.3	237
451	The transition state of the f + h <sub>2</sub> reaction. <i>Science</i> , <b>1993</b> , 262, 1852-5	33.3	234
450	Electron solvation in finite systems: femtosecond dynamics of iodide. (Water) <sub>n</sub> anion clusters. <i>Science</i> , <b>1999</b> , 284, 635-8	33.3	204
449	Molecular beam studies of the F+D <sub>2</sub> and F+HD reactions. <i>Journal of Chemical Physics</i> , <b>1985</b> , 82, 3067-3073	3.9	201
448	Slow electron velocity-map imaging of negative ions: applications to spectroscopy and dynamics. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 13287-301	2.8	184
447	Transition-state spectroscopy via negative ion photodetachment. <i>Accounts of Chemical Research</i> , <b>1993</b> , 26, 33-40	24.3	177
446	Single attosecond pulse generation in the multicycle-driver regime by adding a weak second-harmonic field. <i>Optics Letters</i> , <b>2006</b> , 31, 975-7	3	175
445	High resolution photodetachment spectroscopy of negative ions via slow photoelectron imaging. <i>Journal of Chemical Physics</i> , <b>2004</b> , 121, 6317-22	3.9	174

444	Helium superfluidity. Shapes and vorticities of superfluid helium nanodroplets. <i>Science</i> , <b>2014</b> , 345, 906-933	3.3	172
443	Infrared spectroscopy of the microhydrated nitrate ions NO <sub>3</sub> <sup>-</sup> (H <sub>2</sub> O) <sub>(1-6)</sub> . <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 7584-92	2.8	172
442	Probing the transition state with negative ion photodetachment: the chlorine atom + hydrogen chloride and bromine atom + hydrogen bromide reactions. <i>The Journal of Physical Chemistry</i> , <b>1990</b> , 94, 1377-1388		172
441	Time-resolved photoelectron spectroscopy of molecules and clusters. <i>Annual Review of Physical Chemistry</i> , <b>2001</b> , 52, 255-77	15.7	171
440	Examination of the 2A <sub>1</sub> and 2E <sub>g</sub> states of NO <sub>3</sub> by ultraviolet photoelectron spectroscopy of NO <sub>3</sub> <sup>-</sup> . <i>Journal of Chemical Physics</i> , <b>1991</b> , 94, 1740-1751	3.9	158
439	Photoelectron spectroscopy and zero electron kinetic energy spectroscopy of germanium cluster anions. <i>Journal of Chemical Physics</i> , <b>1996</b> , 104, 2757-2764	3.9	150
438	Real-Time Probing of Electron Dynamics Using Attosecond Time-Resolved Spectroscopy. <i>Annual Review of Physical Chemistry</i> , <b>2016</b> , 67, 41-63	15.7	135
437	Study of Si <sub>4</sub> and Si <sub>4</sub> <sup>-</sup> using threshold photodetachment (ZEKE) spectroscopy. <i>Journal of Chemical Physics</i> , <b>1993</b> , 99, 3353-3362	3.9	135
436	Vibrationally resolved photoelectron spectroscopy of silicon cluster anions Si <sub>n</sub> <sup>-</sup> (n=3-7). <i>Journal of Chemical Physics</i> , <b>1998</b> , 108, 1395-1406	3.9	134
435	The ultrafast X-ray spectroscopic revolution in chemical dynamics. <i>Nature Reviews Chemistry</i> , <b>2018</b> , 2, 82-94	34.6	134
434	Photodissociation dynamics of the N <sub>3</sub> radical. <i>Journal of Chemical Physics</i> , <b>1993</b> , 99, 2616-2631	3.9	130
433	Heterodyne mixing of laser fields for temporal gating of high-order harmonic generation. <i>Physical Review Letters</i> , <b>2006</b> , 97, 163901	7.4	128
432	Photodissociation of I <sub>2</sub> (Ar) <sub>n</sub> Clusters Studied with Anion Femtosecond Photoelectron Spectroscopy. <i>Science</i> , <b>1997</b> , 276, 1675-1678	33.3	126
431	Study of halogen-carbon dioxide clusters and the fluoroformyloxyl radical by photodetachment of X(CO <sub>2</sub> ) <sup>-</sup> (X=I,Cl,Br) and FCO <sub>2</sub> <sup>-</sup> . <i>Journal of Chemical Physics</i> , <b>1995</b> , 102, 3493-3509	3.9	120
430	Study of the ArBr <sup>-</sup> Ar <sub>n</sub> <sup>-</sup> and KrI <sub>2</sub> <sup>-</sup> anions and the corresponding neutral van der Waals complexes by anion zero electron kinetic energy spectroscopy. <i>Journal of Chemical Physics</i> , <b>1994</b> , 101, 6538-6551	3.9	119
429	Methylene singlet-triplet energy splitting by molecular beam photodissociation of ketene. <i>Journal of Chemical Physics</i> , <b>1982</b> , 76, 3607-3613	3.9	119
428	Photoelectron spectroscopy of hydrated electrons. <i>Chemical Physics Letters</i> , <b>2010</b> , 493, 216-219	2.5	118
427	Study of HCO <sub>2</sub> <sup>-</sup> and DCO <sub>2</sub> <sup>-</sup> by negative ion photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , <b>1995</b> , 103, 7801-7814	3.9	118

426	Dynamics of solvated electrons in clusters. <i>Chemical Reviews</i> , <b>2012</b> , 112, 5553-77	68.1	117
425	Infrared spectroscopy of hydrated bicarbonate anion clusters: HCO <sub>3</sub> <sup>-</sup> (H <sub>2</sub> O)(1-10). <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 849-56	16.4	117
424	Study of low-lying electronic states of ozone by anion photoelectron spectroscopy of O <sub>3</sub> <sup>-</sup> . <i>Journal of Chemical Physics</i> , <b>1994</b> , 101, 912-922	3.9	114
423	Study of the low-lying electronic states of Si <sub>2</sub> and Si <sub>3</sub> using negative ion photodetachment techniques. <i>Journal of Chemical Physics</i> , <b>1991</b> , 95, 1441-1448	3.9	114
422	Study of the transition state region in the Cl+HCl reaction by photoelectron spectroscopy of ClHCl <sup>-</sup> . <i>Journal of Chemical Physics</i> , <b>1988</b> , 88, 1463-1465	3.9	113
421	Transition State Spectroscopy of Bimolecular Chemical Reactions. <i>Annual Review of Physical Chemistry</i> , <b>1992</b> , 43, 153-176	15.7	112
420	Autodetachment spectroscopy and dynamics of CH <sub>2</sub> CN <sup>-</sup> and CD <sub>2</sub> CN <sup>-</sup> . <i>Journal of Chemical Physics</i> , <b>1987</b> , 87, 6842-6853	3.9	111
419	Infrared spectrum and autodetachment dynamics of NH <sub>2</sub> <sup>-</sup> . <i>Journal of Chemical Physics</i> , <b>1985</b> , 83, 4364-4373	3.9	109
418	Infrared spectroscopy of hydrated sulfate dianions. <i>Journal of Chemical Physics</i> , <b>2006</b> , 125, 111102	3.9	105
417	Electronic relaxation dynamics of water cluster anions. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 15283-95	16.4	104
416	Experimental and theoretical studies of the F+H <sub>2</sub> transition state region via photoelectron spectroscopy of FH <sub>2</sub> <sup>-</sup> . <i>Journal of Chemical Physics</i> , <b>1993</b> , 99, 6345-6359	3.9	104
415	Threshold photodetachment spectroscopy of the iodine atom + hydrogen iodide transition-state region. <i>The Journal of Physical Chemistry</i> , <b>1990</b> , 94, 2240-2242		103
414	Vibrationally resolved photoelectron spectra of Si <sub>2</sub> <sup>-</sup> and Si <sub>3</sub> <sup>-</sup> . <i>Journal of Chemical Physics</i> , <b>1990</b> , 93, 6108-6110	3.9	102
413	Fast beam photodissociation spectroscopy and dynamics of the vinoxy radical. <i>Journal of Chemical Physics</i> , <b>1997</b> , 106, 3049-3066	3.9	101
412	Probing the transition state with negative ion photodetachment: experiment and theory. <i>Physical Chemistry Chemical Physics</i> , <b>2005</b> , 7, 433-42	3.6	99
411	Spectroscopy of the iodine atom + hydrogen iodide transition-state region by photodetachment of IHI <sup>-</sup> . <i>The Journal of Physical Chemistry</i> , <b>1988</b> , 92, 5558-5560		99
410	Photodissociation Dynamics. <i>The Journal of Physical Chemistry</i> , <b>1996</b> , 100, 12801-12816		96
409	Vibrational spectroscopy of microhydrated conjugate base anions. <i>Accounts of Chemical Research</i> , <b>2012</b> , 45, 43-52	24.3	95

408	Many-body effects in weakly bound anion and neutral clusters: Zero electron kinetic energy spectroscopy and threshold photodetachment spectroscopy of $\text{ArnBr}^- (n=2\text{B})$ and $\text{ArnI}^- (n=2\text{B}9)$ . <i>Journal of Chemical Physics</i> , <b>1996</b> , 105, 351-373	3.9	95
407	Threshold photodetachment zero-electron kinetic energy spectroscopy of $\text{Si}^-$ . <i>Journal of Chemical Physics</i> , <b>1994</b> , 100, 1797-1804	3.9	95
406	Photoelectron spectroscopy of $\text{C}_4^-$ , $\text{C}_6^-$ and $\text{C}_8^-$ . <i>Journal of Chemical Physics</i> , <b>1997</b> , 107, 3428-3436	3.9	94
405	Relaxation mechanism of the hydrated electron. <i>Science</i> , <b>2013</b> , 342, 1496-9	33.3	93
404	Slow photoelectron velocity-map imaging spectroscopy of cold negative ions. <i>Journal of Chemical Physics</i> , <b>2012</b> , 137, 244201	3.9	92
403	Light-induced states in attosecond transient absorption spectra of laser-dressed helium. <i>Physical Review A</i> , <b>2012</b> , 86,	2.6	92
402	Determination of absolute photoionization cross sections for vinyl and propargyl radicals. <i>Journal of Chemical Physics</i> , <b>2003</b> , 119, 5311-5314	3.9	92
401	Photoelectron spectra of the $\text{C}_2\text{nH}^- (n=1\text{B})$ and $\text{C}_2\text{nD}^- (n=1\text{B})$ anions. <i>Journal of Chemical Physics</i> , <b>1998</b> , 108, 10018-10026	3.9	92
400	Characterization of the $\text{I}_2^-$ anion ground state using conventional and femtosecond photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , <b>1997</b> , 107, 7613-7619	3.9	90
399	Experimental Investigation of Resonances in Reactive Scattering: The $\text{F} + \text{H}_2$ Reaction. <i>Physical Review Letters</i> , <b>1984</b> , 53, 226-229	7.4	89
398	Time-resolved photoelectron imaging of the photodissociation of $\text{I}_2^-$ . <i>Journal of Chemical Physics</i> , <b>2003</b> , 118, 999-1002	3.9	86
397	REACTION DYNAMICS. Spectroscopic observation of resonances in the $\text{F} + \text{H}_2$ reaction. <i>Science</i> , <b>2015</b> , 349, 510-3	33.3	84
396	High resolution threshold photodetachment spectroscopy of negative ions. <i>Chemical Physics Letters</i> , <b>1989</b> , 159, 300-306	2.5	83
395	Photodissociation dynamics of the $\text{I}_2^-$ anion using femtosecond photoelectron spectroscopy. <i>Chemical Physics Letters</i> , <b>1996</b> , 258, 523-529	2.5	82
394	Spectroscopy and electron detachment dynamics of $\text{C}_4^-$ , $\text{C}_6^-$ , and $\text{C}_8^-$ . <i>Journal of Chemical Physics</i> , <b>1996</b> , 105, 4905-4919	3.9	82
393	Evolution of electronic structure as a function of size in gallium phosphide semiconductor clusters. <i>Chemical Physics Letters</i> , <b>1998</b> , 297, 133-140	2.5	81
392	Study of $\text{I}^-(\text{CO}_2)_n$ , $\text{Br}^-(\text{CO}_2)_n$ , and $\text{I}^-(\text{N}_2\text{O})_n$ clusters by anion photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , <b>1995</b> , 102, 3510-3518	3.9	81
391	Femtosecond photoelectron spectroscopy of the $\text{I}_2^-$ anion: A semiclassical molecular dynamics simulation method. <i>Journal of Chemical Physics</i> , <b>1999</b> , 110, 3736-3747	3.9	79

390	Infrared Spectroscopy of Hydrated Bisulfate Anion Clusters: $\text{HSO}_4^-(\text{H}_2\text{O})_{1-6}$ . <i>Journal of Physical Chemistry Letters</i> , <b>2011</b> , 2, 2135-2140	6.4	77
389	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> , <b>2017</b> , 114, 9558-9563	11.5	75
388	Isolated attosecond pulses from ionization gating of high-harmonic emission. <i>Chemical Physics</i> , <b>2009</b> , 366, 9-14	2.3	75
387	Direct and simultaneous observation of ultrafast electron and hole dynamics in germanium. <i>Nature Communications</i> , <b>2017</b> , 8, 15734	17.4	73
386	Atomic-Scale Perspective of Ultrafast Charge Transfer at a Dye-Semiconductor Interface. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 2753-9	6.4	73
385	Isolated attosecond pulses using a detuned second-harmonic field. <i>Optics Letters</i> , <b>2007</b> , 32, 3134-6	3	73
384	Determination of absolute photoionization cross sections for isomers of $\text{C}_3\text{H}_5$ : allyl and 2-propenyl radicals. <i>Chemical Physics Letters</i> , <b>2004</b> , 383, 601-605	2.5	73
383	Vibrational spectroscopy of hydrated electron clusters $(\text{H}_2\text{O})^-(15-50)$ via infrared multiple photon dissociation. <i>Journal of Chemical Physics</i> , <b>2007</b> , 126, 191105	3.9	72
382	Spectroscopy and dynamics of excess electrons in clusters. <i>Molecular Physics</i> , <b>2008</b> , 106, 2183-2197	1.7	71
381	Photodissociation spectroscopy and dynamics of the $\text{N}_2\text{O}^-$ anion. <i>Journal of Chemical Physics</i> , <b>1996</b> , 104, 5026-5039	3.9	71
380	Autodetachment study of the electronic spectroscopy of $\text{FeO}^-$ . <i>Journal of Chemical Physics</i> , <b>1987</b> , 86, 1858-1867	3.9	71
379	Dynamics of electron solvation in molecular clusters. <i>Accounts of Chemical Research</i> , <b>2009</b> , 42, 769-77	24.3	70
378	Anion Photoelectron Spectroscopy of Aluminum Phosphide Clusters. <i>Journal of Physical Chemistry A</i> , <b>2001</b> , 105, 6886-6893	2.8	70
377	Anion photoelectron spectroscopy of $\text{B}_2\text{N}^-$ . <i>Journal of Chemical Physics</i> , <b>1999</b> , 111, 8838-8851	3.9	70
376	Anion photoelectron spectroscopy of small indium phosphide clusters $(\text{In}_x\text{P}_y^-; x,y=1-4)$ . <i>Journal of Chemical Physics</i> , <b>1994</b> , 101, 5406-5409	3.9	70
375	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> , <b>2019</b> , 377, 20170463	3	69
374	Nonadiabatic interactions in the $\text{Cl} + \text{H}_2$ reaction probed by $\text{ClH}_2^-$ and $\text{ClD}_2^-$ photoelectron imaging. <i>Science</i> , <b>2008</b> , 319, 72-5	33.3	69
373	Probing ultrafast dynamics with attosecond transient absorption. <i>Chemical Physics Letters</i> , <b>2015</b> , 624, 119-130	2.5	67

- 372 Transition state spectroscopy of the OH + H<sub>2</sub> → H<sub>2</sub>O + H reaction via photodetachment of H<sub>3</sub>O<sup>-</sup> and D<sub>3</sub>O<sup>-</sup>. *The Journal of Physical Chemistry*, **1995**, 99, 13627-13636 67
- 371 Study of the predissociation of CH<sub>3</sub>OH(2A<sub>1</sub>) by fast beam photofragment translational spectroscopy. *Chemical Physics Letters*, **1995**, 235, 484-489 2.5 66
- 370 Nonstatistical unimolecular dissociation over a barrier. *Journal of Chemical Physics*, **1998**, 108, 2448-2457.9 65
- 369 Spectroscopy of the transition state: hydrogen abstraction reactions of fluorine. *The Journal of Physical Chemistry*, **1991**, 95, 8066-8078 65
- 368 Fast beam studies of N<sub>3</sub> photodissociation. *Chemical Physics Letters*, **1991**, 182, 406-411 2.5 65
- 367 Study of C<sub>6</sub><sup>+</sup> and C<sub>6</sub> with threshold photodetachment spectroscopy and autodetachment spectroscopy. *Journal of Chemical Physics*, **1992**, 97, 6121-6135 3.9 65
- 366 Time-resolved spectroscopy of attosecond quantum dynamics. *Chemical Physics Letters*, **2008**, 463, 11-24.5 64
- 365 Fast beam studies of NCO free radical photodissociation. *Journal of Chemical Physics*, **1992**, 97, 4937-4947.9 62
- 364 Negative-ion photodetachment as a probe of bimolecular transition states: the F + H<sub>2</sub> reaction. *Faraday Discussions of the Chemical Society*, **1991**, 91, 5 62
- 363 Photodissociation spectroscopy and dynamics of the HCCO free radical. *Journal of Chemical Physics*, **1997**, 106, 10087-10098 3.9 61
- 362 Study of the low-lying states of Ge<sub>2</sub> and Ge<sub>2</sub><sup>-</sup> using negative ion zero electron kinetic energy spectroscopy. *Journal of Chemical Physics*, **1995**, 102, 6982-6989 3.9 61
- 361 Reassignment of the Si<sub>2</sub><sup>-</sup> photodetachment spectra. *Journal of Chemical Physics*, **1993**, 99, 766-768 3.9 61
- 360 Examination of the Br+HI, Cl+HI, and F+HI hydrogen abstraction reactions by photoelectron spectroscopy of BrHI, ClHI, and FHI. *Journal of Chemical Physics*, **1990**, 92, 7205-7222 3.9 61
- 359 Photoelectron spectroscopy of GaX<sub>2</sub><sup>-</sup>, Ga<sub>2</sub>X<sup>-</sup>, Ga<sub>2</sub>X<sub>2</sub><sup>-</sup> and Ga<sub>2</sub>X<sub>3</sub><sup>-</sup> (X=P,As). *Journal of Chemical Physics*, **2001**, 115, 4620-4631 3.9 60
- 358 Photoelectron imaging of helium droplets. *Physical Review Letters*, **2003**, 91, 043401 7.4 59
- 357 Zero electron kinetic energy spectroscopy of the ArCl<sub>2</sub><sup>-</sup> anion. *Journal of Chemical Physics*, **1999**, 110, 9578-9586 3.9 58
- 356 Resonances in the entrance channel of the elementary chemical reaction of fluorine and methane. *Angewandte Chemie - International Edition*, **2014**, 53, 1122-6 16.4 57
- 355 Photofragment translational spectroscopy of 1,3-butadiene and 1,3-butadiene-1,1,4,4-d(4) at 193 nm. *Journal of the American Chemical Society*, **2002**, 124, 10211-24 16.4 57



- 354 Adiabatic three-dimensional simulations of the  $\text{IHI}^-\text{BrHI}^-$  and  $\text{BrHBr}^-$  photoelectron spectra. *Journal of Chemical Physics*, **1992**, 97, 962-977 3.9 57
- 353 Photodissociation spectroscopy and dynamics of  $\text{CH}_3\text{O}$  and  $\text{CD}_3\text{O}$ . *Journal of Physical Chemistry A*, **1997**, 101, 6583-6592 2.8 56
- 352 Photoelectron spectroscopy of large (water) $_n$  ( $n = 50$ -200) clusters at 4.7 eV. *Journal of Chemical Physics*, **2006**, 125, 076101 3.9 56
- 351 Spectroscopy of the transition state: Elementary reactions of the hydroxyl radical studied by photoelectron spectroscopy of  $\text{O}^-(\text{H}_2\text{O})$  and  $\text{H}_3\text{O}^-$ . *Journal of Chemical Physics*, **1995**, 102, 6088-6099 3.9 56
- 350 Investigation of the  $\text{F}+\text{H}_2$  transition state region via photoelectron spectroscopy of the  $\text{FH}_2^-$  anion. *Journal of Chemical Physics*, **1990**, 93, 5352-5353 3.9 56
- 349 Direct mapping of curve-crossing dynamics in  $\text{I}^-$  by attosecond transient absorption spectroscopy. *Science*, **2019**, 365, 79-83 33.3 55
- 348 Feshbach resonances in the exit channel of the  $\text{F} + \text{CHOH} \rightarrow \text{HF} + \text{CHO}$  reaction observed using transition-state spectroscopy. *Nature Chemistry*, **2017**, 9, 950-955 17.6 55
- 347 Femtosecond photoelectron spectroscopy of the  $\text{I}_2^-$  anion: Characterization of the  $\sigma^*_g(2g, 1/2)$  excited state. *Journal of Chemical Physics*, **1999**, 110, 3748-3755 3.9 55
- 346 Zero electron kinetic energy spectroscopy of the  $\text{KrBr}^-$ ,  $\text{XeBr}^-$  and  $\text{KrCl}^-$  anions. *Journal of Chemical Physics*, **1998**, 109, 5247-5256 3.9 53
- 345 Threshold photodetachment spectroscopy of  $\text{C}_2^-$ . *Journal of Chemical Physics*, **1991**, 95, 5479-5481 3.9 53
- 344 Generating coherent broadband continuum soft-x-ray radiation by attosecond ionization gating. *Optics Express*, **2007**, 15, 17120-8 3.3 52
- 343 Dynamics of charge-transfer-to-solvent precursor states in  $\text{I}^-$  (water) $_n$  ( $n = 3$ -10) clusters studied with photoelectron imaging. *Journal of Physical Chemistry A*, **2005**, 109, 11475-83 2.8 52
- 342 Discrimination of product isomers in the photodissociation of propyne and allene at 193 nm. *Journal of Chemical Physics*, **1999**, 110, 4363-4368 3.9 52
- 341 Electronic structure of indium phosphide clusters: anion photoelectron spectroscopy of  $\text{In}_x\text{P}_x^-$  and  $\text{In}_{x+1}\text{P}_x^-$  ( $x=1-3$ ) clusters. *Chemical Physics Letters*, **1999**, 308, 347-354 2.5 52
- 340 Probing chemical dynamics with negative ions. *Journal of Chemical Physics*, **2006**, 125, 132303 3.9 51
- 339 Predissociation dynamics of the  $\text{O}_2 \text{B } 3\Sigma^-$  state: Vibrational state dependence of the product fine-structure distribution. *Journal of Chemical Physics*, **1995**, 103, 2495-2508 3.9 51
- 338 Slow photoelectron velocity-map imaging spectroscopy of the phenoxide and thiophenoxide anions. *Physical Chemistry Chemical Physics*, **2011**, 13, 17378-83 3.6 50
- 337 Vibrational spectroscopy of  $(\text{SO}_4^{2-})_n(\text{H}_2\text{O})_m$  clusters,  $n=1$ -5: harmonic and anharmonic calculations and experiment. *Journal of Chemical Physics*, **2007**, 127, 094305 3.9 50



336	Study of the $\text{IClO}_2$ van der Waals complex by threshold photodetachment spectroscopy of $\text{IClO}_2$ . <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1993</b> , 89, 1449-1456		50
335	Observation of the A (2B <sub>2</sub> ) and C (2A <sub>2</sub> ) states of NO <sub>2</sub> by negative ion photoelectron spectroscopy of NO <sub>2</sub> . <i>Journal of Chemical Physics</i> , <b>1989</b> , 90, 2070-2071	3.9	50
334	Generating high-contrast, near single-cycle waveforms with third-order dispersion compensation. <i>Optics Letters</i> , <b>2017</b> , 42, 811-814	3	49
333	Vibrational spectroscopy of bisulfate/sulfuric acid/water clusters: structure, stability, and infrared multiple-photon dissociation intensities. <i>Journal of Physical Chemistry A</i> , <b>2013</b> , 117, 7081-90	2.8	49
332	Photoionization dynamics in pure helium droplets. <i>Journal of Physical Chemistry A</i> , <b>2007</b> , 111, 7449-59	2.8	49
331	Ultraviolet photodissociation of the HCCO radical studied by fast radical beam photofragment translational spectroscopy. <i>Journal of Chemical Physics</i> , <b>1996</b> , 105, 6078-6081	3.9	48
330	Anion photoelectron spectroscopy of iodine-carbon dioxide clusters. <i>Journal of Chemical Physics</i> , <b>1992</b> , 97, 9468-9471	3.9	48
329	Probing a strong hydrogen bond with infrared spectroscopy: Vibrational predissociation of BrHBr-Ar. <i>Journal of Chemical Physics</i> , <b>2003</b> , 118, 5275-5278	3.9	47
328	Photodissociation of gas phase I <sub>3</sub> using femtosecond photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , <b>1999</b> , 111, 2991-3003	3.9	47
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