

Paul Scheier

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.

494
papers

10,689
citations

50
h-index

75
g-index

509
ext. papers

11,337
ext. citations

3.5
avg, IF

5.84
L-index

#	Paper	IF	Citations
494	Energetic D ⁺ and He ⁺ impinging on solid beryllium: Observation of physical and chemically assisted atomic and molecular ion sputtering. <i>Nuclear Materials and Energy</i> , 2022 , 30, 101110	2.1	0
493	Mass Spectra Resulting from Collision Processes. <i>Atoms</i> , 2022 , 10, 56	2.1	
492	Splashing of Large Helium Nanodroplets upon Surface Collisions.. <i>Physical Review Letters</i> , 2021 , 127, 263401	7.4	4
491	Adsorption of helium on a charged propeller molecule: hexaphenylbenzene. <i>European Physical Journal D</i> , 2021 , 75, 1	1.3	0
490	Electron Ionization of Size-Selected Positively and Negatively Charged Helium Droplets. <i>Atoms</i> , 2021 , 9, 74	2.1	0
489	Multiply Charged Helium Droplet Anions. <i>Chemistry - A European Journal</i> , 2021 , 27, 7283-7287	4.8	7
488	Electronic transitions in Rb ₂ ⁺ dimers solvated in helium. <i>Theoretical Chemistry Accounts</i> , 2021 , 140, 1	1.9	2
487	SF: Stabilizing Transient Ions in Helium Nanodroplets. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 4112-4117	6.4	1
486	Submersion of rubidium clusters in helium nanodroplets. <i>European Physical Journal D</i> , 2021 , 75, 1	1.3	3
485	On the stability of neon cluster ions [Evidence for isomeric structures. <i>International Journal of Mass Spectrometry</i> , 2021 , 462, 116528	1.9	1
484	Chemistry and physics of dopants embedded in helium droplets. <i>Mass Spectrometry Reviews</i> , 2021 ,	11	5
483	Electronic Spectroscopy of Anthracene Cations and Protonated Anthracene in the Search for Carriers of Diffuse Interstellar Bands. <i>Astrophysical Journal</i> , 2021 , 913, 136	4.7	7
482	Ca Ions Solvated in Helium Clusters. <i>Molecules</i> , 2021 , 26,	4.8	2
481	Surface characterization determined from the secondary electron emission coefficient upon ion bombardment. <i>Applied Surface Science</i> , 2021 , 538, 148042	6.7	
480	Phosphorus cluster cations formed in doped helium nanodroplets are different. <i>International Journal of Mass Spectrometry</i> , 2021 , 459, 116472	1.9	2
479	Formation of HCN in collisions of N and N with a self-assembled propanethiol surface on gold. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 7777-7782	3.6	
478	Adsorption of Helium on Small Cationic PAHs: Influence of Hydrocarbon Structure on the Microsolvation Pattern. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 7813-7824	2.8	2

477	Size and Velocity Distribution of Negatively Charged Helium Nanodroplets. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 7662-7669	2.8	2
476	Ionization of large helium nanodroplets. <i>Journal of Physics: Conference Series</i> , 2020 , 1412, 122019	0.3	
475	A Decade with VAMDC: Results and Ambitions. <i>Atoms</i> , 2020 , 8, 76	2.1	22
474	A high sensitivity, high resolution tandem mass spectrometer to research low-energy, reactive ion-surface interactions. <i>Review of Scientific Instruments</i> , 2020 , 91, 065101	1.7	3
473	Cluster ion polymerization of serine and tryptophan, the water loss channel. <i>European Physical Journal D</i> , 2020 , 74, 1	1.3	7
472	An intense source for cold cluster ions of a specific composition. <i>Review of Scientific Instruments</i> , 2020 , 91, 033315	1.7	25
471	Protonated and Cationic Helium Clusters. <i>Molecules</i> , 2020 , 25,	4.8	7
470	Hydrogenated gold clusters from helium nanodroplets: displacement of H ₂ by H ₂ O. <i>European Physical Journal D</i> , 2020 , 74, 1	1.3	2
469	Electron attachment and electron ionization of helium droplets containing clusters of C ₆₀ and formic acid. <i>International Journal of Mass Spectrometry</i> , 2020 , 450, 116293	1.9	3
468	C ₆₀ + as a diffuse interstellar band carrier; a spectroscopic story in 6 acts. <i>Journal of Molecular Spectroscopy</i> , 2020 , 367, 111243	1.3	20
467	Ablation of tungsten surfaces in collisions with Ar ⁺ , He ⁺ and N ₂ ⁺ cation projectiles in the presence of D ₂ . <i>International Journal of Mass Spectrometry</i> , 2020 , 448, 116252	1.9	2
466	Formation of beryllium-hydrogen ions in chemical sputtering from 20 to 420eV. <i>Nuclear Materials and Energy</i> , 2020 , 22, 100722	2.1	3
465	Mixed cationic clusters of nitrogen and hydrogen. <i>Journal of Chemical Physics</i> , 2020 , 152, 014303	3.9	1
464	Proton transfer at subkelvin temperatures. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 28165-28172	3.6	7
463	Isotope enrichment in neon clusters grown in helium nanodroplets. <i>Journal of Chemical Physics</i> , 2020 , 153, 164305	3.9	5
462	Solvation of ions in helium. <i>International Reviews in Physical Chemistry</i> , 2020 , 39, 465-516	7	21
461	Dissociation of Valine Cluster Cations. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 8439-8445	2.8	2
460	Chiral recognition via abundances of mixed chiral clusters. <i>International Journal of Mass Spectrometry</i> , 2019 , 446, 116215	1.9	1

- 459 Spectroscopy of corannulene cations in helium nanodroplets. *Faraday Discussions*, **2019**, 217, 276-289 3.6 13
- 458 Dissociative electron attachment to 2-chlorotoluene: Unusual temperature effects for the formation of Cl⁻. *Chemical Physics Letters*, **2019**, 730, 527-530 2.5 2
- 457 Hydrogenated Gold Clusters from Helium Nanodroplets: Cluster Ionization and Affinities for Protons and Hydrogen Molecules. *Journal of the American Society for Mass Spectrometry*, **2019**, 30, 1906-1913 3.5 8
- 456 Charged Clusters of C and Au or Cu: Evidence for Stable Sizes and Specific Dissociation Channels. *Journal of Physical Chemistry A*, **2019**, 123, 4599-4608 2.8 2
- 455 A combined experimental and theoretical investigation of Cs ions solvated in He clusters. *Journal of Chemical Physics*, **2019**, 150, 154304 3.9 14
- 454 Electron Attachment and Electron Ionization of Formic Acid Clusters Embedded in Helium Nanodroplets. *Journal of the American Society for Mass Spectrometry*, **2019**, 30, 787-795 3.5 6
- 453 Roadmap on photonic, electronic and atomic collision physics: III. Heavy particles: with zero to relativistic speeds. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2019**, 52, 171003 1.3 12
- 452 Snowball formation for Cs solvation in molecular hydrogen and deuterium. *Physical Chemistry Chemical Physics*, **2019**, 21, 15662-15668 3.6 6
- 451 Highly Charged Droplets of Superfluid Helium. *Physical Review Letters*, **2019**, 123, 165301 7.4 34
- 450 Protonated Clusters of Neon and Krypton. *Journal of the American Society for Mass Spectrometry*, **2019**, 30, 2632-2636 3.5 7
- 449 Solvation of Silver Ions in Noble Gases He, Ne, Ar, Kr, and Xe. *Journal of Physical Chemistry A*, **2019**, 123, 10426-10436 2.8 7
- 448 Atomic Gold Ions Clustered with Noble Gases: Helium, Neon, Argon, Krypton, and Xenon. *Journal of Physical Chemistry A*, **2019**, 123, 9505-9513 2.8 7
- 447 Considerable matrix shift in the electronic transitions of helium-solvated cesium dimer cation CsHe. *Physical Chemistry Chemical Physics*, **2019**, 21, 25362-25368 3.6 5
- 446 Isomeric Broadening of C Electronic Excitation in Helium Droplets: Experiments Meet Theory. *Journal of Physical Chemistry Letters*, **2018**, 9, 1237-1242 6.4 23
- 445 Complexes of gold and imidazole formed in helium nanodroplets. *Physical Chemistry Chemical Physics*, **2018**, 20, 7739-7745 3.6 7
- 444 Temperature dependence of dissociative electron attachment to bromo-chlorotoluene isomers: Competition between detachment of Cl and Br. *Journal of Chemical Physics*, **2018**, 148, 074301 3.9 4
- 443 Electron-induced chemistry in imidazole clusters embedded in helium nanodroplets. *European Physical Journal D*, **2018**, 72, 1 1.3 4
- 442 Highly Stable [CAuC] Dumbbells. *Journal of Physical Chemistry Letters*, **2018**, 9, 2703-2706 6.4 6

441	Doubly charged coronene clusters-Much smaller than previously observed. <i>Journal of Chemical Physics</i> , 2018 , 148, 174303	3.9	5
440	The adsorption of helium atoms on small cationic gold clusters. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 9554-9560	3.6	10
439	Helium nanodroplets doped with copper and water. <i>European Physical Journal D</i> , 2018 , 72, 1	1.3	5
438	Lithium ions solvated in helium. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 25569-25576	3.6	18
437	Uptake and accommodation of water clusters by adamantane clusters in helium droplets: interplay between magic number clusters. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 21573-21579	3.6	5
436	Janus nanostructures for heterogeneous photocatalysis. <i>Applied Physics Reviews</i> , 2018 , 5, 041111	17.3	29
435	Formation of positive and negative clusters of gold atoms inside helium nanodroplets close to zero K. <i>International Journal of Mass Spectrometry</i> , 2018 , 434, 136-141	1.9	8
434	Magic sizes of cationic and protonated argon clusters. <i>Physical Review A</i> , 2018 , 98,	2.6	11
433	Ionization of Ammonia Nanoices with Adsorbed Methanol Molecules. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 8458-8468	2.8	6
432	Cold physics and chemistry: Collisions, ionization and reactions inside helium nanodroplets close to zero K. <i>Physics Reports</i> , 2018 , 751, 1-90	27.7	83
431	Positively and Negatively Charged Cesium and (C) Cs Cluster Ions. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 10817-10823	3.8	8
430	On enhanced hydrogen adsorption on alkali (cesium) doped C60 and effects of the quantum nature of the H2 molecule on physisorption energies. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 3078-3086	6.7	27
429	High-Resolution Electron Attachment to the Water Dimer Embedded in Helium Droplets: Direct Observation of the Electronic Conduction Band Formation. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 2220-2223	6.4	7
428	Cs+ Solvated in Hydrogen Evidence for Several Distinct Solvation Shells. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 10887-10892	3.8	10
427	Magic Numbers for Packing Adamantane in Helium Droplets: Cluster Cations, Dications, and Trications. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 10767-10772	3.8	7
426	Low-temperature Condensation of Carbon. <i>Astrophysical Journal</i> , 2017 , 847, 89	4.7	18
425	The structure of coronene cluster ions inferred from H uptake in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 27968-27973	3.6	11
424	Electron ionization of helium droplets containing C and alcohol clusters. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 24197-24201	3.6	4

423	C_{60}^{+} and the Diffuse Interstellar Bands: An Independent Laboratory Check. <i>Astrophysical Journal</i> , 2017 , 846, 168	4.7	32
422	Correlation of target properties and plasma parameters in DC magnetron sputtering with Langmuir probe measurements. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2017 , 35, 061308	2.9	2
421	Resonant electron attachment to mixed hydrogen/oxygen and deuterium/oxygen clusters. <i>Journal of Chemical Physics</i> , 2017 , 147, 194301	3.9	1
420	Nitrogen Cluster Anions. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 10632-10637	3.8	6
419	Atomically resolved phase transition of fullerene cations solvated in helium droplets. <i>Nature Communications</i> , 2016 , 7, 13550	17.4	68
418	Helium anion formation inside helium droplets. <i>European Physical Journal D</i> , 2016 , 70, 1	1.3	4
417	ULTRA-LOW-TEMPERATURE REACTIONS OF CARBON ATOMS WITH HYDROGEN MOLECULES. <i>Astrophysical Journal Letters</i> , 2016 , 818, L31	7.9	14
416	Selection of ionization paths of K2 on superfluid helium droplets by wave packet interference. <i>Chemical Physics Letters</i> , 2016 , 658, 109-113	2.5	1
415	Fission of multiply charged alkali clusters in helium droplets - approaching the Rayleigh limit. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 10623-9	3.6	8
414	Ion formation upon electron collisions with valine embedded in helium nanodroplets. <i>European Physical Journal D</i> , 2016 , 70, 1	1.3	11
413	Experimental evidence for the influence of charge on the adsorption capacity of carbon dioxide on charged fullerenes. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 3048-55	3.6	10
412	The virtual atomic and molecular data centre (VAMDC) consortium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016 , 49, 074003	1.3	97
411	Communication: Dopant-induced solvation of alkalis in liquid helium nanodroplets. <i>Journal of Chemical Physics</i> , 2016 , 145, 181101	3.9	21
410	Anionic Hydrogen Cluster Ions as a New Form of Condensed Hydrogen. <i>Physical Review Letters</i> , 2016 , 117, 273001	7.4	26
409	The adsorption of helium atoms on coronene cations. <i>Journal of Chemical Physics</i> , 2016 , 145, 064305	3.9	20
408	Building Carbon Bridges on and between Fullerenes in Helium Nanodroplets. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 1440-5	6.4	14
407	Observation of stable HO4(+) and DO4(+) ions from ion-molecule reactions in helium nanodroplets. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 13169-72	3.6	5
406	Adsorption of sodium and cesium on aggregates of C60. <i>European Physical Journal D</i> , 2016 , 70, 1	1.3	7

405	Reactions in Nitroimidazole and Methylnitroimidazole Triggered by Low-Energy (0-8 eV) Electrons. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 6668-75	2.8	16
404	The interaction of He(-) with fullerenes. <i>Journal of Chemical Physics</i> , 2015 , 142, 104306	3.9	13
403	Decomposition of nitroimidazole ions: experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 12598-607	3.6	24
402	Dissociative electron attachment to the volatile anaesthetics enflurane and isoflurane and the chlorinated ethanes pentachloroethane and hexachloroethane. <i>International Journal of Mass Spectrometry</i> , 2015 , 379, 179-186	1.9	4
401	Heterogeneous reactions between ions NH ₃ ⁺ and NH ⁺ and hydrocarbons adsorbed on a tungsten surface. Formation of HCN ⁺ in NH ⁺ -surface hydrocarbon collisions. <i>International Journal of Mass Spectrometry</i> , 2015 , 392, 139-144	1.9	3
400	Electron-Induced Chemistry of Cobalt Tricarbonyl Nitrosyl (Co(CO)NO) in Liquid Helium Nanodroplets. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 20917-20922	3.8	6
399	Das didaktische Potential der Rastertunnelmikroskopie in der Hochschullehre. <i>Chemkon - Chemie Konkret, Forum Fuer Unterricht Und Didaktik</i> , 2015 , 22, 15-22	0.3	
398	Electron driven water formation from oxyhydrogen clusters in superfluid helium nanodroplets. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 072037	0.3	
397	Electron-induced chemistry of cobalt tricarbonyl nitrosyl (Co(CO) ₃ NO) in liquid helium nanodroplets. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 072045	0.3	
396	Charge dependent adsorption of carbon dioxide on fullerenes. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 072048	0.3	1
395	High Resolution Electron Attachment to Water Clusters in Helium Droplets. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 072078	0.3	
394	Formation of HCN ⁺ in heterogeneous surface reactions. <i>Journal of Physics: Conference Series</i> , 2015 , 635, 032019	0.3	
393	Adsorption of helium on isolated C ₆₀ and C ₇₀ anions. <i>Molecular Physics</i> , 2015 , 113, 2191-2196	1.7	9
392	Extracting cluster distributions from mass spectra: IsotopeFit. <i>International Journal of Mass Spectrometry</i> , 2015 , 379, 194-199	1.9	48
391	Helium Droplets Doped with Sulfur and C. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 10919-10924	3.8	7
390	Doubly charged CO clusters formed by ionization of doped helium nanodroplets. <i>International Journal of Mass Spectrometry</i> , 2014 , 365-366, 200-205	1.9	6
389	Low energy electron attachment to platinum(II) bromide (PtBr ₂). <i>International Journal of Mass Spectrometry</i> , 2014 , 365-366, 152-156	1.9	11
388	Electron-induced dissociation of chlorosilanes: Role of aromatic side groups in gas phase and solution chemistry. <i>International Journal of Mass Spectrometry</i> , 2014 , 365-366, 169-176	1.9	3

- 387 Formation of dianions in helium nanodroplets. *Angewandte Chemie - International Edition*, **2014**, 53, 13794-13796 17
- 386 Electron ionization of the nucleobases adenine and hypoxanthine near the threshold: a combined experimental and theoretical study. *Physical Chemistry Chemical Physics*, **2014**, 16, 25039-53 3.6 17
- 385 On the size and structure of helium snowballs formed around charged atoms and clusters of noble gases. *Journal of Physical Chemistry A*, **2014**, 118, 8050-9 2.8 34
- 384 On subthreshold ionization of helium droplets, ejection of He(+), and the role of anions. *Physical Chemistry Chemical Physics*, **2014**, 16, 22466-70 3.6 13
- 383 Detection of Negative Charge Carriers in Superfluid Helium Droplets: The Metastable Anions He⁻ and He⁻. *Journal of Physical Chemistry Letters*, **2014**, 5, 2444-2449 6.4 48
- 382 Bond cleavage reactions in the tripeptide trialanine upon free electron capture. *European Physical Journal D*, **2014**, 68, 1 1.3 4
- 381 Electron attachment to CO₂ embedded in superfluid He droplets. *Journal of Physical Chemistry A*, **2014**, 118, 6553-9 2.8 9
- 380 Collisions of low-energy Ar⁺, N₂⁺, and D₂⁺ ions with room-temperature and heated surfaces of mixed beryllium-tungsten thin films of different composition. *International Journal of Mass Spectrometry*, **2014**, 365-366, 316-323 1.9 7
- 379 Ordered phases of ethylene adsorbed on charged fullerenes and their aggregates. *Carbon*, **2014**, 69, 206-220 10.4 12
- 378 Formation of Dianions in Helium Nanodroplets. *Angewandte Chemie*, **2014**, 126, 14014-14017 3.6
- 377 Reactions in nitroimidazole triggered by low-energy (0-2 eV) electrons: methylation at N1-H completely blocks reactivity. *Angewandte Chemie - International Edition*, **2014**, 53, 12240-3 16.4 37
- 376 Reaktionen in Nitroimidazol, ausgelöst durch niederenergetische (0-2 eV) Elektronen: Methylierung an N1-H blockiert die Reaktivität. *Angewandte Chemie*, **2014**, 126, 12437-12440 3.6 7
- 375 Electron-Driven Self-Assembly of Salt Nanocrystals in Liquid Helium. *Angewandte Chemie*, **2014**, 126, 13746-13749 3.6
- 374 Electron-driven self-assembly of salt nanocrystals in liquid helium. *Angewandte Chemie - International Edition*, **2014**, 53, 13528-31 16.4 12
- 373 Monocarbon cationic cluster yields from N₂/CH₄ mixtures embedded in He nanodroplets and their calculated binding energies. *Journal of Chemical Physics*, **2014**, 140, 034316 3.9 2
- 372 Dissociative electron attachment and dipolar dissociation in ethylene. *International Journal of Mass Spectrometry*, **2014**, 365-366, 356-364 1.9 14
- 371 Low-energy electron interactions with dimethyl disulphide. *Chemical Physics Letters*, **2014**, 605-606, 71-76 6.5 3
- 370 Reactions of atomic and molecular ions with acetone, 1,1,1-trifluoroacetone, and hexafluoroacetone: An investigation of the effects of molecular structure on the dynamics and kinetics of ion-molecule reactions. *International Journal of Mass Spectrometry*, **2014**, 369, 1-8 1.9 0

369	Dissociative electron attachment to the nitroamine HMX (octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine). <i>Journal of the American Society for Mass Spectrometry</i> , 2013 , 24, 744-52	3.5	11
368	Adsorption of Polar and Nonpolar Molecules on Isolated Cationic C ₆₀ , C ₇₀ , and Their Aggregates. <i>ChemPlusChem</i> , 2013 , 78, 910-920	2.8	27
367	On the stability of cationic complexes of neon with helium--solving an experimental discrepancy. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 16599-604	3.6	6
366	Cationic complexes of hydrogen with helium. <i>ChemPhysChem</i> , 2013 , 14, 227-32	3.2	22
365	Electron ionization of different large perfluoroethers embedded in ultracold helium droplets: effective freezing of short-lived decomposition intermediates. <i>Rapid Communications in Mass Spectrometry</i> , 2013 , 27, 298-304	2.2	12
364	Evaporation of silicon nanoparticles under scanning tunneling microscope control. <i>Chemical Physics</i> , 2013 , 425, 141-147	2.3	
363	Decorating (C ₆₀) _n -3, with CO at low temperatures: Sterically enhanced physisorption. <i>International Journal of Mass Spectrometry</i> , 2013 , 354-355, 271-274	1.9	6
362	Collisions of low-energy ions Ar ⁺ and N ₂ ⁺ with room-temperature and heated surfaces of tungsten, beryllium, and a mixed beryllium/tungsten thin film. <i>International Journal of Mass Spectrometry</i> , 2013 , 354-355, 78-86	1.9	10
361	Electron impact excitation of methane: determination of appearance energies for dissociation products. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013 , 46, 045203	1.3	18
360	Electron attachment to the dipeptide dialanine: influence of methylation on site selective dissociation reactions. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 3834-40	3.6	12
359	N-site de-methylation in pyrimidine bases as studied by low energy electrons and ab initio calculations. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 11431-40	3.6	20
358	Electron-driven ionization of large methanol clusters in helium nanodroplets. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 3577-82	3.6	12
357	Formation of HCN ⁺ in heterogeneous reactions of N ₂ (⁺) and N ⁺ with surface hydrocarbons. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 9653-60	2.8	8
356	NCO(-), a key fragment upon dissociative electron attachment and electron transfer to pyrimidine bases: site selectivity for a slow decay process. <i>Journal of the American Society for Mass Spectrometry</i> , 2013 , 24, 1787-97	3.5	46
355	Methane adsorption on aggregates of fullerenes: site-selective storage capacities and adsorption energies. <i>ChemSusChem</i> , 2013 , 6, 1235-44	8.3	18
354	Adsorption of hydrogen on neutral and charged fullerene: experiment and theory. <i>Journal of Chemical Physics</i> , 2013 , 138, 074311	3.9	49
353	Semtex 1A and H negative ion resonances for explosives detection. <i>International Journal of Mass Spectrometry</i> , 2012 , 309, 39-43	1.9	4
352	Ionization of methane clusters in helium nanodroplets. <i>ChemPhysChem</i> , 2012 , 13, 469-76	3.2	23

351	Electron impact on N ₂ /CH ₄ mixtures in He droplets probing chemistry in Titan's atmosphere. <i>RSC Advances</i> , 2012 , 2, 10492	3.7	4
350	Methane Adsorption on Graphitic Nanostructures: Every Molecule Counts. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 2598-2603	6.4	21
349	The Role of Secondary Electrons in Radiation Damage 2012 , 45-58		4
348	Structures, energetics, and dynamics of helium adsorbed on isolated fullerene ions. <i>Physical Review Letters</i> , 2012 , 108, 076101	7.4	60
347	Dissociative electron attachment to the explosive detection taggant 2,3-dimethyl-2,3-dinitrobutane (DMNB). <i>European Physical Journal D</i> , 2012 , 66, 1	1.3	1
346	Formation and decay of the dehydrogenated parent anion upon electron attachment to dialanine. <i>Chemistry - A European Journal</i> , 2012 , 18, 4613-9	4.8	8
345	Solvation of Na ⁺ , K ⁺ , and their dimers in helium. <i>Chemistry - A European Journal</i> , 2012 , 18, 4411-8	4.8	44
344	Energy harvesting in doped helium nano-droplets. <i>Journal of Physics: Conference Series</i> , 2012 , 388, 132003		3
343	Submersion of potassium clusters in helium nanodroplets. <i>Physical Review B</i> , 2012 , 85,	3.3	32
342	Loss of hydrogen from amino acids upon low-energy electrons attachment. <i>Journal of Physics: Conference Series</i> , 2012 , 388, 052084	0.3	
341	Hydrogen loss in aminobutanoic acid isomers by the π resonance formed in electron capture. <i>New Journal of Physics</i> , 2012 , 14, 043017	2.9	21
340	Electron ionization of superfluid helium nanodroplets doped with C ₆₀ and small molecules. <i>Journal of Physics: Conference Series</i> , 2012 , 388, 012044	0.3	1
339	Spatiotemporal evolution of reaction fronts triggered by tunneling electrons. <i>Journal of Physics: Conference Series</i> , 2012 , 388, 052070	0.3	
338	ON THE POSSIBLE PRESENCE OF WEAKLY BOUND FULLERENE-H ₂ COMPLEXES IN THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal Letters</i> , 2011 , 738, L4	7.9	28
337	The submersion of sodium clusters in helium nanodroplets: identification of the surface \rightarrow interior transition. <i>Journal of Chemical Physics</i> , 2011 , 135, 044309	3.9	78
336	Interaction of small hydrocarbon ions and Ar ⁺ with carbon-fibre-composite surfaces at room temperature. <i>International Journal of Mass Spectrometry</i> , 2011 , 306, 204-209	1.9	10
335	Strong fragmentation processes driven by low energy electron attachment to various small perfluoroether molecules. <i>International Journal of Mass Spectrometry</i> , 2011 , 306, 63-69	1.9	7
334	High-resolution mass spectrometric study of pure helium droplets, and droplets doped with krypton. <i>European Physical Journal D</i> , 2011 , 63, 209-214	1.3	60

333	Dissociative electron attachment to Alanine. <i>ChemPhysChem</i> , 2011 , 12, 1272-9	3.2	13
332	Ion-molecule reactions of ammonia clusters with C60 aggregates embedded in helium droplets. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 1092-8	3.6	22
331	Dissociative electron attachment to gas-phase formamide. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 12305-13	3.6	25
330	Bond dissociation of the dipeptide dialanine and its derivative alanine anhydride induced by low energy electrons. <i>Journal of Chemical Physics</i> , 2011 , 134, 054305	3.9	21
329	Dissociative electron attachment to triflates. <i>Journal of Chemical Physics</i> , 2011 , 135, 214309	3.9	6
328	Electron interaction with nitromethane embedded in helium droplets: attachment and ionization measurements. <i>Journal of Chemical Physics</i> , 2011 , 135, 174504	3.9	11
327	Cavity-hollow cathode-sputtering source for titanium films. <i>Journal of Plasma Physics</i> , 2010 , 76, 655-664	2.7	6
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6	Triply charged argon clusters: production and stability (appearance energy and appearance size). <i>Chemical Physics Letters</i> , 1987 , 136, 423-426	2.5	58
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4	Mass-resolved argon cluster spectra up to 12000 u (Ar ₃₀₀ ⁺). <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1987 , 76, R11-R15		13
3	Electron attachment to SO ₂ clusters. <i>Zeitschrift Für Physik D-Atoms Molecules and Clusters</i> , 1987 , 6, 351-362		18
2	Unimolecular decay of metastable Ar cluster ions. Evolution of magic numbers in Ar cluster mass spectra. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1986 , 74, 281-301		96
1	Calculation of electron impact ionization cross-sections. The fluorine anomaly. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1986 , 74, 81-95		29