Klavs Hansen

List of Publications by Year
in descending order

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194	5,009	87843 38	114418 63
papers	citations	h-index	g-index

203	203	203	2379
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observation of quantum supershells in clusters of sodium atoms. Nature, 1991, 353, 733-735.	13.7	253
2	Supershells in metal clusters. Physical Review B, 1990, 42, 9377-9386.	1.1	246
3	Coalescence reactions of fullerenes. Nature, 1992, 359, 44-47.	13.7	236
4	On the concept of temperature for a small isolated system. Journal of Chemical Physics, 2001, 114, 6518-6525.	1.2	173
5	From Above Threshold Ionization to Statistical Electron Emission: The Laser Pulse-Duration Dependence ofC60Photoelectron Spectra. Physical Review Letters, 2000, 84, 2128-2131.	2.9	151
6	Mean-field quantization of several hundred electrons in sodium metal clusters. Physical Review Letters, 1990, 65, 1627-1630.	2.9	119
7	Thermionic Emission and Fragmentation ofC60. Physical Review Letters, 1997, 78, 2337-2340.	2.9	117
8	First storage of ion beams in the Double Electrostatic Ion-Ring Experiment: DESIREE. Review of Scientific Instruments, 2013, 84, 055115.	0.6	116
9	Electronic shell structure of laser-warmed Na clusters. Chemical Physics Letters, 1991, 186, 53-57.	1.2	104
10	Observation of a1/tDecay Law for Hot Clusters and Molecules in a Storage Ring. Physical Review Letters, 2001, 87, 123401.	2.9	103
11	Radiative cooling of fullerenes. Journal of Chemical Physics, 1996, 104, 5012-5018.	1.2	90
12	Current-voltage curves of gold quantum point contacts revisited. Applied Physics Letters, 2000, 77, 708-710.	1.5	82
13	Evaporation and cluster abundance spectra. Physical Review A, 1999, 60, 1240-1250.	1.0	74
14	Time-resolved degenerate four-wave mixing in thin films of C60 and C70 using femtosecond optical pulses. Chemical Physics Letters, 1992, 196, 427-432.	1.2	72
15	Radiative cooling of fullerene anions in a storage ring. European Physical Journal D, 2001, 17, 189-204.	0.6	72
16	Thermal electron emission from the hot electronic subsystem of vibrationally cold C60. Journal of Chemical Physics, 2003, 119, 2513-2522.	1.2	68
17	Structures, Energetics, and Dynamics of Helium Adsorbed on Isolated Fullerene Ions. Physical Review Letters, 2012, 108, 076101.	2.9	68
18	Cooling Dynamics of Photoexcited<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>6</mml:mn></mml:msub><mml:mo>â^'</mml:mo></mml:msup></mml:math>and<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">C</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:msub><mml:msup><mml:m	2.9	62

#	Article	IF	Citations
19	Rates of Electron Emission from Negatively Charged, Impact-Heated Fullerenes. Science, 1993, 260, 652-656.	6.0	59
20	Stability of Buckminsterfullerene, C60. Chemical Physics Letters, 2003, 382, 120-125.	1.2	54
21	Radiative Cooling of a Small Metal Cluster: The Case ofV13+. Physical Review Letters, 1999, 83, 3816-3819.	2.9	52
22	Model-Free Determination of Dissociation Energies of Polyatomic Systems. Physical Review Letters, 2001, 87, 013401.	2.9	52
23	Collisional probes and possible structures of La2C80. Chemical Physics Letters, 1992, 196, 337-342.	1.2	50
24	Thermal radiation from small particles. Physical Review E, 1998, 58, 5477-5482.	0.8	50
25	Momentum-map-imaging photoelectron spectroscopy of fullerenes with femtosecond laser pulses. Physical Review A, 2010, 81, .	1.0	50
26	Conductance of single-atom platinum contacts: Voltage dependence of the conductance histogram. Physical Review B, 2003, 67, .	1.1	49
27	Lifetimes of C602â^' and C702â^' dianions in a storage ring. Journal of Chemical Physics, 2006, 124, 024310.	1.2	47
28	Activation energies for evaporation from protonated and deprotonated water clusters from mass spectra. Journal of Chemical Physics, 2009, 131, 124303.	1.2	47
29	Thermal properties of the valence electrons in alkali metal clusters. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1991, 21, 65-81.	1.0	46
30	Quantifying temperature-enhanced electron field emission from individual carbon nanotubes. Physical Review B, 2005, 72, .	1.1	46
31	ELECTRIC FIELD ENHANCEMENT FACTORS AROUND A METALLIC, END-CAPPED CYLINDER. Nano, 2006, 01, 87-93.	0.5	46
32	Experimental studies of fusion and fragmentation of fullerenes. Journal of Physics B: Atomic, Molecular and Optical Physics, 1996, 29, 5143-5161.	0.6	45
33	Surface scattering of C60+: Recoil velocities and yield of C60. Journal of Chemical Physics, 1993, 98, 7480-7484.	1.2	44
34	Temperature of large clusters. Journal of Chemical Physics, 1994, 101, 5367-5371.	1.2	44
35	Detection of Recurrent Fluorescence Photons. Physical Review Letters, 2016, 117, 133004.	2.9	42
36	The influence of shells, electron thermodynamics, and evaporation on the abundance spectra of large sodium metal clusters. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1991, 19, 47-50.	1.0	41

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37	Stability and dissociation pathways of doped Au_nX⁺clusters (X = Y, Er, Nb). Faraday Discussions, 2008, 138, 147-162.	1.6	41
38	Photoelectric effect with a twist. Nature Photonics, 2020, 14, 554-558.	15.6	39
39	Decay pathways of small gold clusters. European Physical Journal D, 2001, 16, 73-76.	0.6	38
40	Dynamic Jahn-Teller Effects in IsolatedC60â^'Studied by Near-Infrared Spectroscopy in a Storage Ring. Physical Review Letters, 2005, 94, 053002.	2.9	38
41	Modified Nilsson model for large sodium clusters. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1993, 28, 235-245.	1.0	36
42	Direct observation of internal energy distributions of C5â^'. Journal of Chemical Physics, 2013, 139, 054306.	1.2	36
43	Effect of Conformers on Free Energies of Atmospheric Complexes. Journal of Physical Chemistry A, 2016, 120, 8613-8624.	1.1	36
44	Stability of carbon clusters CN for 46 â‰¤ N â‰¤ 102. International Journal of Mass Spectrometry and Ion Processes, 1997, 167-168, 127-133.	1.9	35
45	Statistical emission processes of clusters. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1999, 79, 1413-1425.	0.6	35
46	Penning ionization of C60 and C70. Chemical Physics, 1998, 239, 271-286.	0.9	34
47	Measuring cluster temperatures via kinetic-energy release. Physical Review A, 1999, 59, 495-502.	1.0	32
48	Molecular fusion of(C60)Nclusters in the gas phase after femtosecond laser irradiation. Physical Review A, 2005, 71, .	1.0	32
49	Dissociation energies of gold clustersAuN+,N=7â€“27. Physical Review A, 2006, 73, .	1.0	32
50	Roadmap on dynamics of molecules and clusters in the gas phase. European Physical Journal D, 2021, 75, 1.	0.6	32
51	Radiative cooling of C7â^'. Journal of Chemical Physics, 2014, 140, 104311.	1.2	30
52	Inverse internal conversion in C4â^' below the electron detachment threshold. Physical Chemistry Chemical Physics, 2015, 17, 24732-24737.	1.3	30
53	Icosahedra of icosahedra: The stability of (C60)13. Journal of Chemical Physics, 1996, 105, 6088-6089.	1.2	29
54	New approaches to stored cluster ions. European Physical Journal D, 2003, 24, 137-143.	0.6	29

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55	Energy distributions in multiple photon absorption experiments. Journal of Chemical Physics, 2004, 120, 4281-4288.	1.2	29
56	Surface entropy of rare-gas clusters. Journal of Chemical Physics, 2005, 123, 084317.	1.2	29
57	Heat capacities of freely evaporating charged water clusters. Journal of Chemical Physics, 2009, 130, 224308.	1.2	27
58	Angular asymmetry and attosecond time delay from the giant plasmon resonance in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:math>photoionization. Physical Review A, 2015, 91, .	1.0	27
59	Temperature concepts for small, isolated systems; 1/t decay and radiative cooling. European Physical Journal D, 2003, 24, 191-196.	0.6	26
60	The frequency factor in statistical fullerene decay. International Journal of Mass Spectrometry, 2006, 252, 79-95.	0.7	26
61	Statistical Physics of Nanoparticles in the Gas Phase. Springer Series on Atomic, Optical, and Plasma Physics, 2018, , .	0.1	26
62	Fabrication of mesoscopic superconducting Nb wires using conventional electron-beam lithographic techniques. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2002, 20, 386.	1.6	25
63	Electronic shell energies and deformations in large sodium clusters from evaporation spectra. Physical Review B, 1997, 55, 5485-5490.	1.1	24
64	Do we know the value of the Gspann parameter?. International Journal of Mass Spectrometry, 2004, 233, 215-221.	0.7	24
65	Absolute separation energies for Na clusters. Physical Review A, 2000, 62, .	1.0	23
66	Thermal radiation and fragmentation pathways of photo-excited silicon clusters. Journal of Chemical Physics, 2015, 143, 224313.	1.2	23
67	Spontaneous decay of small copper-cluster anions<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cu</mml:mi><mml:mi>n</mml:mi></mml:msub><mml:mo>â^'</mml:mo></mml:msup></mml:mrow></mml:math>(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 257 Td		
68	Mass-selected photodissociation studies of AlP<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mi>b</mml:mi><mml:mi mathvariant="bold-italic">n</mml:mi><mml:mo>+</mml:mo></mml:msubsup></mml:math>clusters		

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73	Electronic degrees of freedom and unimolecular rate constants in metal clusters. Journal of Chemical Physics, 1994, 101, 10481-10484.	1.2	19
74	Resonant two-photon ionisation spectroscopy of C_{60}. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1997, 42, 153-155.	1.0	19
75	Multiply charged titanium cluster anions: production and photodetachment. , 2000, 127, 529-532.		19
76	Energy dependence of the decay pathways of optically excited small gold clusters. Applied Physics B: Lasers and Optics, 2001, 73, 411-416.	1.1	19
77	Thermal radiation of gold clusters on microsecond time scales. Physical Review A, 2017, 96, .	1.0	19
78	Thermal electronic properties of alkali clusters. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1991, 19, 51-53.	1.0	18
79	Stability of clusters of fullerenes. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1997, 40, 361-364.	1.0	18
80	Fast and accurate current-voltage curves of metallic quantum point contacts. Review of Scientific Instruments, 2000, 71, 1793-1803.	0.6	17
81	Femtosecond electron spectroscopy of coronene, benzo[GHI]perylene, and anthracene. Journal of Chemical Physics, 2010, 133, 074308.	1.2	17
82	Single Photon Thermal Ionization of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">C</mml:mi></mml:mrow><mml:mrow><mml:mn>60</mml:mn></mml:mrow></mml:msub></mml:mrow></mm Physical Review Letters, 2017, 118, 103001.	2.9	17
83	Kinetic energy release during evaporation from large sodium clusters. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1995, 34, 251-256.	1.0	16
84	Recent gold cluster studies in a Penning trap. International Journal of Mass Spectrometry, 2002, 219, 363-371.	0.7	16
85	Model-independent determination of dissociation energies: method and applications. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 1073-1083.	0.6	16
86	Non-jellium scaling of metal cluster ionization energies and electron affinities. European Physical Journal D, 2010, 56, 199-203.	0.6	16
87	Vibrational Autodetachment from Anionic Nitroalkane Chains: From Molecular Signatures to Thermionic Emission. Journal of Physical Chemistry A, 2019, 123, 8562-8570.	1.1	16
88	Effect of radiative cooling on the size-dependent stability of small boron clusters. Physical Review A, 2018, 98, .	1.0	15
89	Multisequential photofragmentation of size-selected gold cluster ions. Physical Review A, 2002, 66, .	1.0	14
90	Photodissociation of stored metal clusters. European Physical Journal D, 2005, 36, 179-185.	0.6	14

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91	Thermionic and vibrational radiative cooling of the small carbon clusters <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow><mml:mo>â^’</mml:mo></mml:msup></mml:ma and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow><mml:mo>â^’</mml:mo></mml:msup></mml:ma	1.0	14
92	A simple rate equation for fullerene coalescence. Chemical Physics Letters, 1994, 218, 462-466.	1.2	13
93	Thermal radiation of laser heated niobium clusters Nb N+, 8 â©½ N â©½ 22. Journal of Chemical Physics, 2014, 141, 024302.	1.2	13
94	Decays of excited silver-cluster anions <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Ag</mml:mi><mml:mi>n</mml:mi></mml:msub></mml:m , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>n</mml:mi><mml:mo>=</mml:mo><mml:mn>4</mml:mn></mml:mr to 7, in the Double ElectroStatic Ion Ring ExpEriment. Physical Review A, 2018, 98, .	1.0	13
95	Thermionic emission laser spectroscopy of stored C60-. European Physical Journal D, 1999, 9, 351-354.	0.6	12
96	Determination of dissociation energies by use of energy-dependent decay pathway branching ratios. Chemical Physics Letters, 2001, 346, 117-122.	1.2	12
97	A femtosecond laser study of the endohedral fullerenes Li@C60 and La@C82. European Physical Journal D, 2005, 34, 205-209.	0.6	12
98	Ionisation of fullerenes and fullerene clusters using ultrashort laser pulses. Photochemical and Photobiological Sciences, 2006, 5, 1183-1189.	1.6	12
99	Near-infrared photoabsorption by C60 dianions in a storage ring. Journal of Chemical Physics, 2009, 131, 014301.	1.2	12
100	Slow Electron Attachment as a Probe of Cluster Evaporation Processes. Journal of Physical Chemistry A, 2011, 115, 6961-6972.	1.1	12
101	Coalescence reactions of fullerenes. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1993, 26, 300-304.	1.0	11
102	Formation and fragmentation of negative metal clusters. Physical Review A, 2001, 63, .	1.0	11
103	Dimer dissociation energies of small odd-size clusters. European Physical Journal D, 2002, 21, 163-166.	0.6	11
104	Kinetic energy release in unimolecular reactions of spherical clusters. Chemical Physics Letters, 2004, 383, 270-275.	1.2	11
105	Anisotropic hot electron emission from fullerenes. Journal of Chemical Physics, 2012, 136, 164301.	1.2	11
106	Spontaneous Electron Emission from Hot Silver Dimer Anions: Breakdown of the Born-Oppenheimer Approximation. Physical Review Letters, 2020, 124, 173001.	2.9	10
107	Evaporation rates for Na clusters. European Physical Journal D, 1999, 9, 119-122.	0.6	9
108	The influence of internal degrees of freedom on the unimolecular decay of the moleculeâ€“cluster compound Au8+CH3OH. Journal of Chemical Physics, 2002, 116, 9658-9662.	1.2	9

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109	The effective temperature in microcanonical rate constants. Chemical Physics Letters, 2015, 620, 43-45.	1.2	9
110	Selective Câ€“C and Câ€“N bond activation in dopamine and norepinephrine under deep ultraviolet laser irradiation. Chemical Communications, 2019, 55, 4015-4018.	2.2	9
111	DECAY DYNAMICS IN MOLECULAR BEAMS. Mass Spectrometry Reviews, 2020, 40, 725-740.	2.8	9
112	Gas-phase FÃ¶rster resonance energy transfer in mass-selected ions with methylene or peptide linkers between two dyes: a concerted dance of charges. Physical Chemistry Chemical Physics, 2020, 22, 11095-11100.	1.3	9
113	Light-Induced Magnetization at the Nanoscale. Physical Review Letters, 2022, 128, 157205.	2.9	9
114	FROM ABUNDANCE SPECTRA TO CLUSTER ENERGIES. Surface Review and Letters, 1996, 03, 597-600.	0.5	8
115	Dissociation energies of silver clusters Agn+, n=14, 15, 16, 18. International Journal of Mass Spectrometry, 2003, 227, 87-96.	0.7	8
116	On the triplet lifetime in free, photo-excited C60. Journal of Chemical Physics, 2003, 118, 8563-8565.	1.2	8
117	Thermal radiation from CN+ and La@CN+. Journal of Chemical Physics, 2005, 123, 044310.	1.2	8
118	Comparison of algorithms for the calculation of molecular vibrational level densities. Journal of Chemical Physics, 2008, 128, 194103.	1.2	8
119	Branching ratio between resonant and non-resonant ionization of xenon evaluated from photoelectron angular distributions. Physica Scripta, 2012, 86, 035303.	1.2	8
120	Stability of small cationic platinum clusters. Physical Chemistry Chemical Physics, 2018, 20, 29085-29090.	1.3	8
121	Computing gold cluster energies with density functional theory: the importance of correlation. Physical Chemistry Chemical Physics, 2021, 23, 14830-14835.	1.3	8
122	Laser Investigations of Stored Metal Cluster Ions. Hyperfine Interactions, 2003, 146/147, 275-281.	0.2	7
123	Density of states of helium droplets. Physical Review B, 2007, 76, .	1.1	7
124	Energy distributions of clusters cooled by thermal radiation. European Physical Journal D, 2007, 43, 101-104.	0.6	7
125	Radiative cooling of cationic carbon clusters, CN+, N = 8, 10, 13â€“16. Physical Chemistry Chemical Physics, 2019, 21, 1587-1596.	1.3	7
126	Isotope enrichment in neon clusters grown in helium nanodroplets. Journal of Chemical Physics, 2020, 153, 164305.	1.2	7

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127	IR-photon quenching of delayed electron detachment from hot pentacene anions. Physical Review A, 2021, 104, .	1.0	7
128	Cyclotrimerization of Acetylene on Clusters Con+/Fen+/Nin+(n = 1â€“16). Journal of Physical Chemistry A, 2021, 125, 10392-10400.	1.1	7
129	Thermal radiative cooling of carbon cluster cations CN+, NÂ= 9, 11, 12, 17â€“27. Monthly Notices of the Royal Astronomical Society, 2022, 514, 844-851.	1.6	7
130	Hansen and Echt Reply:. Physical Review Letters, 1999, 82, 460-460.	2.9	6
131	Signature of cluster isomers in time-resolved photodissociation experiments. International Journal of Mass Spectrometry, 2004, 233, 117-123.	0.7	6
132	Detection of recurrent fluorescence photons emitted from ${{m{Sr}}}_{2}^{-}$. Journal of Physics: Conference Series, 2017, 875, 012017.	0.3	6
133	Tunneling and reflection in unimolecular reaction kinetic energy release distributions. Chemical Physics Letters, 2018, 693, 66-71.	1.2	6
134	Action spectroscopy of highly excited molecular ions in molecular beams. International Journal of Mass Spectrometry, 2018, 430, 14-21.	0.7	6
135	Unravelling the electronic nature of the radiative cooling of cobalt clusters. Physical Review Research, 2021, 3, .	1.3	6
136	Clusters in storage rings. , 1999, , .		5
137	Vibrational Energy Dependence of the Triplet Lifetime in Isolated, Photoexcited C60. Journal of Physical Chemistry A, 2004, 108, 6944-6952.	1.1	5
138	Competition between Fission and Intraâ€Cluster Fusion in Highly Excited Fullerene Clusters. Israel Journal of Chemistry, 2007, 47, 43-50.	1.0	5
139	Spontaneous decay of small copper cluster anions, Cu^{â^'}_N = 3 â^' 6. Journal of Physics: Conference Series, 2015, 635, 072090.	0.3	5
140	Cooling dynamics of photo-excited negative carbon cluster ions stored in an ion storage ring. Nuclear Instruments & Methods in Physics Research B, 2015, 354, 192-196.	0.6	5
141	Energy flow in peptides after UV photoexcitation of backbone linkages. Physical Chemistry Chemical Physics, 2017, 19, 19640-19645.	1.3	5
142	Gold Cluster Electronic Radiative Cooling and Abundances. Journal of Physical Chemistry C, 2017, 121, 10663-10669.	1.5	5
143	Iodization Threshold in Size-Dependent Reactions of Lead Clusters Pb_n⁺ with Iodomethane. Journal of Physical Chemistry A, 2020, 124, 2505-2512.	1.1	5
144	Interactions between water and rhodium clusters: molecular adsorption versus cluster adsorption. Nanoscale, 2021, 13, 11396-11402.	2.8	5

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145	A hollow-cathode plasma sputter source for production of metal cluster beams. , 1995, , 258-259.		5
146	The dissociation energy of V13+ and the consequences for radiative cooling. European Physical Journal D, 2005, 34, 67-71.	0.6	4
147	Molecular fusion within fullerene clusters induced by femtosecond laser excitation. European Physical Journal D, 2007, 43, 255-259.	0.6	4
148	Ionization of naphthalene via the Rydberg states using a femtosecond 775 nm pulse. Chemical Physics Letters, 2012, 522, 23-27.	1.2	4
149	Effect of a localized charge on the stability of Van der Waals clusters. European Physical Journal D, 2016, 70, 1.	0.6	4
150	Stabilities of protonated water-ammonia clusters. Journal of Chemical Physics, 2018, 148, 184306.	1.2	4
151	Magic numbers and stabilities of heavy water clusters, (D2O) D+, Nâ€¯=â€¯3â€¯â˜48. International Journal of Mass Spectrometry, 2019, 440, 14-19.	0.7	4
152	Characterisation of Cooper pair boxes for quantum computing. Physica C: Superconductivity and Its Applications, 2001, 352, 177-180.	0.6	3
153	X-ray induced fragmentation of size-selected salt cluster-ions stored in an ion trap. RSC Advances, 2014, 4, 47743-47751.	1.7	3
154	DESIREE: Physics with cold stored ion beams. EPJ Web of Conferences, 2015, 84, 01004.	0.1	3
155	Cooling dynamics of carbon cluster anions. Journal of Physics: Conference Series, 2015, 635, 012035.	0.3	3
156	Vibrational angular momentum level densities of linear molecules. Chemical Physics Letters, 2021, 768, 138385.	1.2	3
157	Laser Investigations of Stored Metal Cluster Ions. , 2003, , 275-281.		3
158	The reactivity of Nb_n⁺ clusters with acetylene and ethylene to produce a cubic aromatic metal carbide Nb₄C₄⁺. New Journal of Chemistry, 2021, 45, 21844-21851.	1.4	3
159	What Determines the Drastic Reactivity of Nb_n⁺ Clusters with Nitric Oxide under Thermalized Conditions?. Journal of Physical Chemistry A, 2022, 126, 4801-4809.	1.1	3
160	Competitive ionization processes of anthracene excited with a femtosecond pulse in the multi-photon ionization regime. Journal of Chemical Physics, 2011, 135, 214310.	1.2	2
161	Low temperature heat capacity of water clusters. Chemical Physics Letters, 2014, 610-611, 369-374.	1.2	2
162	Comment on â€œThe dependence of homogeneous nucleation rate on supersaturationâ€•[J. Chem. Phys. 141, 024307 (2014)]. Journal of Chemical Physics, 2014, 141, 157101.	1.2	2

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163	Commissioning of the DESIREE storage rings â€“ a new facility for cold ion-ion collisions. Journal of Physics: Conference Series, 2014, 488, 012040.	0.3	2
164	Associations and dissociations with time-dependent reaction coefficients in finite polymer mixtures: The model and analytical-numerical method for solution by successive approximations. Applied Mathematical Modelling, 2017, 51, 109-128.	2.2	2
165	Influence of thermal radiation on hot cluster decay rates and abundances. Chinese Journal of Chemical Physics, 2019, 32, 167-174.	0.6	2
166	The classical capture cross section of an electron and neutral and anionic polarizable molecules with permanent dipole moments. International Journal of Mass Spectrometry, 2019, 438, 142-147.	0.7	2
167	Shells in CO₂ clusters. Physical Chemistry Chemical Physics, 2022, 24, 5343-5350.	1.3	2
168	Picosecond resonant two-photon ionization of cold sodium clusters. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1993, 26, 187-188.	1.0	1
169	Laser power dependence in femtosecond ionization of fullerenes. Journal of Physics: Conference Series, 2005, 4, 282-285.	0.3	1
170	Comment on â€œL. Holmlid, Int. J. Mass Spectrom. 352 (2013) 1â€• International Journal of Mass Spectrometry, 2016, 399-400, 51-52.	0.7	1
171	Detection of recurrent fluorescence photons emitted from C₄ ^{â^'}. Journal of Physics: Conference Series, 2017, 875, 102016.	0.3	1
172	More whiffs of the aromatic universe. Physics Today, 2019, 72, 12-12.	0.3	1
173	Non-scrambling of hydrogen in NH4+(H2O)3 clusters. RSC Advances, 2019, 9, 6620-6626.	1.7	1
174	Thermal damping of odd-even effects in gold clusters. Chemical Physics, 2020, 530, 110637.	0.9	1
175	Negative ion relaxation and reactions in a cryogenic storage ring. Journal of Physics: Conference Series, 2020, 1412, 062006.	0.3	1
176	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub><mml:msup><mml:mrow /><mml:mo>â^'</mml:mo></mml:msup></mml:mrow></mml:math> thermal electron-emission rate. Physical Review A, 2020, 102, .	1.0	1
177	Stability of clusters of fullerenes. , 1997, , 361-364.		1
178	Probing energy and time scales by thermionic emission. , 1997, , .		0
179	Determination of cluster binding energies on metal surfaces by statistics. Surface Science, 2000, 448, 305-309.	0.8	0
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