Philippe Dugourd

List of Publications by Year in descending order

288 papers	8,709 citations	50566 48 h-index	93651 72 g-index
297 all docs	297 docs citations	297 times ranked	7050 citing authors

#	Article	IF	Citations
1	Light-dependent ionic-electronic conduction in an amorphous octahedral molybdenum cluster thin film. NPG Asia Materials, 2022, 14, .	3.8	11
2	Nanoarchitectonics of Glass Coatings for Near-Infrared Shielding: From Solid-State Cluster-Based Niobium Chlorides to the Shaping of Nanocomposite Films. ACS Applied Materials & Interfaces, 2022, 14, 21116-21130.	4.0	4
3	Controlling the Deposition Process of Nanoarchitectonic Nanocomposites Based on {Nb6â^'xTaxXi12}n+ Octahedral Cluster-Based Building Blocks (Xi = Cl, Br; 0 â‰¤ x â‰¤ 6, n = 2, 3, 4) for UV-NIR Blockers Coating Applications. Nanomaterials, 2022, 12, 2052.	1.9	3
4	Revisiting properties of edge-bridged bromide tantalum clusters in the solid-state, in solution and vice versa: an intertwined experimental and modelling approach. Dalton Transactions, 2021, 50, 8002-8016.	1.6	11
5	Exploring Conformational Landscapes Using Trap and Release Tandem Ion Mobility Spectrometry. Analytical Chemistry, 2021, 93, 4183-4190.	3.2	5
6	Functionalized Au15 nanoclusters as luminescent probes for protein carbonylation detection. Communications Chemistry, 2021, 4, .	2.0	16
7	Phenyl argentate aggregates [AgnPhn+1]â^' (n = 2â€“8): Models for the self-assembly of atom-precise polynuclear organometallics. Journal of Chemical Physics, 2021, 154, 224301.	1.2	3
8	The emergence of mass spectrometry for characterizing nanomaterials. Atomically precise nanoclusters and beyond. Materials Advances, 2021, 2, 4896-4913.	2.6	23
9	Photo-control of bimolecular reactions: reactivity of the long-lived Rhodamine 6G triplet excited state with â€¢NO.. Physical Chemistry Chemical Physics, 2021, 23, 25038-25047.	1.3	1
10	Dipyrromeheneâ€Triazolylidene Silver Complexes: Synthesis, Structure and Opportunities. European Journal of Inorganic Chemistry, 2020, 2020, 4409-4414.	1.0	4
11	Structure and Charge Heterogeneity in Isomeric Au₂₅(MBA)₁₈ Nanoclustersâ€”Insights from Ion Mobility and Mass Spectrometry. Journal of Physical Chemistry A, 2020, 124, 5840-5848.	1.1	14
12	How Spherical Are Gaseous Low Charged Dendrimer Ions: A Molecular Dynamics/Ion Mobility Study?. Journal of the American Society for Mass Spectrometry, 2020, 31, 1673-1683.	1.2	6
13	Secondary structure effects on internal proton transfer in poly-peptides. Structural Dynamics, 2020, 7, 024302.	0.9	1
14	Second harmonic scattering from mass characterized 2D graphene oxide sheets. Chemical Communications, 2020, 56, 3859-3862.	2.2	20
15	Kinetic study of azobenzene E/Z isomerization using ion mobility-mass spectrometry and liquid chromatography-UV detection. Analyst, The, 2020, 145, 4012-4020.	1.7	4
16	Ion mobility resolved photoâ€fragmentation to discriminate protomers. Rapid Communications in Mass Spectrometry, 2019, 33, 28-34.	0.7	6
17	Direct Radiation Effects on the Structure and Stability of Collagen and Other Proteins. ChemBioChem, 2019, 20, 2972-2980.	1.3	17
18	Sub-100 nanometer silver doped goldâ€“cysteine supramolecular assemblies with enhanced nonlinear optical properties. Physical Chemistry Chemical Physics, 2019, 21, 12091-12099.	1.3	17

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19	Catenane Structures of Homoleptic Thioglycolic Acid-Protected Gold Nanoclusters Evidenced by Ion Mobility-Mass Spectrometry and DFT Calculations. Nanomaterials, 2019, 9, 457.	1.9	12
20	Data-Independent Acquisition Coupled to Visible Laser-Induced Dissociation at 473 nm (DIA-LID) for Peptide-Centric Specific Analysis of Cysteine-Containing Peptide Subset. Analytical Chemistry, 2018, 90, 3928-3935.	3.2	8
21	Bulky Counterions: Enhancing the Two-Photon Excited Fluorescence of Gold Nanoclusters. ChemPhysChem, 2018, 19, 164-164.	1.0	0
22	Photo-induced linkage isomerization in the gas phase probed by tandem ion mobility and laser spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 12223-12228.	1.3	5
23	Infrared laser dissociation of single megadalton polymer ions in a gated electrostatic ion trap: the added value of statistical analysis of individual events. Physical Chemistry Chemical Physics, 2018, 20, 11959-11966.	1.3	10
24	Mass and charge distributions of amyloid fibers involved in neurodegenerative diseases: mapping heterogeneity and polymorphism. Chemical Science, 2018, 9, 2791-2796.	3.7	26
25	Comparison of Different Ion Mobility Setups Using Poly (Ethylene Oxide) PEO Polymers: Drift Tube, TIMS, and T-Wave. Journal of the American Society for Mass Spectrometry, 2018, 29, 114-120.	1.2	23
26	Combining Structural Probes in the Gas Phase - Ion Mobility-Resolved Action-FRET. Journal of the American Society for Mass Spectrometry, 2018, 29, 133-139.	1.2	15
27	Ultraviolet, Infrared, and High-Low Energy Photodissociation of Post-Translationally Modified Peptides. Journal of the American Society for Mass Spectrometry, 2018, 29, 270-283.	1.2	21
28	Bulky Counterions: Enhancing the Twoâ€Photon Excited Fluorescence of Gold Nanoclusters. ChemPhysChem, 2018, 19, 165-168.	1.0	25
29	Characterization of foreign materials in paraffin-embedded pathological specimens using in situ multi-elemental imaging with laser spectroscopy. Modern Pathology, 2018, 31, 378-384.	2.9	23
30	Isomeric Effect of Mercaptobenzoic Acids on the Synthesis, Stability, and Optical Properties of Au₂₅(MBA)₁₈ Nanoclusters. ACS Omega, 2018, 3, 15635-15642.	1.6	42
31	Frontispiece: Isolated Collagen Mimetic Peptide Assemblies Have Stable Triple-Helix Structures. Chemistry - A European Journal, 2018, 24, .	1.7	0
32	Structural insights into glutathione-protected gold Au10â^'12(SG)10â^'12 nanoclusters revealed by ion mobility mass spectrometry. European Physical Journal D, 2018, 72, 1.	0.6	13
33	Radical Anions of Oxidized vs. Reduced Oxytocin: Influence of Disulfide Bridges on CID and Vacuum UV Photo-Fragmentation. Journal of the American Society for Mass Spectrometry, 2018, 29, 1826-1834.	1.2	0
34	One-pot direct synthesis for multifunctional ultrasmall hybrid silica nanoparticles. Journal of Materials Chemistry B, 2018, 6, 4821-4834.	2.9	4
35	Bringing Molecular Dynamics and Ion-Mobility Spectrometry Closer Together: Shape Correlations, Structure-Based Predictors, and Dissociation. Journal of Physical Chemistry B, 2018, 122, 8317-8329.	1.2	16
36	Nonlinear Refraction and Absorption of Ag₂₉ Nanoclusters: Evidence for Two-Photon Absorption Saturation. Journal of Physical Chemistry C, 2018, 122, 18682-18689.	1.5	18

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37	Isolated Collagen Mimetic Peptide Assemblies Have Stable Tripleâ€Helix Structures. Chemistry - A European Journal, 2018, 24, 13728-13733.	1.7	10
38	Correlation between the shape of the ion mobility signals and the stepwise folding process of polylactide ions. Journal of Mass Spectrometry, 2017, 52, 133-138.	0.7	25
39	Action-FRET of Î²-cyclodextrin inclusion complexes. New Journal of Chemistry, 2017, 41, 1806-1812.	1.4	3
40	Conformational Dynamics in Ion Mobility Data. Analytical Chemistry, 2017, 89, 4230-4237.	3.2	46
41	Selectivity Effects in Bimetallic Catalysis: Role of the Metal Sites in the Decomposition of Formic Acid into H₂ and CO₂ by the Coinage Metal Binuclear Complexes [dppmMMâ€²(H)]⁺. ChemCatChem, 2017, 9, 1298-1302.	1.8	33
42	Au10(SG)10: A Chiral Gold Catenane Nanocluster with Zero Confined Electrons. Optical Properties and First-Principles Theoretical Analysis. Journal of Physical Chemistry Letters, 2017, 8, 1979-1985.	2.1	49
43	Gas-Phase Structural and Optical Properties of Homo- and Heterobimetallic Rhombic Dodecahedral Nanoclusters [Ag_{14â€“<i>n</i>}Cu_{<i>n</i>}(Câ‰¡C<i>t</i>Bu)₁₂X]⁺ (X = Cl) Tj ETQq1 1 0.7843 2017, 121, 10719-10727.	1.5	19
44	Hydrogen-Induced Adsorption of Carbon Monoxide on the Gold Dimer Cation: A Joint Experimental and DFT Investigation. Journal of Physical Chemistry A, 2017, 121, 4404-4411.	1.1	7
45	Action-Self Quenching: Dimer-Induced Fluorescence Quenching of Chromophores as a Probe for Biomolecular Structure. Analytical Chemistry, 2017, 89, 4604-4610.	3.2	9
46	Dimerization and conformation-related free energy landscapes of dye-tagged amyloid-Î²_{12â€“28}linked to FRET experiments. Physical Chemistry Chemical Physics, 2017, 19, 9470-9477.	1.3	3
47	Ligand-core NLO-phores: a combined experimental and theoretical approach to the two-photon absorption and two-photon excited emission properties of small-ligated silver nanoclusters. Nanoscale, 2017, 9, 1221-1228.	2.8	40
48	Fragmentation patterns of chromophoreâ€tagged peptides in visible laser induced dissociation. Rapid Communications in Mass Spectrometry, 2017, 31, 1985-1992.	0.7	4
49	Polymers for Traveling Wave Ion Mobility Spectrometry Calibration. Journal of the American Society for Mass Spectrometry, 2017, 28, 2483-2491.	1.2	36
50	Visible Multiphoton Dissociation of Chromophore-Tagged Peptides. Journal of the American Society for Mass Spectrometry, 2017, 28, 2181-2188.	1.2	10
51	Size Characterization of Glutathione-Protected Gold Nanoclusters in the Solid, Liquid and Gas Phases. Journal of Physical Chemistry C, 2017, 121, 27733-27740.	1.5	32
52	Monitoring methanol-induced protein unfolding by fluorescence anisotropy measurements of covalently labelled rhodamine probe. European Physical Journal D, 2017, 71, 1.	0.6	4
53	ESI/MS investigation of routes to the formation of silver hydride nanocluster dications [Ag x H xâˆ'2 L y] 2+ and gas-phase unimolecular chemistry of [Ag 10 H 8 L 6] 2+. International Journal of Mass Spectrometry, 2017, 413, 97-105.	0.7	13
54	Action-FRET of a Gaseous Protein. Journal of the American Society for Mass Spectrometry, 2017, 28, 38-49.	1.2	16

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55	Mass Determination of Entire Amyloid Fibrils by Using Mass Spectrometry. Angewandte Chemie - International Edition, 2016, 55, 2340-2344.	7.2	53
56	Ligand-induced substrate steering and reshaping of [Ag2(H)]+ scaffold for selective CO2 extrusion from formic acid. Nature Communications, 2016, 7, 11746.	5.8	66
57	Optical extinction and scattering cross sections of plasmonic nanoparticle dimers in aqueous suspension. Nanoscale, 2016, 8, 6555-6570.	2.8	32
58	Temperature Response of Rhodamine B-Doped Latex Particles. From Solution to Single Particles. Langmuir, 2016, 32, 4052-4058.	1.6	22
59	The Gas-Phase Photophysics of Eosin Y and its Maleimide Conjugate. Journal of Physical Chemistry A, 2016, 120, 3484-3490.	1.1	20
60	Chiral supramolecular gold-cysteine nanoparticles: Chiroptical and nonlinear optical properties. Progress in Natural Science: Materials International, 2016, 26, 455-460.	1.8	27
61	Combined Infrared Multiphoton Dissociation with Ultraviolet Photodissociation for Ubiquitin Characterization. Journal of the American Society for Mass Spectrometry, 2016, 27, 1435-1442.	1.2	29
62	Excited States of Xanthene Analogues: Photofragmentation and Calculations by CC2 and Timeâ€Dependent Density Functional Theory. ChemPhysChem, 2016, 17, 3129-3138.	1.0	15
63	Supramolecular influence on cisâ€“trans isomerization probed by ion mobility spectrometry. Physical Chemistry Chemical Physics, 2016, 18, 32331-32336.	1.3	17
64	Excited States of Xanthene Analogues: Photofragmentation and Calculations by CC2 and Time-Dependent Density Functional Theory. ChemPhysChem, 2016, 17, 2951-2951.	1.0	0
65	3D Imaging of Nanoparticle Distribution in Biological Tissue by Laser-Induced Breakdown Spectroscopy. Scientific Reports, 2016, 6, 29936.	1.6	89
66	Mass Determination of Entire Amyloid Fibrils by Using Mass Spectrometry. Angewandte Chemie, 2016, 128, 2386-2390.	1.6	12
67	Single-Photon, Double Photodetachment of Nickel Phthalocyanine Tetrasulfonic Acid 4- Anions. Journal of Physical Chemistry Letters, 2016, 7, 2586-2590.	2.1	0
68	Tuning Ag₂₉ nanocluster light emission from red to blue with one and two-photon excitation. Nanoscale, 2016, 8, 2892-2898.	2.8	75
69	Two-photon absorption of ligand-protected Ag₁₅ nanoclusters. Towards a new class of nonlinear optics nanomaterials. Physical Chemistry Chemical Physics, 2016, 18, 12404-12408.	1.3	31
70	Chirality-dependent structuration of protonated or sodiated polyphenylalanines: IRMPD and ion mobility studies. Physical Chemistry Chemical Physics, 2016, 18, 1807-1817.	1.3	27
71	Sequential Proton Coupled Electron Transfer (PCET): Dynamics Observed over 8 Orders of Magnitude in Time. Journal of the American Chemical Society, 2016, 138, 4401-4407.	6.6	21
72	Coupling of sizeâ€exclusion chromatography with electrospray ionization chargeâ€detection mass spectrometry for the characterization of synthetic polymers of ultraâ€high molar mass. Rapid Communications in Mass Spectrometry, 2016, 30, 132-136.	0.7	16

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73	The structure of chromophore-grafted amyloid-Î²_{12â€“28} dimers in the gas-phase: FRET-experiment guided modelling. Physical Chemistry Chemical Physics, 2016, 18, 9061-9069.	1.3	12
74	Charge, Color, and Conformation: Spectroscopy on Isomer-Selected Peptide Ions. Journal of Physical Chemistry B, 2016, 120, 709-714.	1.2	17
75	213 nm Ultraviolet Photodissociation on Peptide Anions: Radical-Directed Fragmentation Patterns. Journal of the American Society for Mass Spectrometry, 2016, 27, 474-486.	1.2	21
76	Tandem ion mobility spectrometry coupled to laser excitation. Review of Scientific Instruments, 2015, 86, 094101.	0.6	58
77	Structural exploration and FÃ¶rster theory modeling for the interpretation of gas-phase FRET measurements: Chromophore-grafted amyloid-Î² peptides. Journal of Chemical Physics, 2015, 143, 025101.	1.2	16
78	Effects of calcium complexation on heparinâ€like disaccharides. A combined theoretical, tandem mass spectrometry and ultraviolet experiment. Rapid Communications in Mass Spectrometry, 2015, 29, 1135-1144.	0.7	8
79	Gasâ€phase conformations of capistruin â€“ comparison of lasso, branchedâ€cyclic and linear topologies. Rapid Communications in Mass Spectrometry, 2015, 29, 1411-1419.	0.7	11
80	Optical properties of prodigiosin and obatoclax: action spectroscopy and theoretical calculations. Physical Chemistry Chemical Physics, 2015, 17, 25946-25955.	1.3	15
81	Conformational changes in amyloid-beta (12â€“28) alloforms studied using action-FRET, IMS and molecular dynamics simulations. Chemical Science, 2015, 6, 5040-5047.	3.7	37
82	Multiphoton Dissociation of Electrosprayed MegaDalton-Sized DNA Ions in a Charge-Detection Mass Spectrometer. Journal of the American Society for Mass Spectrometry, 2015, 26, 7-13.	1.2	15
83	Charge Detection Mass Spectrometry for the Characterization of Mass and Surface Area of Composite Nanoparticles. Journal of Physical Chemistry C, 2015, 119, 10844-10849.	1.5	51
84	Testing the Vesicular Morphology to Destruction: Birth and Death of Diblock Copolymer Vesicles Prepared via Polymerization-Induced Self-Assembly. Journal of the American Chemical Society, 2015, 137, 1929-1937.	6.6	168
85	UV Photodissociation of Proline-containing Peptide Ions: Insights from Molecular Dynamics. Journal of the American Society for Mass Spectrometry, 2015, 26, 432-443.	1.2	33
86	Synthesis of ligated-metal species by laser vaporization electrospray ionization (LAVESI). International Journal of Mass Spectrometry, 2015, 387, 45-50.	0.7	3
87	Correlating Droplet Size with Temperature Changes in Electrospray Source by Optical Methods. Analytical Chemistry, 2015, 87, 8210-8217.	3.2	34
88	Gas-phase VUV photoionisation and photofragmentation of the silver deuteride nanocluster [Ag₁₀D₈L₆]²⁺ (L = bis(diphenylphosphino)methane). A joint experimental and theoretical study. Physical Chemistry Chemical Physics, 2015, 17, 25772-25777.	1.3	25
89	Visible and Ultraviolet Spectroscopy of Gas Phase Rhodamine 575 Cations. Journal of Physical Chemistry A, 2015, 119, 5634-5641.	1.1	14
90	Long-Term in Vivo Clearance of Gadolinium-Based AGuIX Nanoparticles and Their Biocompatibility after Systemic Injection. ACS Nano, 2015, 9, 2477-2488.	7.3	132

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91	Electron detachment/photodetachment dissociation of lasso peptides. International Journal of Mass Spectrometry, 2015, 390, 91-100.	0.7	2
92	Structural Basis of Protein Oxidation Resistance: A Lysozyme Study. PLoS ONE, 2014, 9, e101642.	1.1	11
93	Electron capture and deprotonation processes observed in collisions between Xe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math>and multiply protonated cytochrome-C. Physical Review A, 2014, 89, .	1.0	9
94	Electron photodetachment dissociation for structural characterization of synthetic and bioâ€polymer anions. Mass Spectrometry Reviews, 2014, 33, 501-522.	2.8	29
95	Implementing visible 473 nm photodissociation in a Q-Exactive mass spectrometer: towards specific detection of cysteine-containing peptides. Analyst, The, 2014, 139, 5523-5530.	1.7	17
96	Conformer-selective photoelectron spectroscopy of Î±-lactalbumin derived multianions in the gas phase. Physical Chemistry Chemical Physics, 2014, 16, 3007.	1.3	13
97	Non-linear optical properties of gold quantum clusters. The smaller the better. Nanoscale, 2014, 6, 13572-13578.	2.8	108
98	Structure of the Pb2+â€“deprotonated dGMP complex in the gas phase: a combined MS-MS/IRMPD spectroscopy/ion mobility study. Physical Chemistry Chemical Physics, 2014, 16, 14127.	1.3	27
99	The nature of electronic excitations at the metalâ€“bioorganic interface illustrated on histidineâ€“silver hybrids. Physical Chemistry Chemical Physics, 2014, 16, 1257-1261.	1.3	16
100	Action-FRET: Probing the Molecular Conformation of Mass-Selected Gas-Phase Peptides with FÃ¶rster Resonance Energy Transfer Detected by Acceptor-Specific Fragmentation. Analytical Chemistry, 2014, 86, 8798-8804.	3.2	53
101	Multiple Electron Ejection from Proteins Resulting from Single-Photon Excitation in the Valence Shell. Journal of Physical Chemistry Letters, 2014, 5, 1666-1671.	2.1	2
102	Deciphering the structure of isomeric oligosaccharides in a complex mixture by tandem mass spectrometry: Photon activation with vacuum ultra-violet brings unique information and enables definitive structure assignment. Analytica Chimica Acta, 2014, 807, 84-95.	2.6	32
103	Combined collision-induced dissociation and photo-selected reaction monitoring mass spectrometry modes for simultaneous analysis of coagulation factors and estrogens. Journal of Pharmaceutical Analysis, 2014, 4, 183-189.	2.4	2
104	Formation and Characterisation of the Silver Hydride Nanocluster Cation [Ag₃H₂((Ph₂P)₂CH₂)]⁺ and Its Release of Hydrogen. Chemistry - A European Journal, 2014, 20, 16626-16633.	1.7	20
105	New process observed in collisions between highly charged protonated protein and Xe8+ Xe5+ He2+ ions. Journal of Physics: Conference Series, 2014, 488, 102004.	0.3	0
106	Vacuum Ultraviolet Action Spectroscopy of Polysaccharides. Journal of the American Society for Mass Spectrometry, 2013, 24, 1271-1279.	1.2	8
107	Improved detection specificity for plasma proteins by targeting cysteine-containing peptides with photo-SRM. Analytical and Bioanalytical Chemistry, 2013, 405, 2321-2331.	1.9	32
108	Homotropic Allosterism: Inâ€Depth Structural Analysis of the Gasâ€Phase Noncovalent Complexes Associating a Doubleâ€Cavity Cucurbit[n]urilâ€Type Host and Sizeâ€Selected Protonated Amino Compounds. ChemPlusChem, 2013, 78, 959-969.	1.3	16

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109	Functionalization of Small Rigid Platforms with Cyclic RGD Peptides for Targeting Tumors Overexpressing Î±_vÎ²₃-Integrins. Bioconjugate Chemistry, 2013, 24, 1584-1597.	1.8	49
110	Glutathione capped gold Au (SG) clusters studied by isotope-resolved mass spectrometry. International Journal of Mass Spectrometry, 2013, 335, 1-6.	0.7	46
111	Photoresponse of the protonated Schiff-base retinal chromophore in the gas phase. Physical Chemistry Chemical Physics, 2013, 15, 19566.	1.3	17
112	Coupling of HPLC with Electrospray Ionization Mass Spectrometry for Studying the Aging of Ultrasmall Multifunctional Gadolinium-Based Silica Nanoparticles. Analytical Chemistry, 2013, 85, 10440-10447.	3.2	28
113	Correlation between the Charge of Polymer Particles in Solution and in the Gas Phase Investigated by Zeta-Potential Measurements and Electrospray Ionization Mass Spectrometry.. Langmuir, 2013, 29, 14074-14081.	1.6	22
114	Gas-Phase Structure of Amyloid-Î² (12 â€“ 28) Peptide Investigated by Infrared Spectroscopy, Electron Capture Dissociation and Ion Mobility Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2013, 24, 1937-1949.	1.2	18
115	Bifunctional polypyridyl-Ru(ii) complex grafted onto gadolinium-based nanoparticles for MR-imaging and photodynamic therapy. Dalton Transactions, 2013, 42, 12410.	1.6	32
116	In vivo evidence of the targeting of cartilaginous tissue by pyridinium functionalized nanoparticles. Chemical Communications, 2013, 49, 3046.	2.2	7
117	Structural characterization of a poly(methacrylic acid)/poly(methylmethacrylate) copolymer by activated electron photo-detachment dissociation. International Journal of Mass Spectrometry, 2013, 333, 27-33.	0.7	9
118	Development of gadolinium based nanoparticles having an affinity towards melanin. Nanoscale, 2013, 5, 1603.	2.8	23
119	Prompt and Slow Electronâ€Detachmentâ€Dissociation/Electronâ€Photodetachmentâ€Dissociation of a 21â€Mer Peptide. Chemistry - A European Journal, 2013, 19, 350-357.	1.7	2
120	A Topâ€Down Synthesis Route to Ultrasmall Multifunctional Gdâ€Based Silica Nanoparticles for Theranostic Applications. Chemistry - A European Journal, 2013, 19, 6122-6136.	1.7	115
121	Multiphoton dissociation of macromolecular ions at the single-molecule level. Physical Review A, 2013, 87, .	1.0	22
122	Structure and permanent electric dipole of para-fluoroaniline in gaseous phase. Open Chemistry, 2013, 11, 325-329.	1.0	0
123	Cation induced electrochromism in 2,4-dinitrophenylhydrazine (DNPH): Tuning optical properties of aromatic rings. Chemical Physics Letters, 2013, 570, 22-25.	1.2	5
124	Formation and characterization of thioglycolic acidâ€“silver cluster complexes. Dalton Transactions, 2013, 42, 8328.	1.6	13
125	The Charging of Micellar Nanoparticles in Electrospray Ionization. ChemPhysChem, 2013, 14, 603-609.	1.0	17
126	Synthesis, characterization and optical properties of low nuclearity liganded silver clusters: Ag31(SG)19 and Ag15(SG)11. Nanoscale, 2013, 5, 5637.	2.8	83

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127	Valence shell direct double photodetachment in polyanions. New Journal of Physics, 2013, 15, 063024.	1.2	4
128	Photo-induced electron detachment of protein polyanions in the VUV range. Journal of Chemical Physics, 2013, 138, 064301.	1.2	17
129	Alternative Representation for the Stability Diagram of Quadrupole Ion Traps upon Additional Quadrupolar Excitation. European Journal of Mass Spectrometry, 2013, 19, 141-149.	0.5	4
130	UVâ€“Visible Absorption Spectroscopy of Protein Ions. Physical Chemistry in Action, 2013, , 141-153.	0.1	1
131	Binding motifs of silver in prion octarepeat model peptides: a joint ion mobility, IR and UV spectroscopies, and theoretical approach. Physical Chemistry Chemical Physics, 2012, 14, 11433.	1.3	28
132	Photodissociation pathways and lifetimes of protonated peptides and their dimers. Journal of Chemical Physics, 2012, 136, 014307.	1.2	10
133	Profiling an electrospray plume by laser-induced fluorescence and Fraunhofer diffraction combined to mass spectrometry: influence of size and composition of droplets on charge-state distributions of electrosprayed proteins. Physical Chemistry Chemical Physics, 2012, 14, 9389.	1.3	32
134	Silver clusterâ€“biomolecule hybrids: from basics towards sensors. Physical Chemistry Chemical Physics, 2012, 14, 9282.	1.3	51
135	Combined electrospray ionization source with a velocity map imaging spectrometer for studying large gas phase molecular ions. Analyst, The, 2012, 137, 3496.	1.7	4
136	Synthesis and Spectroscopic Characterization of Diphenylargentate, [(C₆H₅)₂Ag]^{â^'}. Journal of Physical Chemistry Letters, 2012, 3, 1197-1201.	2.1	16
137	Optical Properties of a Visible Pushâ€“Pull Chromophore Covalently Bound to Carbohydrates: Solution and Gas-Phase Spectroscopy Combined to Theoretical Investigations. Journal of Physical Chemistry B, 2012, 116, 841-851.	1.2	5
138	Pushing the Limit of Infrared Multiphoton Dissociation to Megadalton-Size DNA Ions. Journal of Physical Chemistry Letters, 2012, 3, 2141-2145.	2.1	26
139	Soret Band of the Gas-Phase Ferri-Cytochrome c. Journal of Physical Chemistry Letters, 2012, 3, 698-702.	2.1	21
140	UV Spectroscopy of DNA Duplex and Quadruplex Structures in the Gas Phase. Journal of Physical Chemistry A, 2012, 116, 5383-5391.	1.1	41
141	Direct Molar Mass Determination of Self-Assembled Amphiphilic Block Copolymer Nanoobjects Using Electrospray-Charge Detection Mass Spectrometry. ACS Macro Letters, 2012, 1, 414-417.	2.3	47
142	Basic Vapor Exposure for Tuning the Charge State Distribution of Proteins in Negative Electrospray Ionization: Elucidation of Mechanisms by Fluorescence Spectroscopy. Journal of the American Society for Mass Spectrometry, 2012, 23, 1221-1231.	1.2	12
143	Statistical Analysis of Ion Mobility Spectrometry. II. Adaptively Biased Methods and Shape Correlations. Journal of the American Society for Mass Spectrometry, 2012, 23, 1279-1288.	1.2	21
144	Efficient Structural Characterization of Poly(Methacrylic Acid) by Activated-Electron Photodetachment Dissociation. Journal of the American Society for Mass Spectrometry, 2012, 23, 7-11.	1.2	8

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145	Statistical Analysis of Ion Mobility Spectrometry. I. Unbiased and Guided Replica-Exchange Molecular Dynamics. Journal of the American Society for Mass Spectrometry, 2012, 23, 386-396.	1.2	17
146	Formation and Fragmentation of Radical Peptide Anions: Insights from Vacuum Ultra Violet Spectroscopy. Journal of the American Society for Mass Spectrometry, 2012, 23, 274-281.	1.2	24
147	Probing electrostatic interactions and structural changes in highly charged protein polyanions by conformer-selective photoelectron spectroscopy. Physical Chemistry Chemical Physics, 2011, 13, 15554.	1.3	25
148	Visible and ultraviolet spectroscopy of gas phase protein ions. Physical Chemistry Chemical Physics, 2011, 13, 16494.	1.3	118
149	Structural and Photochemical Properties of Organosilver Reactive Intermediates MeAg₂⁺and PhAg₂⁺. Journal of Physical Chemistry A, 2011, 115, 9120-9127.	1.1	24
150	Structural Preferences of Gas-Phase M2TMP Monomers upon Sequence Variations. Journal of Physical Chemistry A, 2011, 115, 4711-4718.	1.1	8
151	Gas-Phase Synthesis and Vibronic Action Spectroscopy of Ag2H+. Journal of Physical Chemistry Letters, 2011, 2, 548-552.	2.1	19
152	Gas phase Photo-Formation and Vacuum UV Photofragmentation Spectroscopy of Tryptophan and Tyrosine Radical-Containing Peptides. Journal of Physical Chemistry A, 2011, 115, 8933-8939.	1.1	31
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