Rodolphe Antoine

List of Publications by Year
in descending order

134 papers	3,939 citations	117571 34 h-index	168321 53 g-index
140 all docs	140 docs citations	140 times ranked	4101 citing authors

#	Article	IF	Citations
1	Insights into the Impact of Gold Nanoclusters Au₁₀SG₁₀ on Human Microglia. ACS Chemical Neuroscience, 2022, 13, 464-476.	1.7	7
2	Facile one-pot synthesis of white emitting gold nanocluster solutions composed of red, green and blue emitters. Journal of Materials Chemistry C, 2022, 10, 2263-2270.	2.7	4
3	Self-Assembled Metal Nanoclusters: Driving Forces and Structural Correlation with Optical Properties. Nanomaterials, 2022, 12, 544.	1.9	29
4	Regulation of Silver Nanoclusters with 4 Orders of Magnitude Variation of Fluorescence Lifetimes with Solvent-Induced Noncovalent Interaction. Journal of Physical Chemistry C, 2022, 126, 5198-5205.	1.5	6
5	Open questions on proteins interacting with nanoclusters. Communications Chemistry, 2022, 5, .	2.0	10
6	Controlling the Chemistry of Nanoclusters: From Atomic Precision to Controlled Assembly. Nanomaterials, 2022, 12, 62.	1.9	8
7	Random lasing in rhodamine 6G dye - Kaolinite nanoclay colloids under single shot nanosecond pumping. Optical Materials, 2022, 129, 112408.	1.7	5
8	Charge detection mass spectrometry on human-amplified fibrils from different synucleinopathies. Chemical Communications, 2022, 58, 7192-7195.	2.2	1
9	Metal-Organic frameworks encapsulated Ag Nanoparticle-Nanoclusters with enhanced luminescence for simultaneous detection and removal of Chromium(VI). Microchemical Journal, 2022, 181, 107722.	2.3	7
10	Tailoring the NIRâ€‖ Photoluminescence of Single Thiolated Au₂₅ Nanoclusters by Selective Binding to Proteins**. Chemistry - A European Journal, 2022, 28, .	1.7	13
11	Polymer- and dendrimer-protected metal nanoclusters. , 2022, , 223-249.		0
12	Recent progress and prospects of random lasers using advanced materials. Materials Advances, 2022, 3, 6687-6706.	2.6	13
13	Cover Feature: Tailoring the NIRâ€‖ Photoluminescence of Single Thiolated Au₂₅ Nanoclusters by Selective Binding to Proteins (Chem. Eur. J. 39/2022). Chemistry - A European Journal, 2022, 28, .	1.7	0
14	Current Status and Perspectives of Protease Inhibitors and Their Combination with Nanosized Drug Delivery Systems for Targeted Cancer Therapy. Drug Design, Development and Therapy, 2021, Volume 15, 9-20.	2.0	31
15	Size and ligand effects of gold nanoclusters in alteration of organellar state and translocation of transcription factors in human primary astrocytes. Nanoscale, 2021, 13, 3173-3183.	2.8	11
16	Four orders-of-magnitude enhancement in the two-photon excited photoluminescence of homoleptic gold thiolate nanoclusters following zinc ion-induced aggregation. Nanoscale, 2021, 13, 4439-4443.	2.8	19
17	Fabrication of Silver-Decorated Graphene Oxide Nanohybrids via Pulsed Laser Ablation with Excellent Antimicrobial and Optical Limiting Performance. Nanomaterials, 2021, 11, 880.	1.9	19
18	Functionalized Au15 nanoclusters as luminescent probes for protein carbonylation detection. Communications Chemistry, 2021, 4, .	2.0	16

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19	Photoluminescence of Fully Inorganic Colloidal Gold Nanocluster and Their Manipulation Using Surface Charge Effects. Advanced Materials, 2021, 33, e2101549.	11.1	21
20	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
21	Nanotechnology in Tumor Biomarker Detection: The Potential of Liganded Nanoclusters as Nonlinear Optical Contrast Agents for Molecular Diagnostics of Cancer. Cancers, 2021, 13, 4206.	1.7	27
22	The emergence of mass spectrometry for characterizing nanomaterials. Atomically precise nanoclusters and beyond. Materials Advances, 2021, 2, 4896-4913.	2.6	23
23	Weighing synthetic polymers of ultraâ€high molar mass and polymeric nanomaterials: What can we learn from charge detection mass spectrometry?. Rapid Communications in Mass Spectrometry, 2020, 34, e8539.	0.7	19
24	Gold nanoclusters elicit homeostatic perturbations in glioblastoma cells and adaptive changes of lysosomes. Theranostics, 2020, 10, 1633-1648.	4.6	21
25	Rationale Strategy to Tune the Optical Properties of Gold Catenane Nanoclusters by Doping with Silver Atoms. Journal of Physical Chemistry C, 2020, 124, 19368-19374.	1.5	7
26	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
27	Templating S100A9 amyloids on Aβ2 fibrillar surfaces revealed by charge detection mass spectrometry, microscopy, kinetic and microfluidic analyses. Chemical Science, 2020, 11, 7031-7039.	3.7	20
28	Supramolecular Gold Chemistry: From Atomically Precise Thiolate-Protected Gold Nanoclusters to Gold-Thiolate Nanostructures. Nanomaterials, 2020, 10, 377.	1.9	16
29	Second harmonic scattering from mass characterized 2D graphene oxide sheets. Chemical Communications, 2020, 56, 3859-3862.	2.2	20
30	Covalent anchoring of atomically precise glutathione-protected gold nanoclusters on graphene oxide nanosheets. Nano Express, 2020, 1, 030005.	1.2	5
31	Direct determination of molecular weight distribution of calfâ€thymus DNAs and study of their fragmentation under ultrasonic and lowâ€energy infrared irradiations. A charge detection mass spectrometry investigation. Rapid Communications in Mass Spectrometry, 2019, 33, 35-39.	0.7	6
32	Ion mobility resolved photoâ€fragmentation to discriminate protomers. Rapid Communications in Mass Spectrometry, 2019, 33, 28-34.	0.7	6
33	Influence of the Spatial Conformation of Charged Ligands on the Optical Properties of Gold Nanoclusters. Journal of Physical Chemistry C, 2019, 123, 26705-26717.	1.5	15
34	In Situ Decoration of Gold Nanoparticles on Graphene Oxide via Nanosecond Laser Ablation for Remarkable Chemical Sensing and Catalysis. Nanomaterials, 2019, 9, 1201.	1.9	30
35	Organotypic and primary neural cultures as models to assess effects of different gold nanostructures on glia and neurons. Nanotoxicology, 2019, 13, 285-304.	1.6	13
36	High photoluminescence of shortwave infrared-emitting anisotropic surface charged gold nanoclusters. Nanoscale, 2019, 11, 12092-12096.	2.8	44

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37	Enhanced two-photon absorption of ligated silver and gold nanoclusters: theoretical and experimental assessments. Nanoscale, 2019, 11, 12436-12448.	2.8	54
38	Gold nanoclusters as a contrast agent for image-guided surgery of head and neck tumors. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 20, 102011.	1.7	29
39	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
40	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
41	Ligand shell size effects on one- and two-photon excitation fluorescence of zwitterion functionalized gold nanoclusters. Physical Chemistry Chemical Physics, 2019, 21, 23916-23921.	1.3	24
42	Ligand-Core NLO-Phores. Challenges and Advances in Computational Chemistry and Physics, 2019, , 139-160.	0.6	2
43	Bulky Counterions: Enhancing the Two-Photon Excited Fluorescence of Gold Nanoclusters. ChemPhysChem, 2018, 19, 164-164.	1.0	0
44	pH-Induced transformation of ligated Au₂₅ to brighter Au₂₃ nanoclusters. Nanoscale, 2018, 10, 11335-11341.	2.8	39
45	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
46	Mass and charge distributions of amyloid fibers involved in neurodegenerative diseases: mapping heterogeneity and polymorphism. Chemical Science, 2018, 9, 2791-2796.	3.7	26
47	Sizing protein-templated gold nanoclusters by time resolved fluorescence anisotropy decay measurements. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 283-288.	2.0	21
48	Bulky Counterions: Enhancing the Twoâ€Photon Excited Fluorescence of Gold Nanoclusters. ChemPhysChem, 2018, 19, 165-168.	1.0	25
49	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
50	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
51	High fidelity visualization of multiscale dynamics of laser-induced bubbles in liquids containing gold nanoparticles. Scientific Reports, 2018, 8, 9665.	1.6	24
52	One-pot direct synthesis for multifunctional ultrasmall hybrid silica nanoparticles. Journal of Materials Chemistry B, 2018, 6, 4821-4834.	2.9	4
53	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
54	Selected Studied Cases. SpringerBriefs in Materials, 2018, , 63-75.	0.1	0

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55	Concluding Remarks and Outlook. SpringerBriefs in Materials, 2018, , 77-82.	0.1	0
56	Amyloid-like aggregates formation by blood plasma fibronectin. International Journal of Biological Macromolecules, 2017, 97, 733-743.	3.6	16
57	Action-FRET of Î²-cyclodextrin inclusion complexes. New Journal of Chemistry, 2017, 41, 1806-1812.	1.4	3
58	Zwitterion functionalized gold nanoclusters for multimodal near infrared fluorescence and photoacoustic imaging. APL Materials, 2017, 5, .	2.2	52
59	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
60	Think Negative: Finding the Best Electrospray Ionization/MS Mode for Your Analyte. Analytical Chemistry, 2017, 89, 5665-5668.	3.2	84
61	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
62	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
63	Action-Self Quenching: Dimer-Induced Fluorescence Quenching of Chromophores as a Probe for Biomolecular Structure. Analytical Chemistry, 2017, 89, 4604-4610.	3.2	9
64	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
65	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
66	Monitoring methanol-induced protein unfolding by fluorescence anisotropy measurements of covalently labelled rhodamine probe. European Physical Journal D, 2017, 71, 1.	0.6	4
67	Action-FRET of a Gaseous Protein. Journal of the American Society for Mass Spectrometry, 2017, 28, 38-49.	1.2	16
68	Mass Determination of Entire Amyloid Fibrils by Using Mass Spectrometry. Angewandte Chemie - International Edition, 2016, 55, 2340-2344.	7.2	53
69	Optical extinction and scattering cross sections of plasmonic nanoparticle dimers in aqueous suspension. Nanoscale, 2016, 8, 6555-6570.	2.8	32
70	Temperature Response of Rhodamine B-Doped Latex Particles. From Solution to Single Particles. Langmuir, 2016, 32, 4052-4058.	1.6	22
71	The Gas-Phase Photophysics of Eosin Y and its Maleimide Conjugate. Journal of Physical Chemistry A, 2016, 120, 3484-3490.	1.1	20
72	Chiral supramolecular gold-cysteine nanoparticles: Chiroptical and nonlinear optical properties. Progress in Natural Science: Materials International, 2016, 26, 455-460.	1.8	27

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73	Tuning the architectural integrity of high-performance magneto-fluorescent core-shell nanoassemblies in cancer cells. Journal of Colloid and Interface Science, 2016, 479, 139-149.	5.0	17
74	Mass Determination of Entire Amyloid Fibrils by Using Mass Spectrometry. Angewandte Chemie, 2016, 128, 2386-2390.	1.6	12
75	Tuning Ag₂₉ nanocluster light emission from red to blue with one and two-photon excitation. Nanoscale, 2016, 8, 2892-2898.	2.8	75
76	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
77	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
78	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
79	Charge, Color, and Conformation: Spectroscopy on Isomer-Selected Peptide Ions. Journal of Physical Chemistry B, 2016, 120, 709-714.	1.2	17
80	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
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	Synthesis of ligated-metal species by laser vaporization electrospray ionization (LAVESI). International Journal of Mass Spectrometry, 2015, 387, 45-50.	0.7	3
86	Correlating Droplet Size with Temperature Changes in Electrospray Source by Optical Methods. Analytical Chemistry, 2015, 87, 8210-8217.	3.2	34
87	Towards a one-step method for preparing silica/polymer heterodimers and dimpled polymer particles. Polymer, 2015, 70, 118-126.	1.8	12
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	Structural Basis of Protein Oxidation Resistance: A Lysozyme Study. PLoS ONE, 2014, 9, e101642.	1.1	11
92	Effect of Mobile Phase on Electrospray Ionization Efficiency. Journal of the American Society for Mass Spectrometry, 2014, 25, 1853-1861.	1.2	61
93	Electron photodetachment dissociation for structural characterization of synthetic and bioâ€polymer anions. Mass Spectrometry Reviews, 2014, 33, 501-522.	2.8	29
94	Non-linear optical properties of gold quantum clusters. The smaller the better. Nanoscale, 2014, 6, 13572-13578.	2.8	108
95	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
96	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
97	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
98	Glutathione capped gold Au (SG) clusters studied by isotope-resolved mass spectrometry. International Journal of Mass Spectrometry, 2013, 335, 1-6.	0.7	46
99	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
100	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
101	Bifunctional polypyridyl-Ru(ii) complex grafted onto gadolinium-based nanoparticles for MR-imaging and photodynamic therapy. Dalton Transactions, 2013, 42, 12410.	1.6	32
102	In vivo evidence of the targeting of cartilaginous tissue by pyridinium functionalized nanoparticles. Chemical Communications, 2013, 49, 3046.	2.2	7
103	Development of gadolinium based nanoparticles having an affinity towards melanin. Nanoscale, 2013, 5, 1603.	2.8	23
104	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
105	Multiphoton dissociation of macromolecular ions at the single-molecule level. Physical Review A, 2013, 87, .	1.0	22
106	Formation and characterization of thioglycolic acidâ€“silver cluster complexes. Dalton Transactions, 2013, 42, 8328.	1.6	13
107	The Charging of Micellar Nanoparticles in Electrospray Ionization. ChemPhysChem, 2013, 14, 603-609.	1.0	17
108	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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109	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
110	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
111	Silver clusterâ€“biomolecule hybrids: from basics towards sensors. Physical Chemistry Chemical Physics, 2012, 14, 9282.	1.3	51
112	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
113	Pushing the Limit of Infrared Multiphoton Dissociation to Megadalton-Size DNA Ions. Journal of Physical Chemistry Letters, 2012, 3, 2141-2145.	2.1	26
114	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
115	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
116	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
117	Visible and ultraviolet spectroscopy of gas phase protein ions. Physical Chemistry Chemical Physics, 2011, 13, 16494.	1.3	118
118	Structural and Optical Properties of Isolated Noble Metalâ€“Glutathione Complexes: Insight into the Chemistry of Liganded Nanoclusters. Journal of Physical Chemistry C, 2011, 115, 24549-24554.	1.5	34
119	Doubly Charged Silver Clusters Stabilized by Tryptophan: Ag₄²⁺ as an Optical Marker for Monitoring Particle Growth. Angewandte Chemie - International Edition, 2011, 50, 878-881.	7.2	38
120	Relation between charge state distributions of peptide anions and pH changes in the electrospray plume. A mass spectrometry and optical spectroscopy investigation. International Journal of Mass Spectrometry, 2011, 308, 41-48.	0.7	35
121	Charging megadalton poly(ethylene oxide)s by electrospray ionization. A charge detection mass spectrometry study. Rapid Communications in Mass Spectrometry, 2011, 25, 617-623.	0.7	54
122	Ultrasmall Rigid Particles as Multimodal Probes for Medical Applications. Angewandte Chemie - International Edition, 2011, 50, 12299-12303.	7.2	156
123	Infrared multiphoton dissociation tandem charge detection-mass spectrometry of single megadalton electrosprayed ions. Review of Scientific Instruments, 2011, 82, 084104.	0.6	44
124	Combining ion mobility mass spectrometry and infrared multiphoton dissociation spectroscopy to probe the structure of gas-phase vancomycinâ€“Ac2LKDADA non-covalent complex. International Journal of Mass Spectrometry, 2010, 297, 28-35.	0.7	22
125	Conformation of Polyalanine and Polyglycine Dications in the Gas Phase: Insight from Ion Mobility Spectrometry and Replica-Exchange Molecular Dynamics. Journal of Physical Chemistry A, 2010, 114, 6888-6896.	1.1	43
126	Electron Emission of Gas-Phase [Au₂₅(SG)₁₈-6H]^{7â^'} Gold Cluster and Its Action Spectroscopy. Journal of Physical Chemistry Letters, 2010, 1, 3189-3194.	2.1	41

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127	Gasâ€Phase Synthesis and Intense Visible Absorption of Tryptophanâ€“Gold Cations. Angewandte Chemie - International Edition, 2009, 48, 7829-7832.	7.2	20
128	Activated-Electron Photodetachment Dissociation for the Structural Characterization of Protein Polyanions. Analytical Chemistry, 2009, 81, 8410-8416.	3.2	66
129	Absorption Enhancement and Conformational Control of Peptides by Small Silver Clusters. Physical Review Letters, 2008, 101, 213001.	2.9	50
130	Optical Properties of Gas-Phase Tryptophan-Silver Cations: Charge Transfer from the Indole Ring to the Silver Atom. ChemPhysChem, 2006, 7, 524-528.	1.0	29
131	Spectroscopy of isolated, mass-selected tryptophan-Ag3 complexes: A model for photoabsorption enhancement in nanoparticle-biomolecule hybrid systems. Journal of Chemical Physics, 2006, 125, 164326.	1.2	34
132	Size dependence of the surface plasmon enhanced second harmonic response of gold colloids: towards a new calibration method. Chemical Communications, 1999, , 581-582.	2.2	47
133	Surface plasmon enhanced non-linear optical response of gold nanoparticles at the air/toluene interface. Chemical Communications, 1997, , 1901.	2.2	77
134	Atomically precise clusters of gold and silver: A new class of nonlinear optical nanomaterials. , 0, 1, 1001.		10