Sergio DÃ-az-Tendero

List of Publications by Year
in descending order

142	2,577	186265	233421
papers	citations	28 h-index	45 g-index

151	151	151	3131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Controlling the diversity of ion-induced fragmentation pathways by N-methylation of amino acids. Physical Chemistry Chemical Physics, 2022, 24, 941-954.	2.8	3
2	Total Electron Detachment and Induced Cationic Fragmentation Cross Sections for Superoxide Anion (O2â^') Collisions with Benzene (C6H6) Molecules. International Journal of Molecular Sciences, 2022, 23, 1266.	4.1	1
3	The origin of enhanced $${{{{{{{{{m{O}}}}}}}}}}_{2}^{+}$$ production from photoionized CO2 clusters. Communications Chemistry, 2022, 5, .	4.5	3
4	Electron and ion spectroscopy of the cyclo-alanineâ€“alanine dipeptide. Physical Chemistry Chemical Physics, 2022, 24, 5855-5867.	2.8	4
5	Enantioselective Addition of Remote Alkyl Radicals to Double Bonds by Photocatalytic Proton-Coupled Electron Transfer (PCET) Deconstruction of Unstrained Cycloalkanols. Organic Letters, 2022, 24, 3123-3127.	4.6	8
6	Computation of Oxidation Potentials of Solvated Nucleobases by Static and Dynamic Multilayer Approaches. Journal of Chemical Information and Modeling, 2022, 62, 3365-3380.	5.4	5
7	A general approach to study molecular fragmentation and energy redistribution after an ionizing event. Physical Chemistry Chemical Physics, 2021, 23, 1859-1867.	2.8	9
8	Ultrafast Dynamics of Electronic Resonances in Molecules Adsorbed on Metal Surfaces: A Wave Packet Propagation Approach. Journal of Chemical Theory and Computation, 2021, 17, 639-654.	5.3	2
9	Imaging intramolecular hydrogen migration with time- and momentum-resolved photoelectron diffraction. Physical Chemistry Chemical Physics, 2021, 23, 20174-20182.	2.8	11
10	Charge and energy sharing in the fragmentation of astrophysically relevant carbon clusters. Theoretical Chemistry Accounts, 2021, 140, 1.	1.4	1
11	Enhancing Visible-Light Photocatalysis via Endohedral Functionalization of Single-Walled Carbon Nanotubes with Organic Dyes. ACS Applied Materials & Interfaces, 2021, 13, 24877-24886.	8.0	19
12	Roadmap on dynamics of molecules and clusters in the gas phase. European Physical Journal D, 2021, 75, 1.	1.3	32
13	Synergy Effects in Heavy Metal Ion Chelation with Aryl- and Aroyl-Substituted Thiourea Derivatives. Inorganic Chemistry, 2021, 60, 11984-12000.	4.0	10
14	â€œSmart Decompositionâ€•of Cyclic Alanine-Alanine Dipeptide by VUV Radiation: A Seed for the Synthesis of Biologically Relevant Species. Journal of Physical Chemistry Letters, 2021, 12, 7379-7386.	4.6	11
15	Unveiling the anisotropic behavior of ultrafast electron transfer at the metal/organic interface. Applied Surface Science, 2021, 554, 149311.	6.1	1
16	Visible-Light Radicalâ€“Radical Coupling vs. Radical Addition: Disentangling a Mechanistic Knot. Catalysts, 2021, 11, 922.	3.5	2
17	Timing of charge migration in betaine by impact of fast atomic ions. Science Advances, 2021, 7, eabg9080.	10.3	2
18	Asymmetric [2+2] photocycloaddition via charge transfer complex for the synthesis of tricyclic chiral ethers. Chemical Communications, 2021, 57, 3046-3049.	4.1	14

#	Article	IF	Citations
19	Effect of a Dielectric Spacer on Electronic and Electromagnetic Interactions at Play in Molecular Exciton Decay at Surfaces and in Plasmonic Gaps. ACS Photonics, 2021, 8, 3495-3505.	6.6	4
20	Unexpected benzene oxidation in collisions with superoxide anions. Scientific Reports, 2021, 11, 23125.	3.3	4
21	Ultrafast molecular dynamics in ionized 1- and 2-propanol: from simple fragmentation to complex isomerization and roaming mechanisms. Physical Chemistry Chemical Physics, 2021, 24, 433-443.	2.8	11
22	Understanding the formation of metastable furan dication in collisions with ions. Journal of Physics: Conference Series, 2020, 1412, 132002.	0.4	0
23	Resonant anionic states of organic molecules adsorbed on metal surfaces. Journal of Physics: Conference Series, 2020, 1412, 202015.	0.4	0
24	Polypeptide formation in clusters of Î²-alanine amino acids by single ion impact. Nature Communications, 2020, 11, 3818.	12.8	22
25	Energy deposit by electron excitation in CnN+ projectiles (n=1-3) colliding at in termediate velocity with He atoms : semi-empirical estimates and calculations. Journal of Physics: Conference Series, 2020, 1412, 142026.	0.4	0
26	Fragmentation of hydrocarbons by collision. AGAT@ANDROMEDE.. Journal of Physics: Conference Series, 2020, 1412, 162010.	0.4	0
27	Asymmetric trifluoromethylthiolation of azlactones under chiral phase transfer catalysis. Organic and Biomolecular Chemistry, 2020, 18, 2914-2920.	2.8	10
28	Catalytic asymmetric synthesis of diazabicyclo[3.1.0]hexanes by 1,3-dipolar cycloaddition of azomethine ylides with azirines. Chemical Communications, 2020, 56, 5050-5053.	4.1	12
29	Ultrafast Laser-Induced Isomerization Dynamics in Acetonitrile. Journal of Physical Chemistry Letters, 2020, 11, 6724-6729.	4.6	21
30	Dissociation dynamics of the diamondoid adamantane upon photoionization by XUV femtosecond pulses. Scientific Reports, 2020, 10, 2884.	3.3	13
31	Boron Dipyrromethene (BODIPY) as Electronâ€Withdrawing Group in Asymmetric Copperâ€Catalyzed [3+2] Cycloadditions for the Synthesis of Pyrrolidineâ€Based Biological Sensors. Advanced Synthesis and Catalysis, 2020, 362, 1345-1355.	4.3	8
32	Revealing the Interplay Between Covalent and Non-Covalent Interactions Driving the Adsorption of Monosubstituted Thiourea Derivatives on the Au(111) Surface. Journal of Physical Chemistry C, 2020, 124, 9924-9939.	3.1	2
33	Determination of energy-transfer distributions in ionizing ion-molecule collisions. Journal of Physics: Conference Series, 2020, 1412, 152085.	0.4	0
34	Excitation, ionization, neutralization and anionic production in collisions of C+, N+ and C n N+ (n =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 195204.	1.5	0
35	Decay pathways for protonated and deprotonated adenine molecules. Journal of Chemical Physics, 2019, 151, 044306.	3.0	0
36	Outstanding Energy Exchange between Organic Molecules and Metal Surfaces: Decomposition Kinetics of Excited Vinyl Derivatives Driven by the Interaction with a Cu(111) Surface. Journal of Physical Chemistry C, 2019, 123, 19625-19636.	3.1	6

#	Article	IF	Citations
37	Time-resolved molecular dynamics of single and double hydrogen migration in ethanol. Nature Communications, 2019, 10, 2813.	12.8	36
38	Electronic Structure Effects in the Coupling of a Single Molecule with a Plasmonic Antenna. Journal of Physical Chemistry C, 2019, 123, 4446-4456.	3.1	6
39	Fully versus constrained statistical fragmentation of carbon clusters and their heteronuclear derivatives. Journal of Chemical Physics, 2019, 150, 144301.	3.0	4
40	8-Mercaptoquinoline as a Ligand for Enhancing the Photocatalytic Activity of Pt(II) Coordination Complexes: Reactions and Mechanistic Insights. Journal of Organic Chemistry, 2019, 84, 6437-6447.	3.2	26
41	Role of intramolecular hydrogen bonds and electron withdrawing groups in the acidity of aldimines and ketimines: a density functional theory study. Theoretical Chemistry Accounts, 2019, 138, 1.	1.4	2
42	BODIPY as electron withdrawing group for the activation of double bonds in asymmetric cycloaddition reactions. Chemical Science, 2019, 10, 4346-4351.	7.4	16
43	Nonadiabatic scattering of NO off Au₃ clusters: A simple and robust diabatic state manifold generation method for multiconfigurational wavefunctions. Journal of Computational Chemistry, 2019, 40, 794-810.	3.3	10
44	Breakdown curves of CH₂⁽⁺⁾, CH₃⁽⁺⁾, and CH₄⁽⁺⁾ molecules. Astronomy and Astrophysics, 2019, 628, A75.	5.1	10
45	Fission of charged nano-hydrated ammonia clusters â€“ microscopic insights into the nucleation processes. Physical Chemistry Chemical Physics, 2019, 21, 25749-25762.	2.8	7
46	Intramolecular Hydrogen Bond Activation of Azaâ€Methylene Imines in Hydrogen Bond Bifunctional Catalysis â€“ A Density Functional Theory Study. European Journal of Organic Chemistry, 2019, 2019, 574-581.	2.4	10
47	Aromaticity, Coulomb repulsion, Ï€ delocalization or strain: who is who in endohedral metallofullerene stability?. Physical Chemistry Chemical Physics, 2019, 21, 124-131.	2.8	7
48	Intramolecular hydrogen-bond activation for the addition of nucleophilic imines: 2-hydroxybenzophenone as a chemical auxiliary. Chemical Communications, 2018, 54, 3399-3402.	4.1	11
49	2â€Hydroxybenzophenone as a Chemical Auxiliary for the Activation of Ketiminoesters for Highly Enantioselective Addition to Nitroalkenes under Bifunctional Catalysis. Angewandte Chemie - International Edition, 2018, 57, 5350-5354.	13.8	30
50	Topology-Based Approach to Predict Relative Stabilities of Charged and Functionalized Fullerenes. Journal of Chemical Theory and Computation, 2018, 14, 1791-1810.	5.3	21
51	Intramolecular Hydrogen Bond Activation: Thiourea-Organocatalyzed Enantioselective 1,3-Dipolar Cycloaddition of Salicylaldehyde-Derived Azomethine Ylides with Nitroalkenes. ACS Catalysis, 2018, 8, 1884-1890.	11.2	63
52	2â€Hydroxybenzophenone as a Chemical Auxiliary for the Activation of Ketiminoesters for Highly Enantioselective Addition to Nitroalkenes under Bifunctional Catalysis. Angewandte Chemie, 2018, 130, 5448-5452.	2.0	12
53	Furan Fragmentation in the Gas Phase: New Insights from Statistical and Molecular Dynamics Calculations. Journal of Physical Chemistry A, 2018, 122, 4153-4166.	2.5	19
54	Asymmetric synthesis of Rauhutâ€“Currier-type esters via Mukaiyamaâ€“Michael reaction to acylphosphonates under bifunctional catalysis. Chemical Communications, 2018, 54, 13941-13944.	4.1	9

#	Article	IF	Citations
55	Theoretical Insights into Vinyl Derivatives Adsorption on a Cu(100) Surface. Journal of Physical Chemistry C, 2018, 122, 27301-27313.	3.1	6
56	Semiempirical breakdown curves of C2N(+) and C3N(+) molecules; application to products branching ratios predictions of physical and chemical processes involving these adducts. Molecular Astrophysics, 2018, 12, 25-32.	1.6	4
57	Structure and stability of clusters of Î²-alanine in the gas phase: importance of the nature of intermolecular interactions. Physical Chemistry Chemical Physics, 2017, 19, 5465-5476.	2.8	6
58	Relative Stability of Empty Exohedral Fullerenes: Ï€ Delocalization versus Strain and Steric Hindrance. Journal of the American Chemical Society, 2017, 139, 1609-1617.	13.7	36
59	Unravelling the Mechanism of Nonâ€“photoactivated [2+2] Cycloaddition Reactions: Relevance of Orbital Interactions and Zwitterionic Intermediates. ChemistrySelect, 2017, 2, 1089-1093.	1.5	3
60	Generalized structural motif model for studying the thermodynamic stability of fullerenes: from C₆₀to graphene passing through giant fullerenes. Physical Chemistry Chemical Physics, 2017, 19, 19646-19655.	2.8	9
61	Production of doubly-charged highly reactive species from the long-chain amino acid GABA initiated by Ar⁹⁺ionization. Physical Chemistry Chemical Physics, 2017, 19, 19609-19618.	2.8	13
62	M₃C: A Computational Approach To Describe Statistical Fragmentation of Excited Molecules and Clusters. Journal of Chemical Theory and Computation, 2017, 13, 992-1009.	5.3	20
63	Tuning Intermolecular Charge Transfer in Donorâ€“Acceptor Two-Dimensional Crystals on Metal Surfaces. Journal of Physical Chemistry C, 2017, 121, 23505-23510.	3.1	11
64	Charge dependence of fragmentation process induced by ion collisions with furan molecule. Journal of Physics: Conference Series, 2017, 875, 102021.	0.4	1
65	Excitation and fragmentation in high velocity C_nN⁺- He collisions. Journal of Physics: Conference Series, 2017, 875, 102022.	0.4	1
66	Mechanical Isolation of Highly Stable Antimonene under Ambient Conditions. Advanced Materials, 2016, 28, 6332-6336.	21.0	444
67	Weakly bounded intermediates as a previous step towards highly-enantioselective iminium type additions of Î²-keto-sulfoxides and -sulfones. Journal of Molecular Catalysis A, 2016, 423, 308-318.	4.8	9
68	Antimonene: Mechanical Isolation of Highly Stable Antimonene under Ambient Conditions (Adv. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10	21.0	23
69	Determination of Energy-Transfer Distributions in Ionizing Ion-Molecule Collisions. Physical Review Letters, 2016, 117, 073201.	7.8	39
70	Theoretical study of the interaction between molecular hydrogen and [MC₆₀]⁺ complexes. RSC Advances, 2016, 6, 27447-27451.	3.6	7
71	Key Structural Motifs To Predict the Cage Topology in Endohedral Metallofullerenes. Journal of the American Chemical Society, 2016, 138, 1551-1560.	13.7	36
72	Structure, Ionization, and Fragmentation of Neutral and Positively Charged Hydrogenated Carbon Clusters: C_nH_m^{q+} (n = 1â€“5, m =) Tj ETQq0 0 0 rgBT /Overlo	4.6	26

#	Article	IF	Citations
73	Structure, Ionization and Fragmentation of Neutral and Positively Charged Hydrogenated Carbon Clusters: C_nH^{q+}_m (n = 1 â^' 5, m =) Tj ETQq1 1 0.784314 rgB	0.4	78
74	Dynamics of excited clusters of Î²-alanine in the gas phase. Journal of Physics: Conference Series, 2015, 635, 032089.	0.4	0
75	Molecular dynamics of photodissociation: towards more complex systems. Journal of Physics: Conference Series, 2015, 635, 112105.	0.4	1
76	Breakdown curves of carbon-based molecules for astrochemistry. Journal of Physics: Conference Series, 2015, 635, 032107.	0.4	0
77	Theoretical Modeling of Mass Spectrometry. Journal of Physics: Conference Series, 2015, 635, 072060.	0.4	0
78	High-Order Harmonic Generation from the Cu(111) surface. Journal of Physics: Conference Series, 2015, 635, 102010.	0.4	0
79	X-ray induced fragmentation dynamics of doubly charged L-alanine in gas phase. Journal of Physics: Conference Series, 2015, 635, 112094.	0.4	1
80	Unusual hydrogen and hydroxyl migration in the fragmentation of excited doubly-positively-charged amino acids in the gas phase. Journal of Physics: Conference Series, 2015, 635, 032037.	0.4	0
81	Charge and energy flows in ionised thymidine. Journal of Physics: Conference Series, 2015, 635, 032072.	0.4	0
82	Unusual hydroxyl migration in the fragmentation of Î²-alanine dication in the gas phase. Physical Chemistry Chemical Physics, 2015, 17, 16767-16778.	2.8	29
83	Insight into the Copper-Catalyzed Borylation of Strained Alkenes. Synlett, 2015, 26, 494-500.	1.8	18
84	Adsorption of Benzene on Cu(100) and on Cu(100) Covered with an Ultrathin NaCl Film: Moleculeâ€“Substrate Interaction and Decoupling. Journal of Physical Chemistry C, 2015, 119, 4062-4071.	3.1	20
85	Internal energy dependence in x-ray-induced molecular fragmentation: An experimental and theoretical study of thiophene. Physical Review A, 2015, 91, .	2.5	36
86	Exploring the Adsorption and the Potential Energy Surface of Acrylonitrile on Cu(100) and Cu(100) Coated with NaCl Layers. Journal of Physical Chemistry C, 2015, 119, 15125-15136.	3.1	6
87	Cage connectivity and frontier Ï€ orbitals govern the relative stability of charged fullerene isomers. Nature Chemistry, 2015, 7, 927-934.	13.6	41
88	N-Acetylglycine Cation Tautomerization Enabled by the Peptide Bond. Journal of Physical Chemistry A, 2015, 119, 9581-9589.	2.5	5
89	Bonding in exohedral metalâ€“fullerene cationic complexes. RSC Advances, 2014, 4, 53010-53020.	3.6	18
90	Multiple ionization and hydrogen loss from neutral and positively-charged coronene. Journal of Chemical Physics, 2014, 140, 204307.	3.0	31

#	Article	IF	Citations
91	Ultrafast nonadiabatic fragmentation dynamics of biomolecules. Journal of Physics: Conference Series, 2014, 488, 012037.	0.4	7
92	Multiple electron capture, excitation, and fragmentation in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">C</mml:mi><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mn>6</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup><mml:mo>â^’</mml:mo></mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:math>collisions. Physical Review A, 2014, 90, .	2.5	8
93	Stability of the glycine cation in the gas phase after interaction with multiply charged ions. European Physical Journal D, 2014, 68, 1.	1.3	16
94	Highly Enantioselective Construction of Tricyclic Derivatives by the Desymmetrization of Cyclohexadienones. Angewandte Chemie - International Edition, 2014, 53, 8184-8189.	13.8	68
95	Fragmentation of amino acids induced by collisions with low-energy highly charged ions. Journal of Physics: Conference Series, 2014, 488, 102019.	0.4	0
96	Fragmentation dynamics of excited ionized polycyclic aromatic hydrocarbons. Journal of Physics: Conference Series, 2014, 488, 102027.	0.4	0
97	Exohedral interaction in cationic lithium metallofullerenes. Highlights in Theoretical Chemistry, 2014, , 89-96.	0.0	0
98	Exohedral interaction in cationic lithium metallofullerenes. Theoretical Chemistry Accounts, 2013, 132, 1.	1.4	7
99	Dynamics of Glycine Dications in the Gas Phase: Ultrafast Intramolecular Hydrogen Migration versus Coulomb Repulsion. Journal of Physical Chemistry Letters, 2013, 4, 3903-3909.	4.6	74
100	Density functional theory study of the structure and vibrational modes of acrylonitrile adsorbed on Cu(100). Physical Chemistry Chemical Physics, 2013, 15, 1288-1295.	2.8	11
101	Charge transfer and fragmentation in C60+ C6+collisions. Journal of Physics: Conference Series, 2012, 388, 102012.	0.4	0
102	New features in the ionic states of N₂O₄: Experimental and theoretical study. Journal of Physics: Conference Series, 2012, 388, 022017.	0.4	1
103	Enantioselective Synthesis of 4â€Isoxazolines by 1,3â€Dipolar Cycloadditions of Nitrones to Alkynals Catalyzed by Fluorodiphenylmethylpyrrolidines. Advanced Synthesis and Catalysis, 2012, 354, 1665-1671.	4.3	46
104	Arylsulfonylacetylenes as Alkynylating Reagents of Cï£¿H Bonds Activated with Lithium Bases. Angewandte Chemie - International Edition, 2012, 51, 2712-2716.	13.8	56
105	A Multicoincidence Study of Fragmentation Dynamics in Collision of Î³â€Aminobutyric Acid with Lowâ€Energy Ions. Chemistry - A European Journal, 2012, 18, 9321-9332.	3.3	44
106	Expanding the Scope of Arylsulfonylacetylenes as Alkynylating Reagents and Mechanistic Insights in the Formation of Csp²ï£¿Csp and Csp³ï£¿Csp Bonds from Organolithiums. Chemistry - A European Journal, 2012, 18, 8414-8422.	3.3	42
107	Theoretical study of the stability of small triply charged carbon clusters Cn3+ (n=3â€“12). International Journal of Mass Spectrometry, 2011, 299, 20-26.	1.5	2
108	Complete Stereocontrol in Organocatalytic Additions of Î²â€Ketosulfoxides to Conjugated Aldehydes. Chemistry - A European Journal, 2011, 17, 4030-4037.	3.3	12

#	Article	IF	Citations
109	Theoretical study of the electronic excited states in ultrathin ionic layers supported on metal surfaces: NaCl/Cu(111). Physical Review B, 2011, 83, .	3.2	11
110	Excited electron dynamics in Cu nanowires supported on a Cu(111) surface. Physical Review B, 2009, 79, .	3.2	9
111	Extraordinary Electron Propagation Length in a Metallic Double Chain Supported on a Metal Surface. Physical Review Letters, 2009, 102, 166807.	7.8	15
112	Mapping of the electron transmission through the wall of a quantum corral. Surface Science, 2009, 603, 2074-2081.	1.9	3
113	Electron energy loss spectroscopy and anion formation in gas phase coronene. Physical Chemistry Chemical Physics, 2009, 11, 5686.	2.8	22
114	Translational, rotational and vibrational energy partitioning in the sequential loss of carbon dimers from fullerenes. Physical Chemistry Chemical Physics, 2009, 11, 6345.	2.8	9
115	Interferences between resonances localized in metal nanostructures supported on metal surfaces. Journal of Physics: Conference Series, 2009, 194, 132003.	0.4	0
116	Absolute charge transfer and fragmentation cross sections in He2++C60collisions. Journal of Physics: Conference Series, 2009, 194, 012047.	0.4	2
117	Electron Propagation along Cu Nanowires Supported on a Cu(111) Surface. Nano Letters, 2008, 8, 2712-2717.	9.1	18
118	Theoretical study of electron confinement in Cu corrals on a Cu(111) surface. Physical Review B, 2008, 77, .	3.2	10
119	Absolute Charge Transfer and Fragmentation Cross Sections inHe2+â’C60Collisions. Physical Review Letters, 2008, 100, 183401.	7.8	31
120	Theoretical study of the stability of multiply charged C70 fullerenes. Journal of Chemical Physics, 2007, 127, 104308.	3.0	16
121	Structural Patterns in Fullerenes Showing Adjacent Pentagons: C20 to C72. Journal of Nanoscience and Nanotechnology, 2007, 7, 1329-1338.	0.9	26
122	Different quantization behaviors of electrons confined in nanostructures at surfaces. Physical Review B, 2007, 76, .	3.2	5
123	Fragmentation induced by charge exchange in collisions of charged alkaline clusters with alkali atoms. European Physical Journal D, 2007, 44, 525-532.	1.3	8
124	Structure of <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	3.0	6
125	Ionization potentials, dissociation energies and statistical fragmentation of neutral and positively charged small carbon clusters. Brazilian Journal of Physics, 2006, 36, 529-533.	1.4	20
126	Ionization potentials and dissociation energies of neutral, singly and doubly charged Cn fullerenes from n=20 to 70. International Journal of Mass Spectrometry, 2006, 252, 133-141.	1.5	29

#	Article	IF	Citations
127	Fragmentation of small neutral carbon clusters. International Journal of Mass Spectrometry, 2006, 252, 126-132.	1.5	21
128	Computational Studies on the Cyclization of Polycyclic Aromatic Hydrocarbons in the Synthesis of Curved Aromatic Derivatives. ChemPhysChem, 2006, 7, 475-481.	2.1	3
129	Charge transfer in high velocity Cn++ He collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 2593-2603.	1.5	13
130	FRAGMENTATION OF COLLISIONALLY EXCITED FULLERENES. , 2006, , .		0
131	Fullerene C50: Sphericity takes over, not strain. Chemical Physics Letters, 2005, 407, 153-158.	2.6	56
132	Size dependence of ionization potentials and dissociation energies for neutral and singly-charged Cn fullerenes (n=40â€“70). Chemical Physics Letters, 2005, 416, 14-17.	2.6	22
133	Coulomb Stability Limit of Highly ChargedC60q+Fullerenes. Physical Review Letters, 2005, 95, 013401.	7.8	55
134	Structure and Electronic Properties of Fullerenes C52q+: Is C522+an Exception to the Pentagon Adjacency Penalty Rule?. ChemPhysChem, 2005, 6, 92-100.	2.1	43
135	Statistical fragmentation of small neutral carbon clusters. Physical Review A, 2005, 71, .	2.5	34
136	Structure and electronic properties of highly charged C60 and C58 fullerenes. Journal of Chemical Physics, 2005, 123, 184306.	3.0	41
137	Structure and reactivity of C54q+(q= 0, 1, 2 and 4) fullerenes. Physical Chemistry Chemical Physics, 2005, 7, 3756.	2.8	4
138	Fragmentation of Highly Excited Small Neutral Carbon Clusters. Physical Review Letters, 2004, 93, 063401.	7.8	45
139	Charge Transfer and Evaporation in Low Energy Collisions of Metal Clusters and Fullerenes with Atomic Targets. Physica Scripta, 2004, 110, 308.	2.5	2
140	Fragmentation of neutral Cn clusters (n ? 9): experimental and theoretical investigations. European Physical Journal D, 2003, 24, 149-152.	1.3	8
141	Theoretical study of ionization potentials and dissociation energies of Cnq+ fullerenes (n=50â€“60,) Tj ETQq1 1 0.784314 rgBT /Over	3.0	78
142	Structure, Dissociation Energies, and Harmonic Frequencies of Small Doubly Charged Carbon Clusters Cn2+(n= 3â^’9)â€. Journal of Physical Chemistry A, 2002, 106, 10782-10789.	2.5	31