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	Mechanical Isolation of Highly Stable Antimonene under Ambient Conditions. Advanced Materials, 2016, 28, 6332-6336.	21.0	444
2	Theoretical study of ionization potentials and dissociation energies of Cnq+ fullerenes (n=50â€“60,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.0	78
3	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
4	Highly Enantioselective Construction of Tricyclic Derivatives by the Desymmetrization of Cyclohexadienones. Angewandte Chemie - International Edition, 2014, 53, 8184-8189.	13.8	68
5	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
6	Fullerene C50: Sphericity takes over, not strain. Chemical Physics Letters, 2005, 407, 153-158.	2.6	56
7	Arylsulfonylacetylenes as Alkynylating Reagents of Cï£¿H Bonds Activated with Lithium Bases. Angewandte Chemie - International Edition, 2012, 51, 2712-2716.	13.8	56
8	Coulomb Stability Limit of Highly ChargedC60q+Fullerenes. Physical Review Letters, 2005, 95, 013401.	7.8	55
9	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
10	Fragmentation of Highly Excited Small Neutral Carbon Clusters. Physical Review Letters, 2004, 93, 063401.	7.8	45
11	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
12	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
13	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
14	Structure and electronic properties of highly charged C60 and C58 fullerenes. Journal of Chemical Physics, 2005, 123, 184306.	3.0	41
15	Cage connectivity and frontier Ï€ orbitals govern the relative stability of charged fullerene isomers. Nature Chemistry, 2015, 7, 927-934.	13.6	41
16	Determination of Energy-Transfer Distributions in Ionizing Ion-Molecule Collisions. Physical Review Letters, 2016, 117, 073201.	7.8	39
17	Internal energy dependence in x-ray-induced molecular fragmentation: An experimental and theoretical study of thiophene. Physical Review A, 2015, 91, .	2.5	36
18	Key Structural Motifs To Predict the Cage Topology in Endohedral Metallofullerenes. Journal of the American Chemical Society, 2016, 138, 1551-1560.	13.7	36

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19	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
20	Time-resolved molecular dynamics of single and double hydrogen migration in ethanol. Nature Communications, 2019, 10, 2813.	12.8	36
21	Statistical fragmentation of small neutral carbon clusters. Physical Review A, 2005, 71, .	2.5	34
22	Roadmap on dynamics of molecules and clusters in the gas phase. European Physical Journal D, 2021, 75, 1.	1.3	32
23	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
24	Absolute Charge Transfer and Fragmentation Cross Sections inHe2+â^'C60Collisions. Physical Review Letters, 2008, 100, 183401.	7.8	31
25	Multiple ionization and hydrogen loss from neutral and positively-charged coronene. Journal of Chemical Physics, 2014, 140, 204307.	3.0	31
26	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
27	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
28	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
29	Structural Patterns in Fullerenes Showing Adjacent Pentagons: C20 to C72. Journal of Nanoscience and Nanotechnology, 2007, 7, 1329-1338.	0.9	26
30	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
31	Antimonene: Mechanical Isolation of Highly Stable Antimonene under Ambient Conditions (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Ov	21.0	23
32	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
33	Electron energy loss spectroscopy and anion formation in gas phase coronene. Physical Chemistry Chemical Physics, 2009, 11, 5686.	2.8	22
34	Polypeptide formation in clusters of Î²-alanine amino acids by single ion impact. Nature Communications, 2020, 11, 3818.	12.8	22
35	Fragmentation of small neutral carbon clusters. International Journal of Mass Spectrometry, 2006, 252, 126-132.	1.5	21
36	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

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37	Ultrafast Laser-Induced Isomerization Dynamics in Acetonitrile. Journal of Physical Chemistry Letters, 2020, 11, 6724-6729.	4.6	21
38	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
39	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
40	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	2.3	20
41	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
42	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
43	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
44	Electron Propagation along Cu Nanowires Supported on a Cu(111) Surface. Nano Letters, 2008, 8, 2712-2717.	9.1	18
45	Bonding in exohedral metalâ€“fullerene cationic complexes. RSC Advances, 2014, 4, 53010-53020.	3.6	18
46	Insight into the Copper-Catalyzed Borylation of Strained Alkenes. Synlett, 2015, 26, 494-500.	1.8	18
47	Theoretical study of the stability of multiply charged C70 fullerenes. Journal of Chemical Physics, 2007, 127, 104308.	3.0	16
48	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
49	BODIPY as electron withdrawing group for the activation of double bonds in asymmetric cycloaddition reactions. Chemical Science, 2019, 10, 4346-4351.	7.4	16
50	Extraordinary Electron Propagation Length in a Metallic Double Chain Supported on a Metal Surface. Physical Review Letters, 2009, 102, 166807.	7.8	15
51	Asymmetric [2+2] photocycloaddition via charge transfer complex for the synthesis of tricyclic chiral ethers. Chemical Communications, 2021, 57, 3046-3049.	4.1	14
52	Charge transfer in high velocity Cn++ He collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 2593-2603.	1.5	13
53	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
54	Dissociation dynamics of the diamondoid adamantane upon photoionization by XUV femtosecond pulses. Scientific Reports, 2020, 10, 2884.	3.3	13

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55	Complete Stereocontrol in Organocatalytic Additions of Î²â€Ketosulfoxides to Conjugated Aldehydes. Chemistry - A European Journal, 2011, 17, 4030-4037.	3.3	12
56	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
57	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
58	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
59	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
60	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
61	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
62	Imaging intramolecular hydrogen migration with time- and momentum-resolved photoelectron diffraction. Physical Chemistry Chemical Physics, 2021, 23, 20174-20182.	2.8	11
63	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
64	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
65	Theoretical study of electron confinement in Cu corrals on a Cu(111) surface. Physical Review B, 2008, 77, .	3.2	10
66	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
67	Breakdown curves of CH₂⁽⁺⁾, CH₃⁽⁺⁾, and CH₄⁽⁺⁾ molecules. Astronomy and Astrophysics, 2019, 628, A75.	5.1	10
68	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
69	Asymmetric trifluoromethylthiolation of azlactones under chiral phase transfer catalysis. Organic and Biomolecular Chemistry, 2020, 18, 2914-2920.	2.8	10
70	Synergy Effects in Heavy Metal Ion Chelation with Aryl- and Aroyl-Substituted Thiourea Derivatives. Inorganic Chemistry, 2021, 60, 11984-12000.	4.0	10
71	Excited electron dynamics in Cu nanowires supported on a Cu(111) surface. Physical Review B, 2009, 79, .	3.2	9
72	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

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73	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
74	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
75	Asymmetric synthesis of Rauhutâ€“Currier-type esters <i>via</i> Mukaiyamaâ€“Michael reaction to acylphosphonates under bifunctional catalysis. Chemical Communications, 2018, 54, 13941-13944.	4.1	9
76	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
77	Fragmentation of neutral Cn clusters (n ? 9): experimental and theoretical investigations. European Physical Journal D, 2003, 24, 149-152.	1.3	8
78	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
79	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: mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:math>collisions. Physical Review A, 2014, 90.	2.5	8
80	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
81	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
82	Exohedral interaction in cationic lithium metallofullerenes. Theoretical Chemistry Accounts, 2013, 132, 1.	1.4	7
83	Ultrafast nonadiabatic fragmentation dynamics of biomolecules. Journal of Physics: Conference Series, 2014, 488, 012037.	0.4	7
84	Theoretical study of the interaction between molecular hydrogen and [MC₆₀]⁺ complexes. RSC Advances, 2016, 6, 27447-27451.	3.6	7
85	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
86	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
87	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
88	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
89	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
90	Theoretical Insights into Vinyl Derivatives Adsorption on a Cu(100) Surface. Journal of Physical Chemistry C, 2018, 122, 27301-27313.	3.1	6

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91	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
92	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
93	Different quantization behaviors of electrons confined in nanostructures at surfaces. Physical Review B, 2007, 76, .	3.2	5
94	N-Acetylglycine Cation Tautomerization Enabled by the Peptide Bond. Journal of Physical Chemistry A, 2015, 119, 9581-9589.	2.5	5
95	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
96	Structure and reactivity of C54q+(q= 0, 1, 2 and 4) fullerenes. Physical Chemistry Chemical Physics, 2005, 7, 3756.	2.8	4
97	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
98	Fully versus constrained statistical fragmentation of carbon clusters and their heteronuclear derivatives. Journal of Chemical Physics, 2019, 150, 144301.	3.0	4
99	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
100	Unexpected benzene oxidation in collisions with superoxide anions. Scientific Reports, 2021, 11, 23125.	3.3	4
101	Electron and ion spectroscopy of the cyclo-alanineâ€“alanine dipeptide. Physical Chemistry Chemical Physics, 2022, 24, 5855-5867.	2.8	4
102	Computational Studies on the Cyclization of Polycyclic Aromatic Hydrocarbons in the Synthesis of Curved Aromatic Derivatives. ChemPhysChem, 2006, 7, 475-481.	2.1	3
103	Mapping of the electron transmission through the wall of a quantum corral. Surface Science, 2009, 603, 2074-2081.	1.9	3
104	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
105	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
106	The origin of enhanced $${{{{{{{{{m{O}}}}}}}}}}_{2}^{+}$$ production from photoionized CO2 clusters. Communications Chemistry, 2022, 5, .	4.5	3
107	Charge Transfer and Evaporation in Low Energy Collisions of Metal Clusters and Fullerenes with Atomic Targets. Physica Scripta, 2004, 110, 308.	2.5	2
108	Absolute charge transfer and fragmentation cross sections in He2++C60collisions. Journal of Physics: Conference Series, 2009, 194, 012047.	0.4	2

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109	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
110	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
111	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
112	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
113	Visible-Light Radicalâ€“Radical Coupling vs. Radical Addition: Disentangling a Mechanistic Knot. Catalysts, 2021, 11, 922.	3.5	2
114	Timing of charge migration in betaine by impact of fast atomic ions. Science Advances, 2021, 7, eabg9080.	10.3	2
115	New features in the ionic states of N₂O₄: Experimental and theoretical study. Journal of Physics: Conference Series, 2012, 388, 022017.	0.4	1
116	Molecular dynamics of photodissociation: towards more complex systems. Journal of Physics: Conference Series, 2015, 635, 112105.	0.4	1
117	X-ray induced fragmentation dynamics of doubly charged L-alanine in gas phase. Journal of Physics: Conference Series, 2015, 635, 112094.	0.4	1
118	Charge dependence of fragmentation process induced by ion collisions with furan molecule. Journal of Physics: Conference Series, 2017, 875, 102021.	0.4	1
119	Excitation and fragmentation in high velocity C_nN⁺- He collisions. Journal of Physics: Conference Series, 2017, 875, 102022.	0.4	1
120	Charge and energy sharing in the fragmentation of astrophysically relevant carbon clusters. Theoretical Chemistry Accounts, 2021, 140, 1.	1.4	1
121	Unveiling the anisotropic behavior of ultrafast electron transfer at the metal/organic interface. Applied Surface Science, 2021, 554, 149311.	6.1	1
122	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
123	Interferences between resonances localized in metal nanostructures supported on metal surfaces. Journal of Physics: Conference Series, 2009, 194, 132003.	0.4	0
124	Charge transfer and fragmentation in C60+ C6+collisions. Journal of Physics: Conference Series, 2012, 388, 102012.	0.4	0
125	Fragmentation of amino acids induced by collisions with low-energy highly charged ions. Journal of Physics: Conference Series, 2014, 488, 102019.	0.4	0
126	Fragmentation dynamics of excited ionized polycyclic aromatic hydrocarbons. Journal of Physics: Conference Series, 2014, 488, 102027.	0.4	0

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127	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		
128	Dynamics of excited clusters of Î²-alanine in the gas phase. Journal of Physics: Conference Series, 2015, 635, 032089.	0.4	0
129	Breakdown curves of carbon-based molecules for astrochemistry. Journal of Physics: Conference Series, 2015, 635, 032107.	0.4	0
130	Theoretical Modeling of Mass Spectrometry. Journal of Physics: Conference Series, 2015, 635, 072060.	0.4	0
131	High-Order Harmonic Generation from the Cu(111) surface. Journal of Physics: Conference Series, 2015, 635, 102010.	0.4	0
132	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
133	Charge and energy flows in ionised thymidine. Journal of Physics: Conference Series, 2015, 635, 032072.	0.4	0
134	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
135	Decay pathways for protonated and deprotonated adenine molecules. Journal of Chemical Physics, 2019, 151, 044306.	3.0	0
136	Understanding the formation of metastable furan dication in collisions with ions. Journal of Physics: Conference Series, 2020, 1412, 132002.	0.4	0
137	Resonant anionic states of organic molecules adsorbed on metal surfaces. Journal of Physics: Conference Series, 2020, 1412, 202015.	0.4	0
138	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
139	Fragmentation of hydrocarbons by collision. AGAT@ANDROMEDE.. Journal of Physics: Conference Series, 2020, 1412, 162010.	0.4	0
140	FRAGMENTATION OF COLLISIONALLY EXCITED FULLERENES. , 2006, , .		0
141	Exohedral interaction in cationic lithium metallofullerenes. Highlights in Theoretical Chemistry, 2014, , 89-96.	0.0	0
142	Determination of energy-transfer distributions in ionizing ion-molecule collisions. Journal of Physics: Conference Series, 2020, 1412, 152085.	0.4	0