

# Fabio Cesar Gozzo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4918956/publications.pdf>

Version: 2024-02-01

152  
papers

5,324  
citations

87723

38  
h-index

118652

62  
g-index

155  
all docs

155  
docs citations

155  
times ranked

7273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing protein conformers by cross-linking mass spectrometry and pattern recognition. <i>Bioinformatics</i> , 2021, 37, 3035-3037.	1.8	2
2	Xyloglucan processing machinery in <i>Xanthomonas</i> pathogens and its role in the transcriptional activation of virulence factors. <i>Nature Communications</i> , 2021, 12, 4049.	5.8	26
3	Structural discrimination analysis for constraint selection in protein modeling. <i>Bioinformatics</i> , 2021, 37, 3766-3773.	1.8	0
4	Two distinct catalytic pathways for GH43 xylanolytic enzymes unveiled by X-ray and QM/MM simulations. <i>Nature Communications</i> , 2021, 12, 367.	5.8	27
5	Molecular Architecture of the Antiophidic Protein DM64 and its Binding Specificity to Myotoxin II From <i>Bothrops asper</i> Venom. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 787368.	1.6	2
6	New Intracellular Peptide Derived from Hemoglobin Alpha Chain Induces Glucose Uptake and Reduces Blood Glycemia. <i>Pharmaceutics</i> , 2021, 13, 2175.	2.0	3
7	Unveiling the interaction between the molecular motor Myosin Vc and the small GTPase Rab3A. <i>Journal of Proteomics</i> , 2020, 212, 103549.	1.2	7
8	Structural complementarity of distance constraints obtained from chemical cross-linking and amino acid coevolution. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, 625-632.	1.5	2
9	Mixed-Data Acquisition: Next-Generation Quantitative Proteomics Data Acquisition. <i>Journal of Proteomics</i> , 2020, 222, 103803.	1.2	8
10	RawVegetable – A data assessment tool for proteomics and cross-linking mass spectrometry experiments. <i>Journal of Proteomics</i> , 2020, 225, 103864.	1.2	10
11	The Relevance of Thimet Oligopeptidase in the Regulation of Energy Metabolism and Diet-Induced Obesity. <i>Biomolecules</i> , 2020, 10, 321.	1.8	13
12	Plasma Lipidomic Fingerprinting to Distinguish among Hepatitis C-related Hepatocellular Carcinoma, Liver Cirrhosis, and Chronic Hepatitis C using MALDI-TOF Mass Spectrometry: a Pilot Study. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2020, 24, 43-49.	0.5	8
13	Structural insights into $\beta$ -1,3-glucan cleavage by a glycoside hydrolase family. <i>Nature Chemical Biology</i> , 2020, 16, 920-929.	3.9	19
14	C7orf59/LAMTOR4 phosphorylation and structural flexibility modulate Ragulator assembly. <i>FEBS Open Bio</i> , 2019, 9, 1589-1602.	1.0	6
15	TopoLink: evaluation of structural models using chemical crosslinking distance constraints. <i>Bioinformatics</i> , 2019, 35, 3169-3170.	1.8	16
16	Understanding mechanisms of oocyte development by follicular fluid lipidomics. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 1003-1011.	1.2	18
17	First Community-Wide, Comparative Cross-Linking Mass Spectrometry Study. <i>Analytical Chemistry</i> , 2019, 91, 6953-6961.	3.2	100
18	Structural analysis of a myotoxin-antimyotoxin complex by cross-linking, mass spectrometry, and bioinformatics. <i>Toxicon</i> , 2019, 158, S29-S30.	0.8	0

#	ARTICLE	IF	CITATIONS
19	N-glycan Utilization by Bifidobacterium Gut Symbionts Involves a Specialist $\beta$ -Mannosidase. <i>Journal of Molecular Biology</i> , 2019, 431, 732-747.	2.0	18
20	Statistical force-field for structural modeling using chemical cross-linking/mass spectrometry distance constraints. <i>Bioinformatics</i> , 2019, 35, 3005-3012.	1.8	13
21	Evaluation of some effects on plant metabolism through proteins and enzymes in transgenic and non-transgenic soybeans after cultivation with silver nanoparticles. <i>Journal of Proteomics</i> , 2019, 191, 88-106.	1.2	26
22	Revealing the interaction mode of the highly flexible Sorghum bicolor Hsp70/Hsp90 organizing protein (Hop): A conserved carboxylate clamp confers high affinity binding to Hsp90. <i>Journal of Proteomics</i> , 2019, 191, 191-201.	1.2	2
23	Integrative mass spectrometry strategy for fingerprinting and tentative structural characterization of asphaltenes. <i>Fuel</i> , 2018, 220, 717-724.	3.4	10
24	Enhancing protein fold determination by exploring the complementary information of chemical cross-linking and coevolutionary signals. <i>Bioinformatics</i> , 2018, 34, 2201-2208.	1.8	13
25	Characterization of homodimer interfaces with cross-linking mass spectrometry and isotopically labeled proteins. <i>Nature Protocols</i> , 2018, 13, 431-458.	5.5	47
26	XPLex: An Effective, Multiplex Cross-Linking Chemistry for Acidic Residues. <i>Analytical Chemistry</i> , 2018, 90, 6043-6050.	3.2	18
27	Heteropolyacid-Containing Ionic Liquid-Catalyzed Multicomponent Synthesis of Bridgehead Nitrogen Heterocycles: Mechanisms and Mitochondrial Staining. <i>Journal of Organic Chemistry</i> , 2018, 83, 4044-4053.	1.7	61
28	Low Bioavailability and High Immunogenicity of a New Brand of E. coli l-Asparaginase with Active Host Contaminating Proteins. <i>EBioMedicine</i> , 2018, 30, 158-166.	2.7	31
29	Is the formation of N-heterocyclic carbenes (NHCs) a feasible mechanism for the distillation of imidazolium ionic liquids?. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24716-24725.	1.3	4
30	Combined Role of the Asymmetric Counteranion-Directed Catalysis (ACDC) and Ionic Liquid Effect for the Enantioselective Biginelli Multicomponent Reaction. <i>Journal of Organic Chemistry</i> , 2018, 83, 12143-12153.	1.7	49
31	Ovarian environment aging: follicular fluid lipidomic and related metabolic pathways. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1385-1393.	1.2	28
32	Structural basis of exo- $\beta$ -mannanase activity in the GH2 family. <i>Journal of Biological Chemistry</i> , 2018, 293, 13636-13649.	1.6	16
33	The mechanism by which a distinguishing arabinofuranosidase can cope with internal di-substitutions in arabinoxylans. <i>Biotechnology for Biofuels</i> , 2018, 11, 223.	6.2	29
34	DIA is not a new mass spectrometry acquisition method. <i>Proteomics</i> , 2017, 17, 1700017.	1.3	11
35	Evaluation of genetically modified <i>Arabidopsis thaliana</i> through metallomic and enzymatic approaches focusing on mass spectrometry-based platforms. <i>International Journal of Mass Spectrometry</i> , 2017, 418, 6-14.	0.7	6
36	Crystal Structure and Regulation of the Citrus Pol III Repressor MAF1 by Auxin and Phosphorylation. <i>Structure</i> , 2017, 25, 1360-1370.e4.	1.6	22

#	ARTICLE	IF	CITATIONS
37	Interferon-gamma activity is potentiated by an intracellular peptide derived from the human 19S ATPase regulatory subunit 4 of the proteasome. <i>Journal of Proteomics</i> , 2017, 151, 74-82.	1.2	15
38	Crystal structure of the human Tip41 orthologue, TIPRL, reveals a novel fold and a binding site for the PP2Ac C-terminus. <i>Scientific Reports</i> , 2016, 6, 30813.	1.6	14
39	Heat Shock Protein 90 kDa (Hsp90) Has a Second Functional Interaction Site with the Mitochondrial Import Receptor Tom70. <i>Journal of Biological Chemistry</i> , 2016, 291, 18620-18631.	1.6	32
40	Fullerene separation and identification by traveling wave ion mobility mass spectrometry in laser desorption processes during asphaltene analysis. <i>Journal of Mass Spectrometry</i> , 2016, 51, 254-256.	0.7	6
41	An Evaluation of the Crystal Structure of C-terminal Truncated Apolipoprotein A-I in Solution Reveals Structural Dynamics Related to Lipid Binding. <i>Journal of Biological Chemistry</i> , 2016, 291, 5439-5451.	1.6	16
42	Scaffold proteins LACK and TRACK as potential drug targets in kinetoplastid parasites: Development of inhibitors. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2016, 6, 74-84.	1.4	10
43	[des-Arg 1]-Proctolin: A novel NEP-like enzyme inhibitor identified in <i>Tityus serrulatus</i> venom. <i>Peptides</i> , 2016, 80, 18-24.	1.2	9
44	Primary Structure of a Trypsin Inhibitor ( <i>Copaifera langsdorffii</i> Trypsin Inhibitor-1) Obtained from <i>C. langsdorffii</i> Seeds. <i>Journal of Biomolecular Techniques</i> , 2015, 26, 90-102.	0.8	2
45	The Biginelli reaction under batch and continuous flow conditions: catalysis, mechanism and antitumoral activity. <i>RSC Advances</i> , 2015, 5, 48506-48515.	1.7	51
46	SIM-XL: A powerful and user-friendly tool for peptide cross-linking analysis. <i>Journal of Proteomics</i> , 2015, 129, 51-55.	1.2	73
47	Chemotactic signal transduction and phosphate metabolism as adaptive strategies during citrus canker induction by <i>Xanthomonas citri</i> . <i>Functional and Integrative Genomics</i> , 2015, 15, 197-210.	1.4	39
48	Chemical and spectroscopic characterizations, ESI-QTOF mass spectrometric measurements and DFT studies of new complexes of palladium(II) with tryptamine and mefenamic acid. <i>Journal of Molecular Structure</i> , 2015, 1100, 6-13.	1.8	15
49	Evaluation of proteome alterations induced by cadmium stress in sunflower ( <i>Helianthus annuus</i> L.) cultures. <i>Ecotoxicology and Environmental Safety</i> , 2015, 119, 170-177.	2.9	40
50	Conformational dynamics of $\alpha$ -synuclein: insights from mass spectrometry. <i>Analyst</i> , The, 2015, 140, 3070-3081.	1.7	41
51	Chiral Platinum(II) Complexes Featuring Phosphine and Chloroquine Ligands as Cytotoxic and Monofunctional DNA-Binding Agents. <i>Inorganic Chemistry</i> , 2015, 54, 11709-11720.	1.9	65
52	Anxiogenic-like effects induced by hemopressin in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 129, 7-13.	1.3	29
53	Metal ions bound to the human milk immunoglobulin A: Metalloproteomic approach. <i>Food Chemistry</i> , 2015, 166, 492-497.	4.2	12
54	Neurolysin Knockout Mice Generation and Initial Phenotype Characterization. <i>Journal of Biological Chemistry</i> , 2014, 289, 15426-15440.	1.6	41

#	ARTICLE	IF	CITATIONS
55	Comparative proteomic analysis reveals that T3SS, Tfp, and xanthan gum are key factors in initial stages of <i>Citrus sinensis</i> infection by <i>Xanthomonas citri</i> subsp. <i>citri</i> . <i>Functional and Integrative Genomics</i> , 2014, 14, 205-217.	1.4	30
56	Peptidomic analysis of the neurolysin-knockout mouse brain. <i>Journal of Proteomics</i> , 2014, 111, 238-248.	1.2	25
57	Facts, Presumptions, and Myths on the Solvent-Free and Catalyst-Free Biginelli Reaction. What is Catalysis for?. <i>Journal of Organic Chemistry</i> , 2014, 79, 3383-3397.	1.7	82
58	$\beta$ -crystallin interacts with and prevents stress-activated proteolysis of focal adhesion kinase by calpain in cardiomyocytes. <i>Nature Communications</i> , 2014, 5, 5159.	5.8	34
59	Hyaluronidase Alters the Lipid Profile of <i>Cumulus</i> Cells as Detected by MALDI-TOF MS and Multivariate Analysis. <i>Lipids</i> , 2014, 49, 957-962.	0.7	3
60	Effects of Cadmium and Copper Biosorption on <i>Chlorella vulgaris</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2014, 93, 405-409.	1.3	18
61	Metabolic profiling by ultra-performance liquid chromatography-mass spectrometry and parallel factor analysis for the determination of disease biomarkers in <i>Eucalyptus</i> . <i>Metabolomics</i> , 2014, 10, 1318-1325.	1.4	10
62	MALDI-TOF Fingerprinting of Seminal Plasma Lipids in the Study of Human Male Infertility. <i>Lipids</i> , 2014, 49, 943-956.	0.7	15
63	Imidate-Based Cross-Linkers for Structural Proteomics: Increased Charge of Protein and Peptide Ions and CID and ECD Fragmentation Studies. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1181-1191.	1.2	8
64	A new platinum complex with tryptophan: Synthesis, structural characterization, DFT studies and biological assays in vitro over human tumorigenic cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 122, 209-215.	2.0	10
65	A Novel Intracellular Peptide Derived from G1/S Cyclin D2 Induces Cell Death. <i>Journal of Biological Chemistry</i> , 2014, 289, 16711-16726.	1.6	42
66	Structural and functional characterization of the chaperone Hsp70 from sugarcane. Insights into conformational changes during cycling from cross-linking/mass spectrometry assays. <i>Journal of Proteomics</i> , 2014, 104, 48-56.	1.2	14
67	Ion mobility spectrometry focusing on speciation analysis of metals/metalloids bound to carbonic anhydrase. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7653-7660.	1.9	8
68	Antioxidant, antimicrobial activities and characterization of phenolic compounds from buriti ( <i>Mauritia flexuosa</i> L. f.) by UPLC-ESI-MS/MS. <i>Food Research International</i> , 2013, 51, 467-473.	2.9	170
69	Conformational and functional studies of a cytosolic 90 kDa heat shock protein Hsp90 from sugarcane. <i>Plant Physiology and Biochemistry</i> , 2013, 68, 16-22.	2.8	13
70	Lipid profiling of follicular fluid from women undergoing IVF: Young poor ovarian responders versus normal responders. <i>Human Fertility</i> , 2013, 16, 269-277.	0.7	30
71	A silver complex with tryptophan: Synthesis, structural characterization, DFT studies and antibacterial and antitumor assays in vitro. <i>Journal of Molecular Structure</i> , 2013, 1031, 125-131.	1.8	33
72	Insights into scorpion venom peptides: Alternative processing of $\beta$ -KTx propeptide from <i>Tityus serrulatus</i> venom results in a new naturally occurring thimet oligopeptidase inhibitor. <i>Peptides</i> , 2013, 40, 30-33.	1.2	5

#	ARTICLE	IF	CITATIONS
73	Changes in the seminal plasma proteome of adolescents before and after varicocelelectomy. <i>Fertility and Sterility</i> , 2013, 100, 667-672.	0.5	36
74	The Biginelli Reaction with an Imidazolium-Tagged Recyclable Iron Catalyst: Kinetics, Mechanism, and Antitumoral Activity. <i>Chemistry - A European Journal</i> , 2013, 19, 4156-4168.	1.7	109
75	Probing deep into the interaction of a fluorescent chalcone derivative and bovine serum albumin (BSA): an experimental and computational study. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4764.	1.5	31
76	Ionic Liquid Effect over the Biginelli Reaction under Homogeneous and Heterogeneous Catalysis. <i>ACS Catalysis</i> , 2013, 3, 1420-1430.	5.5	81
77	Proteomic analysis of follicular fluid from women with and without endometriosis: New therapeutic targets and biomarkers. <i>Molecular Reproduction and Development</i> , 2013, 80, 441-450.	1.0	30
78	Sample preparation focusing on plant proteomics: extraction, evaluation and identification of proteins from sunflower seeds. <i>Analytical Methods</i> , 2013, 5, 116-123.	1.3	7
79	Differentially Delayed Root Proteome Responses to Salt Stress in Sugar Cane Varieties. <i>Journal of Proteome Research</i> , 2013, 12, 5681-5695.	1.8	37
80	A new label-free approach for the determination of reaction rates in oxidative footprinting experiments. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7679-7686.	1.9	2
81	Alterations of the Intracellular Peptidome in Response to the Proteasome Inhibitor Bortezomib. <i>PLoS ONE</i> , 2013, 8, e53263.	1.1	72
82	Effect of smoking on the functional aspects of sperm and seminal plasma protein profiles in patients with varicocele. <i>Human Reproduction</i> , 2012, 27, 3140-3149.	0.4	59
83	Redox Control of 20S Proteasome Gating. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 1183-1194.	2.5	82
84	Corrole isomers: intrinsic gas-phase shapes via traveling wave ion mobility mass spectrometry and dissociation chemistries via tandem mass spectrometry. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8396.	1.5	20
85	Mechanistic Studies on Lewis Acid Catalyzed Biginelli Reactions in Ionic Liquids: Evidence for the Reactive Intermediates and the Role of the Reagents. <i>Journal of Organic Chemistry</i> , 2012, 77, 10184-10193.	1.7	90
86	Iron Complex with Ionic Tag-Catalyzed Olefin Reduction under Oxidative Conditions: A Different Reaction for Iron. <i>ChemSusChem</i> , 2012, 5, 2383-2389.	3.6	21
87	Natural intracellular peptides can modulate the interactions of mouse brain proteins and thimet oligopeptidase with $14\text{-}\beta$ and calmodulin. <i>Proteomics</i> , 2012, 12, 2641-2655.	1.3	38
88	The follicular microenvironment as a predictor of pregnancy: MALDI-TOF MS lipid profile in cumulus cells. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 1289-1297.	1.2	30
89	Inhibition of thimet oligopeptidase by siRNA alters specific intracellular peptides and potentiates isoproterenol signal transduction. <i>FEBS Letters</i> , 2012, 586, 3287-3292.	1.3	23
90	A binuclear silver complex with l-buthionine sulfoximine: synthesis, spectroscopic characterization, DFT studies and antibacterial assays. <i>RSC Advances</i> , 2012, 2, 10372.	1.7	13

#	ARTICLE	IF	CITATIONS
91	Analysis of secondary structure in proteins by chemical cross-linking coupled to MS. <i>Proteomics</i> , 2012, 12, 2746-2752.	1.3	13
92	Improving metallomics information related to transgenic and non-transgenic soybean seeds using 2D-HPLC-ICP-MS and ESI-MS/MS. <i>Metallomics</i> , 2012, 4, 373.	1.0	22
93	Peptidomic Analysis of HEK293T Cells: Effect of the Proteasome Inhibitor Epoxomicin on Intracellular Peptides. <i>Journal of Proteome Research</i> , 2012, 11, 1981-1990.	1.8	55
94	FERM domain interaction with myosin negatively regulates FAK in cardiomyocyte hypertrophy. <i>Nature Chemical Biology</i> , 2012, 8, 102-110.	3.9	16
95	Identification of intracellular peptides in rat adipose tissue: Insights into insulin resistance. <i>Proteomics</i> , 2012, 12, 2668-2681.	1.3	44
96	Ionically Tagged Iron Complex-Catalyzed Epoxidation of Olefins in Imidazolium-Based Ionic Liquids. <i>ChemSusChem</i> , 2012, 5, 716-726.	3.6	42
97	Synthesis, spectroscopic characterization, DFT studies and antibacterial assays of a novel silver(I) complex with the anti-inflammatory nimesulide. <i>Polyhedron</i> , 2012, 36, 112-119.	1.0	40
98	Proteomic analysis of banana fruit reveals proteins that are differentially accumulated during ripening. <i>Postharvest Biology and Technology</i> , 2012, 70, 51-58.	2.9	63
99	The Cysteine-Rich Protein Thimet Oligopeptidase as a Model of the Structural Requirements for S-glutathiolation and Oxidative Oligomerization. <i>PLoS ONE</i> , 2012, 7, e39408.	1.1	13
100	Ion mobility mass spectrometry: an elegant alternative focusing on speciation studies. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 201-206.	1.6	14
101	Catalytic Aminolysis (Amide Formation) from Esters and Carboxylic Acids: Mechanism, Enhanced Ionic Liquid Effect, and its Origin. <i>ChemCatChem</i> , 2011, 3, 1911-1920.	1.8	28
102	IRMPD and ECD fragmentation of intermolecular cross-linked peptides. <i>Journal of Mass Spectrometry</i> , 2011, 46, 262-268.	0.7	6
103	Fragmentation features of intermolecular cross-linked peptides using N-hydroxy-succinimide esters by MALDI and ESI-MS/MS for use in structural proteomics. <i>Journal of Mass Spectrometry</i> , 2011, 46, 742-750.	0.7	15
104	Simultaneous extraction and analysis by high performance liquid chromatography coupled to diode array and mass spectrometric detectors of bixin and phenolic compounds from annatto seeds. <i>Journal of Chromatography A</i> , 2011, 1218, 57-63.	1.8	52
105	Nomenclaturas de espectrometria de massas em língua portuguesa. <i>Quimica Nova</i> , 2011, 34, 1875-1887.	0.3	7
106	Hemoglobin-derived Peptides as Novel Type of Bioactive Signaling Molecules. <i>AAPS Journal</i> , 2010, 12, 658-669.	2.2	102
107	Similar Intracellular Peptide Profile of TAP1/Î²2 Microglobulin Double-Knockout Mice and C57BL/6 Wild-Type Mice as Revealed by Peptidomic Analysis. <i>AAPS Journal</i> , 2010, 12, 608-616.	2.2	18
108	A ditryptophan cross-link is responsible for the covalent dimerization of human superoxide dismutase 1 during its bicarbonate-dependent peroxidase activity. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1046-1053.	1.3	54



#	ARTICLE	IF	CITATIONS
109	Chemical cross-linking with a diazirine photoactivatable cross-linker investigated by MALDI and ESI-MS/MS. <i>Journal of Mass Spectrometry</i> , 2010, 45, 892-899.	0.7	64
110	Traveling-wave ion mobility mass spectrometry analysis of isomeric modified peptides arising from chemical cross-linking. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 2062-2069.	1.2	21
111	On the use of 2,1,3-benzothiadiazole derivatives as selective live cell fluorescence imaging probes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6001-6007.	1.0	56
112	Identification of Cross-Linked Peptides by High-Resolution Precursor Ion Scan. <i>Analytical Chemistry</i> , 2010, 82, 909-916.	3.2	25
113	Evaluation of sample preparation protocols for proteomic analysis of sunflower leaves. <i>Talanta</i> , 2010, 80, 1545-1551.	2.9	24
114	Single embryo and oocyte lipid fingerprinting by mass spectrometry. <i>Journal of Lipid Research</i> , 2010, 51, 1218-1227.	2.0	109
115	Collision-induced dissociation of lys-lys intramolecular crosslinked peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 557-566.	1.2	21
116	Spectroscopic characterization of the tumor antigen NY-REN-21 and identification of heterodimer formation with SCAND1. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 260-268.	1.0	35
117	Characterization of the human ortholog of Mov34 reveals eight N-terminal residues important for MPN domain stability. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 608-615.	1.0	5
118	Structural Insights into Enzyme-Substrate Interaction and Characterization of Enzymatic Intermediates of Organic Hydroperoxide Resistance Protein from <i>Xylella fastidiosa</i> . <i>Journal of Molecular Biology</i> , 2006, 359, 433-445.	2.0	32
119	Electrospray ionization mass spectrometry analysis of polyisoprenoid alcohols via Li <sup>+</sup> cationization. <i>Analytical Biochemistry</i> , 2006, 355, 189-200.	1.1	21
120	Distonoid ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 1014-1022.	1.2	33
121	Identification and Characterization of a Proteolysis-Resistant Fragment Containing the PCI Domain in the <i>Arabidopsis thaliana</i> INT6/eIF3e Translation Factor. <i>Cell Biochemistry and Biophysics</i> , 2006, 44, 522-529.	0.9	0
122	Formal gas-phase polar [4 + 1+] cycloaddition of ionized methylene to $\hat{1}\pm$ -dicarbonyl compounds: synthesis of 2-unsubstituted 1,3-dioxoles. <i>Journal of Mass Spectrometry</i> , 2006, 41, 735-740.	0.7	2
123	The Methylerythritol Phosphate Pathway Is Functionally Active in All Intraerythrocytic Stages of <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 51749-51759.	1.6	116
124	Identification of three proteins that associate in vitro with the <i>Leishmania (Leishmania) amazonensis</i> G-rich telomeric strand. <i>FEBS Journal</i> , 2004, 271, 3050-3063.	0.2	22
125	Electrospray mass and tandem mass spectrometry of homologous and isomeric singly, doubly, triply and quadruply charged cationic ruthenated-meso-(phenyl)m-(meta- and para-pyridyl) <sub>n</sub> (m + n = 4) macrocyclic porphyrin complexes. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1161-1167.	0.7	32
126	Gaseous Supramolecules of Imidazolium Ionic Liquids: ?Magic? Numbers and Intrinsic Strengths of Hydrogen Bonds. <i>Chemistry - A European Journal</i> , 2004, 10, 6187-6193.	1.7	239



#	ARTICLE	IF	CITATIONS
127	On the identification of ionic species of neutral halogen dimers, monomers and pincer type palladacycles in solution by electrospray mass and tandem mass spectrometry. <i>Inorganica Chimica Acta</i> , 2004, 357, 2349-2357.	1.2	28
128	Intrinsic Reactivity of Gaseous Halocarboocations toward Model Aromatic Compounds. <i>Journal of Physical Chemistry A</i> , 2004, 108, 7009-7020.	1.1	19
129	Pentavalent organoantimonial derivatives: two simple and efficient synthetic methods for meglumine antimonate. <i>Applied Organometallic Chemistry</i> , 2003, 17, 226-231.	1.7	31
130	Regioselectivity in Aromatic Claisen Rearrangements. <i>Journal of Organic Chemistry</i> , 2003, 68, 5493-5499.	1.7	60
131	Novel Natural Peptide Substrates for Endopeptidase 24.15, Neurolysin, and Angiotensin-converting Enzyme. <i>Journal of Biological Chemistry</i> , 2003, 278, 8547-8555.	1.6	142
132	Chiral Transmission between Amino Acids: Chirally Selective Amino Acid Substitution in the Serine Octamer as a Possible Step in Homochirogenesis. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1721-1724.	7.2	117
133	Chiroselective Self-Directed Octamerization of Serine: Implications for Homochirogenesis. <i>Analytical Chemistry</i> , 2001, 73, 3646-3655.	3.2	236
134	Serine octamer metaclusters: formation, structure elucidation and implications for homochiral polymerization. <i>Chemical Communications</i> , 2001, , 1854-1855.	2.2	55
135	Mass Spectrometric Quantitation of Chiral Drugs by the Kinetic Method. <i>Analytical Chemistry</i> , 2001, 73, 1692-1698.	3.2	160
136	Primary and secondary kinetic isotope effects in proton (H <sup>+</sup> /D <sup>+</sup> ) and chloronium ion ( <sup>35</sup> Cl <sup>+</sup> / <sup>37</sup> Cl <sup>+</sup> ) affinities. <i>Journal of Mass Spectrometry</i> , 2001, 36, 1140-1148.	0.7	23
137	The First Nonclassical Distonic Ion. <i>Journal of the American Chemical Society</i> , 2000, 122, 7776-7780.	6.6	16
138	Gaseous SF <sub>3</sub> <sup>+</sup> : An Efficient Electrophilic Monofluorinating Agent for Five-Membered Heteroaromatic Compounds. <i>Journal of Organic Chemistry</i> , 2000, 65, 3920-3925.	1.7	31
139	Structural Characterization of Clusters Formed from Alkyl Nitriles and the Methyl Cation. <i>Journal of Physical Chemistry A</i> , 2000, 104, 11290-11296.	1.1	9
140	2-Pyridyl and 2-Pyrimidyl Cations: Stable Hetarynium Ions in the Gas Phase. <i>Journal of Organic Chemistry</i> , 1999, 64, 2188-2193.	1.7	24
141	Synthesis of B- and P-Heterocycles by Reaction of Cyclic Acetals and Ketals with Borinium and Phosphonium Ions. <i>Journal of Organic Chemistry</i> , 1999, 64, 3213-3223.	1.7	29
142	Locating the Charge Site in Heteroaromatic Cations. <i>Chemistry - A European Journal</i> , 1998, 4, 1161-1168.	1.7	39
143	The Simplest Azabutadienes in Their N-Protonated Forms. Generation, Stability, and Cycloaddition Reactivity in the Gas Phase. <i>Journal of Organic Chemistry</i> , 1998, 63, 4889-4897.	1.7	26
144	Transacetalization with Acylium Ions. A Structurally Diagnostic Ion/Molecule Reaction for Cyclic Acetals and Ketals in the Gas Phase. <i>Journal of Organic Chemistry</i> , 1997, 62, 5096-5103.	1.7	58

#	ARTICLE	IF	CITATIONS
145	Novel [3 + 2] 1,3-Cycloaddition of the Ionized Carbonyl Ylide +CH <sub>2</sub> OCH <sub>2</sub> with Carbonyl Compounds in the Gas Phase. <i>Journal of the American Chemical Society</i> , 1997, 119, 3550-3557.	6.6	28
146	Sulfur trifluoride cation (SF <sub>3</sub> <sup>+</sup> ) affinities of pyridines determined by the kinetic method: Stereoelectronic effects in the gas phase. <i>Journal of the American Society for Mass Spectrometry</i> , 1997, 8, 68-75.	1.2	23
147	Stereoelectronic effects in phosphorus dichloride cation/pyridine complexes. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1997, 163, 89-99.	1.9	15
148	Multiple stage pentaquadrupole mass spectrometry for generation and characterization of gas-phase ionic species. The case of the PyC <sub>2</sub> H <sub>5</sub> + <sup>+</sup> isomers. <i>Journal of the American Society for Mass Spectrometry</i> , 1996, 7, 1126-1137.	1.2	33
149	Relative carbonyl isocyanate cation [OCNCO] <sup>+</sup> affinities of pyridines determined by the kinetic method using multiple-stage (MS <sub>3</sub> ) mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1995, 30, 807-816.	0.7	45
150	The isomers of ionized dimethyl sulfoxide (C <sub>2</sub> H <sub>6</sub> OS <sup>+</sup> ) and their CH <sub>3</sub> OS <sup>+</sup> fragments. Anab initio and multiple-stage mass spectrometric (MS <sub>n</sub> ) study. <i>Journal of Mass Spectrometry</i> , 1995, 30, 1553-1561.	0.7	19
151	The ionized methylene transfer from the distonic radical cation CH-O-CH to heterocyclic compounds. A pentaquadrupole mass spectrometric study. <i>Journal of the American Society for Mass Spectrometry</i> , 1995, 6, 554-563.	1.2	25
152	Using SIM-XL to identify and annotate cross-linked peptides analyzed by mass spectrometry. <i>Protocol Exchange</i> , 0, , .	0.3	4