

Roberta Seraglia

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,241
citations

430874

18
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1380
citing authors

#	ARTICLE	IF	CITATIONS
1	Glyoxal and Methylglyoxal Levels in Diabetic Patients: Quantitative Determination by a New GC/MS Method. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003, 41, 1166-73.	2.3	238
2	Enzymatic digestion and mass spectrometry in the study of advanced glycation end products/peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 496-509.	2.8	150
3	The role of mass spectrometry in the study of nonenzymatic protein glycation in diabetes: An update. <i>Mass Spectrometry Reviews</i> , 2006, 25, 775-797.	5.4	97
4	Matrix-assisted laser desorption/ionization mass spectrometry, enzymatic digestion, and molecular modeling in the study of nonenzymatic glycation of IgG. <i>Journal of the American Society for Mass Spectrometry</i> , 2000, 11, 153-159.	2.8	72
5	Putative Pancreatic Cancer-Associated Diabetogenic Factor: 2030 MW Peptide. <i>Pancreas</i> , 2002, 24, 8-14.	1.1	67
6	Atmospheric pressure photoionization mechanisms. 2. The case of benzene and toluene. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2423-2429.	1.5	67
7	Highly Efficient Catalytic System for the CO/Styrene Copolymerization: Toward the Stabilization of the Active Species. <i>Organometallics</i> , 2000, 19, 3435-3441.	2.3	65
8	Atmospheric pressure photoionization mechanisms. <i>International Journal of Mass Spectrometry</i> , 2003, 228, 841-849.	1.5	51
9	Advanced glycation end products: a highly complex set of biologically relevant compounds detected by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2001, 36, 370-378.	1.6	47
10	Evaluation of IgG glycation levels by matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1342-1346.	1.5	45
11	Mono- and Dinuclear Bioxazoline-Palladium Complexes for the Stereocontrolled Synthesis of CO/Styrene Polyketones. <i>Chemistry - A European Journal</i> , 2005, 11, 6014-6023.	3.3	43
12	Accurate mass measurements by Fourier transform mass spectrometry in the study of advanced glycation end products/peptides. <i>Journal of Mass Spectrometry</i> , 2003, 38, 196-205.	1.6	37
13	Comprehensive analysis of glycated human serum albumin tryptic peptides by off-line liquid chromatography followed by MALDI analysis on a time-of-flight/curved field reflectron tandem mass spectrometer. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1179-1185.	1.6	35
14	A Highly Specific Method for the Characterization of Glycation and Glyco-oxidation Products of Globins. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 613-617.	1.5	33
15	Pancreatic cancer biomarkers discovery by surface-enhanced laser desorption and ionization time-of-flight mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 713-23.	2.3	31
16	The In Vitro Glycation of Lysozyme and the Influence of Buffer Concentration Investigated by Mass Spectrometry. <i>Journal of Mass Spectrometry</i> , 1996, 10, 1512-1518.		24
17	Palladium-Promoted Carbon Monoxide/Ethylene/Styrene Terpolymerization Reaction: Throwing Light on the Different Reactivity of the Two Alkenes. <i>Helvetica Chimica Acta</i> , 2006, 89, 1752-1771.	1.6	21
18	Application of Chiral Amine-Imine Ligands in Palladium-Catalyzed Polyketone Synthesis: Effect of Ligand Backbone on the Polymer Stereochemistry. <i>Organometallics</i> , 2009, 28, 4464-4474.	2.3	21

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19	MALDI-TOF Mass Spectrometry in the Study of CO/Aromatic Olefins Terpolymers. <i>Macromolecules</i> , 2003, 36, 6295-6297.	4.8	20
20	Nonenzymatically Glycated Lipoprotein ApoB in Plasma of Diabetic and Nephropathic Patients. <i>Annals of the New York Academy of Sciences</i> , 2008, 1126, 295-299.	3.8	19
21	Advanced glycation end-products/peptides: a preliminary investigation by LC and LC/MS. <i>Il Farmaco</i> , 2002, 57, 845-852.	0.9	14
22	Off-line liquid chromatography-MALDI by with various matrices and tandem mass spectrometry for analysis of glycated human serum albumin tryptic peptides. <i>Molecular Nutrition and Food Research</i> , 2007, 51, 456-461.	3.3	14
23	Classification of green coffee beans by differences in protein composition obtained by matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 140-148.	1.5	10
24	Maldi-TOF analysis of portal sera of pancreatic cancer patients: identification of diabetogenic and antidiabetogenic peptides. <i>Clinica Chimica Acta</i> , 2004, 343, 119-127.	1.1	9
25	On the photochemical oxidation of benzene and its relevance at environmental level. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 257-260.	1.5	6
26	In vitro chronic glycation induces AGEs accumulation reducing insulin-stimulated glucose uptake and increasing GLP1R in adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E976-E988.	3.5	5