

Tamara Martinovic

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,204
citations

304743

22
h-index

214800

47
g-index

60
all docs

60
docs citations

60
times ranked

2751
citing authors

#	ARTICLE	IF	CITATIONS
1	High Throughput Isolation and Glycosylation Analysis of IgGâ€™s Variability and Heritability of the IgG Glycome in Three Isolated Human Populations. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.010090.	3.8	443
2	Construction of Large-Volume Monolithic Columns. <i>Analytical Chemistry</i> , 2000, 72, 5693-5699.	6.5	153
3	High-performance membrane chromatography of serum and plasma membrane proteins. <i>Journal of Chromatography A</i> , 1992, 590, 59-76.	3.7	135
4	Foodborne pathogens and their toxins. <i>Journal of Proteomics</i> , 2016, 147, 226-235.	2.4	122
5	Mammalian plasma membrane proteomics. <i>Proteomics</i> , 2007, 7, 3010-3029.	2.2	116
6	Application of Compact Porous Disks for Fast Separations of Biopolymers and In-Process Control in Biotechnology. <i>Analytical Chemistry</i> , 1996, 68, 3483-3488.	6.5	109
7	Application of monoliths as supports for affinity chromatography and fast enzymatic conversion. <i>Journal of Proteomics</i> , 2001, 49, 153-174.	2.4	101
8	Use of monolithic supports in proteomics technology. <i>Journal of Chromatography A</i> , 2007, 1144, 2-13.	3.7	88
9	Application of Membranes and Compact, Porous Units for the Separation of Biopolymers. <i>Industrial & Engineering Chemistry Research</i> , 1999, 38, 333-342.	3.7	82
10	Proteomic characterization of inter-alpha inhibitor proteins from human plasma. <i>Proteomics</i> , 2006, 6, 2874-2885.	2.2	72
11	Use of selective extraction and fast chromatographic separation combined with electrophoretic methods for mapping of membrane proteins. <i>Electrophoresis</i> , 2005, 26, 2809-2822.	2.4	47
12	Secretome Analysis of an Osteogenic Prostate Tumor Identifies Complex Signaling Networks Mediating Cross-talk of Cancer and Stromal Cells Within the Tumor Microenvironment. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 471-483.	3.8	47
13	Foodomics and Food Safety: Where We Are. <i>Food Technology and Biotechnology</i> , 2017, 55, 290-307.	2.1	42
14	Mass spectrometry based proteomics as foodomics tool in research and assurance of food quality and safety. <i>Trends in Food Science and Technology</i> , 2018, 77, 100-119.	15.1	42
15	Application of proteomics and metabolomics for investigation of food toxins. <i>Food Research International</i> , 2013, 54, 1042-1051.	6.2	41
16	Manufacturing of a Prothrombin Complex Concentrate Aiming at Low Thrombogenicity. <i>Thrombosis Research</i> , 2000, 100, 433-441.	1.7	39
17	Use of short monolithic columns for isolation of low abundance membrane proteins. <i>Journal of Chromatography A</i> , 2006, 1123, 199-204.	3.7	33
18	Application of proteomics in biotechnology â€™s Microbial proteomics. <i>Biotechnology Journal</i> , 2008, 3, 496-509.	3.5	29

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19	Sample displacement chromatography as a method for purification of proteins and peptides from complex mixtures. <i>Journal of Chromatography A</i> , 2012, 1239, 1-9.	3.7	28
20	Foodomics for investigations of food toxins. <i>Current Opinion in Food Science</i> , 2015, 4, 86-91.	8.0	28
21	Omics methods as a tool for investigation of food allergies. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 96, 107-115.	11.4	25
22	Mass Spectrometry-Based Analysis of Rat Liver and Hepatocellular Carcinoma Morris Hepatoma 7777 Plasma Membrane Proteome. <i>Analytical Chemistry</i> , 2013, 85, 8112-8120.	6.5	24
23	High-performance liquid chromatographic methods for antibodies, glycosidases and membrane proteins. <i>Journal of Chromatography A</i> , 1986, 353, 13-18.	3.7	23
24	Reversed-Phase High Performance Liquid Chromatography of Proteins. <i>Current Protocols in Protein Science</i> , 2010, 61, Unit 8.7.	2.8	23
25	Glycosylation and metastases. <i>Electrophoresis</i> , 2019, 40, 140-150.	2.4	22
26	SELDI-TOF as a method for biomarker discovery in the urine of aristolochic acid-treated mice. <i>Electrophoresis</i> , 2009, 30, 1168-1174.	2.4	21
27	Protease inhibitors as possible pitfalls in proteomic analyses of complex biological samples. <i>Journal of Proteomics</i> , 2011, 74, 935-941.	2.4	19
28	Do we understand the personalized medicine paradigm?. <i>EMBO Reports</i> , 2015, 16, 133-136.	4.5	19
29	Synthesis, characterisation and in vitro investigation of photodynamic activity of 5-(4-octadecanamidophenyl)-10,15,20-tris(N-methylpyridinium-3-yl)porphyrin trichloride on HeLa cells using low light fluence rate. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 15, 115-126.	2.6	17
30	Use of Foodomics for Control of Food Processing and Assessing of Food Safety. <i>Advances in Food and Nutrition Research</i> , 2017, 81, 187-229.	3.0	17
31	Sample preparation in foodomic analyses. <i>Electrophoresis</i> , 2018, 39, 1527-1542.	2.4	17
32	Biofilm formation and extracellular microvesicles – The way of foodborne pathogens toward resistance. <i>Electrophoresis</i> , 2020, 41, 1718-1739.	2.4	16
33	Separation of proteins from human plasma by sample displacement chromatography in hydrophobic interaction mode. <i>Electrophoresis</i> , 2012, 33, 1842-1849.	2.4	14
34	Sample preparation and further proteomic investigation of the inhibitory activity of pyridinium oximes to Gram-positive and Gram-negative food pathogens. <i>Food Research International</i> , 2013, 51, 46-52.	6.2	14
35	Foodomic investigations of food allergies. <i>Current Opinion in Food Science</i> , 2015, 4, 92-98.	8.0	14
36	One-pot click synthesis of 1,2,3-triazole-embedded unsaturated uracil derivatives and hybrids of 1,5- and 2,5-disubstituted tetrazoles and pyrimidines. <i>Tetrahedron Letters</i> , 2015, 56, 1222-1228.	1.4	13

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37	Novel halogenated 3-deazapurine, 7-deazapurine and alkylated 9-deazapurine derivatives of l-ascorbic or imino-l-ascorbic acid: Synthesis, antitumour and antiviral activity evaluations. <i>European Journal of Medicinal Chemistry</i> , 2015, 102, 288-302.	5.5	13
38	IgG and IgM glycosylation patterns in patients undergoing image-guided tumor ablation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1786-1794.	2.4	13
39	Membrane proteins as diagnostic biomarkers and targets for new therapies. <i>Current Opinion in Molecular Therapeutics</i> , 2008, 10, 116-23.	2.8	13
40	Polymethacrylate-based monoliths as stationary phases for separation of biopolymers and immobilization of enzymes. <i>Electrophoresis</i> , 2017, 38, 2821-2826.	2.4	11
41	Antioxidative and antiproliferative activities of novel pyrido[1,2-a]benzimidazoles. <i>Molecular Diversity</i> , 2017, 21, 201-210.	3.9	10
42	The Novel [4,5-e][1,3]Diazepine-4,8-dione and Acyclic Carbamoyl Imino-Ureido Derivatives of Imidazole: Synthesis, Anti-Viral and Anti-Tumor Activity Evaluations. <i>Molecules</i> , 2013, 18, 13385-13397.	3.8	8
43	Proteomic analysis of food borne pathogens following the mode of action of the disinfectants based on pyridoxal oxime derivatives. <i>Food Research International</i> , 2017, 99, 560-570.	6.2	8
44	Affinity chromatography on monolithic supports for simultaneous and high-throughput isolation of immunoglobulins from human serum. <i>Electrophoresis</i> , 2017, 38, 2909-2913.	2.4	7
45	Proteomic analysis of pyridoxal oxime derivatives treated <i>Listeria monocytogenes</i> reveals down-regulation of the main virulence factor, Listeriolysin O. <i>Food Research International</i> , 2020, 131, 108951.	6.2	7
46	High-throughput fractionation of human plasma for fast enrichment of low- and high-abundance proteins. <i>Blood Transfusion</i> , 2012, 10 Suppl 2, s89-100.	0.4	4
47	Detection of Microbial Toxins by -Omics Methods. , 2017, , 485-506.		3
48	Food Authenticity and Safety in China: What about the Western World?. <i>Peptidomics</i> , 2014, 1, .	0.3	2
49	Increased yield of enzymatic synthesis by chromatographic selection of different glycoforms of yeast invertase. <i>Electrophoresis</i> , 2020, 42, 2626-2636.	2.4	2
50	Salt-tolerant cation exchanger-containing sulfate groups as a viable alternative for mixed-mode type and heparin-based affinity resins. <i>Biotechnology Journal</i> , 2021, 16, 2100100.	3.5	2
51	Changes in the proteome of extracellular vesicles shed by rat liver after subtoxic exposure to acetaminophen. <i>Electrophoresis</i> , 2021, 42, 1388-1398.	2.4	1
52	Food Borne Bacterial Pathogens and Food Safety – An Outlook. , 2021, , 3-13.		1
53	The Role of Proteomics in Personalized Medicine. <i>Europeanization and Globalization</i> , 2016, , 179-218.	0.1	1
54	Patient-Physician Relationship in Personalized Medicine. <i>Europeanization and Globalization</i> , 2019, , 217-226.	0.1	1

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55	Liver proteomics. Methods and protocols. Methods in Molecular Biology, 2012, 909, v-vi.	0.9	1
56	Data set of proteomic analysis of food borne pathogens after treatment with the disinfectants based on pyridoxal oxime derivatives. Data in Brief, 2017, 15, 738-741.	1.0	0
57	Soft agar-based selection of spontaneously transformed rat prostate epithelial cells with highly tumorigenic characteristics. Experimental and Molecular Pathology, 2018, 105, 89-97.	2.1	0
58	Microvesicle Mediated Genetic Phenotype Modulation.. Blood, 2009, 114, 4509-4509.	1.4	0