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List of Publications by Year
in descending order

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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	Changes in the proteome of extracellular vesicles shed by rat liver after subtoxic exposure to acetaminophen. Electrophoresis, 2021, 42, 1388-1398.	2.4	1
2	Saltâ€tolerant cation exchangerâ€containing sulfate groups as a viable alternative for mixedâ€mode type and heparinâ€based affinity resins. Biotechnology Journal, 2021, 16, 2100100.	3.5	2
3	Food Borne Bacterial Pathogens and Food Safety â€“ An Outlook. , 2021, , 3-13.		1
4	Proteomic analysis of pyridoxal oxime derivatives treated Listeria monocytogenes reveals down-regulation of the main virulence factor, Listeriolysin O. Food Research International, 2020, 131, 108951.	6.2	7
5	Increased yield of enzymatic synthesis by chromatographic selection of differentNâ€glycoforms of yeast invertase. Electrophoresis, 2020, 42, 2626-2636.	2.4	2
6	Biofilm formation and extracellular microvesiclesâ€”The way of foodborne pathogens toward resistance. Electrophoresis, 2020, 41, 1718-1739.	2.4	16
7	Glycosylation and metastases. Electrophoresis, 2019, 40, 140-150.	2.4	22
8	Patient-Physician Relationship in Personalized Medicine. Europeanization and Globalization, 2019, , 217-226.	0.1	1
9	Sample preparation in foodomic analyses. Electrophoresis, 2018, 39, 1527-1542.	2.4	17
10	Mass spectrometry based proteomics as foodomics tool in research and assurance of food quality and safety. Trends in Food Science and Technology, 2018, 77, 100-119.	15.1	42
11	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
12	Use of Foodomics for Control of Food Processing and Assessing of Food Safety. Advances in Food and Nutrition Research, 2017, 81, 187-229.	3.0	17
13	Proteomic analysis of food borne pathogens following the mode of action of the disinfectants based on pyridoxal oxime derivatives. Food Research International, 2017, 99, 560-570.	6.2	8
14	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
15	Affinity chromatography on monolithic supports for simultaneous and highâ€throughput isolation of immunoglobulins from human serum. Electrophoresis, 2017, 38, 2909-2913.	2.4	7
16	Omics methods as a tool for investigation of food allergies. TrAC - Trends in Analytical Chemistry, 2017, 96, 107-115.	11.4	25
17	Polymethacrylateâ€based monoliths as stationary phases for separation of biopolymers and immobilization of enzymes. Electrophoresis, 2017, 38, 2821-2826.	2.4	11
18	Antioxidative and antiproliferative activities of novel pyrido[1,2-a]benzimidazoles. Molecular Diversity, 2017, 21, 201-210.	3.9	10

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19	Foodomics and Food Safety: Where We Are. Food Technology and Biotechnology, 2017, 55, 290-307.	2.1	42
20	Detection of Microbial Toxins by -Omics Methods. , 2017, , 485-506.		3
21	Foodborne pathogens and their toxins. Journal of Proteomics, 2016, 147, 226-235.	2.4	122
22	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. Photodiagnosis and Photodynamic Therapy, 2016, 15, 115-126.	2.6	17
23	IgG and IgM glycosylation patterns in patients undergoing image-guided tumor ablation. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 1786-1794.	2.4	13
24	The Role of Proteomics in Personalized Medicine. Europeanization and Globalization, 2016, , 179-218.	0.1	1
25	Do we understand the personalized medicine paradigm?. EMBO Reports, 2015, 16, 133-136.	4.5	19
26	Foodomics for investigations of food toxins. Current Opinion in Food Science, 2015, 4, 86-91.	8.0	28
27	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. Tetrahedron Letters, 2015, 56, 1222-1228.	1.4	13
28	Foodomic investigations of food allergies. Current Opinion in Food Science, 2015, 4, 92-98.	8.0	14
29	Secretome Analysis of an Osteogenic Prostate Tumor Identifies Complex Signaling Networks Mediating Cross-talk of Cancer and Stromal Cells Within the Tumor Microenvironment. Molecular and Cellular Proteomics, 2015, 14, 471-483.	3.8	47
30	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. European Journal of Medicinal Chemistry, 2015, 102, 288-302.	5.5	13
31	Food Authenticity and Safety in China: What about the Western World?. Peptidomics, 2014, 1, .	0.3	2
32	Application of proteomics and metabolomics for investigation of food toxins. Food Research International, 2013, 54, 1042-1051.	6.2	41
33	Sample preparation and further proteomic investigation of the inhibitory activity of pyridinium oximes to Gram-positive and Gram-negative food pathogens. Food Research International, 2013, 51, 46-52.	6.2	14
34	Mass Spectrometry-Based Analysis of Rat Liver and Hepatocellular Carcinoma Morris Hepatoma 7777 Plasma Membrane Proteome. Analytical Chemistry, 2013, 85, 8112-8120.	6.5	24
35	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. Molecules, 2013, 18, 13385-13397.	3.8	8
36	Separation of proteins from human plasma by sample displacement chromatography in hydrophobic interaction mode. Electrophoresis, 2012, 33, 1842-1849.	2.4	14

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37	Sample displacement chromatography as a method for purification of proteins and peptides from complex mixtures. Journal of Chromatography A, 2012, 1239, 1-9.	3.7	28
38	High-throughput fractionation of human plasma for fast enrichment of low- and high-abundance proteins. Blood Transfusion, 2012, 10 Suppl 2, s89-100.	0.4	4
39	Liver proteomics. Methods and protocols. Methods in Molecular Biology, 2012, 909, v-vi.	0.9	1
40	High Throughput Isolation and Glycosylation Analysis of IgGâ€“Variability and Heritability of the IgG Glycome in Three Isolated Human Populations. Molecular and Cellular Proteomics, 2011, 10, M111.010090.	3.8	443
41	Protease inhibitors as possible pitfalls in proteomic analyses of complex biological samples. Journal of Proteomics, 2011, 74, 935-941.	2.4	19
42	Reversedâ€Phase High Performance Liquid Chromatography of Proteins. Current Protocols in Protein Science, 2010, 61, Unit 8.7.	2.8	23
43	SELDIâ€TOF as a method for biomarker discovery in the urine of aristolochicâ€acidâ€treated mice. Electrophoresis, 2009, 30, 1168-1174.	2.4	21
44	Microvesicle Mediated Genetic Phenotype Modulation.. Blood, 2009, 114, 4509-4509.	1.4	0
45	Application of proteomics in biotechnology â€“ Microbial proteomics. Biotechnology Journal, 2008, 3, 496-509.	3.5	29
46	Membrane proteins as diagnostic biomarkers and targets for new therapies. Current Opinion in Molecular Therapeutics, 2008, 10, 116-23.	2.8	13
47	Use of monolithic supports in proteomics technology. Journal of Chromatography A, 2007, 1144, 2-13.	3.7	88
48	Mammalian plasma membrane proteomics. Proteomics, 2007, 7, 3010-3029.	2.2	116
49	Proteomic characterization of inter-alpha inhibitor proteins from human plasma. Proteomics, 2006, 6, 2874-2885.	2.2	72
50	Use of short monolithic columns for isolation of low abundance membrane proteins. Journal of Chromatography A, 2006, 1123, 199-204.	3.7	33
51	Use of selective extraction and fast chromatographic separation combined with electrophoretic methods for mapping of membrane proteins. Electrophoresis, 2005, 26, 2809-2822.	2.4	47
52	Application of monoliths as supports for affinity chromatography and fast enzymatic conversion. Journal of Proteomics, 2001, 49, 153-174.	2.4	101
53	Manufacturing of a Prothrombin Complex Concentrate Aiming at Low Thrombogenicity. Thrombosis Research, 2000, 100, 433-441.	1.7	39
54	Construction of Large-Volume Monolithic Columns. Analytical Chemistry, 2000, 72, 5693-5699.	6.5	153

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55	Application of Membranes and Compact, Porous Units for the Separation of Biopolymers. Industrial & Engineering Chemistry Research, 1999, 38, 333-342.	3.7	82
56	Application of Compact Porous Disks for Fast Separations of Biopolymers and In-Process Control in Biotechnology. Analytical Chemistry, 1996, 68, 3483-3488.	6.5	109
57	High-performance membrane chromatography of serum and plasma membrane proteins. Journal of Chromatography A, 1992, 590, 59-76.	3.7	135
58	High-performance liquid chromatographic methods for antibodies, glycosidases and membrane proteins. Journal of Chromatography A, 1986, 353, 13-18.	3.7	23