

Brian M Balgley

List of Publications by Year in descending order

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38
papers

2,968
citations

212478

28
h-index

371746

37
g-index

42
all docs

42
docs citations

42
times ranked

5028
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic Changes in Mouse Spleen after Radiation-Induced Injury and its Modulation by Gamma-Tocotrienol. <i>Radiation Research</i> , 2018, 190, 449.	0.7	24
2	Identification of factors that function in <i>Drosophila</i> salivary gland cell death during development using proteomics. <i>Cell Death and Differentiation</i> , 2013, 20, 218-225.	5.0	12
3	Intrinsic indicators for specimen degradation. <i>Laboratory Investigation</i> , 2013, 93, 242-253.	1.7	7
4	CNTF receptor subunit β as a marker for glioma tumor-initiating cells and tumor grade. <i>Journal of Neurosurgery</i> , 2012, 117, 1022-1031.	0.9	33
5	Targeted Tissue Proteomic Analysis of Human Astrocytomas. <i>Journal of Proteome Research</i> , 2012, 11, 3937-3946.	1.8	24
6	Control of the senescence-associated secretory phenotype by NF- κ B promotes senescence and enhances chemosensitivity. <i>Genes and Development</i> , 2011, 25, 2125-2136.	2.7	720
7	Oncoproteomic Analysis Reveals Co-Upregulation of RELA and STAT5 in Carboplatin Resistant Ovarian Carcinoma. <i>PLoS ONE</i> , 2010, 5, e11198.	1.1	79
8	Recent advances in capillary electrophoresis-based proteomic techniques for biomarker discovery. <i>Electrophoresis</i> , 2009, 30, 3998-4007.	1.3	29
9	Comparison of multidimensional shotgun technologies targeting tissue proteomics. <i>Electrophoresis</i> , 2009, 30, 4063-4070.	1.3	31
10	Systematic comparison of the human saliva and plasma proteomes. <i>Proteomics - Clinical Applications</i> , 2009, 3, 116-134.	0.8	186
11	Evaluation of Archival Time on Shotgun Proteomics of Formalin-Fixed and Paraffin-Embedded Tissues. <i>Journal of Proteome Research</i> , 2009, 8, 917-925.	1.8	65
12	Capillary Isoelectric Focusing/Reversed Phase Liquid Chromatography/Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2009, 492, 233-240.	0.4	5
13	Application of capillary isotachopheresis-based multidimensional separations coupled with electrospray ionization-tandem mass spectrometry for characterization of mouse brain mitochondrial proteome. <i>Electrophoresis</i> , 2008, 29, 2215-2223.	1.3	33
14	Evaluation of confidence and reproducibility in quantitative proteomics performed by a capillary isoelectric focusing-based proteomic platform coupled with a spectral counting approach. <i>Electrophoresis</i> , 2008, 29, 3047-3054.	1.3	25
15	Human Proteinpedia enables sharing of human protein data. <i>Nature Biotechnology</i> , 2008, 26, 164-167.	9.4	155
16	Antigen Retrieval for Proteomic Characterization of Formalin-Fixed and Paraffin-Embedded Tissues. <i>Journal of Proteome Research</i> , 2008, 7, 1098-1108.	1.8	70
17	Differential expression of the regulated catecholamine secretory pathway in different hereditary forms of pheochromocytoma. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1223-E1233.	1.8	66
18	Identification of a novel proliferation-related protein, WHSC1 4a, in human gliomas. <i>Neuro-Oncology</i> , 2008, 10, 45-51.	0.6	38

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19	Mass spectrometry-based tissue proteomics for cancer biomarker discovery. <i>Personalized Medicine</i> , 2007, 4, 45-58.	0.8	5
20	Proteome Analysis of Microdissected Formalin-fixed and Paraffin-embedded Tissue Specimens. <i>Journal of Histochemistry and Cytochemistry</i> , 2007, 55, 763-772.	1.3	134
21	Comparative Evaluation of Tandem MS Search Algorithms Using a Target-Decoy Search Strategy. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1599-1608.	2.5	130
22	Membrane Proteome Analysis of Microdissected Ovarian Tumor Tissues Using Capillary Isoelectric Focusing/Reversed-Phase Liquid Chromatography-Tandem MS. <i>Analytical Chemistry</i> , 2007, 79, 1002-1009.	3.2	55
23	Comparison of Electrokinetics-Based Multidimensional Separations Coupled with Electrospray Ionization-Tandem Mass Spectrometry for Characterization of Human Salivary Proteins. <i>Analytical Chemistry</i> , 2007, 79, 5785-5792.	3.2	68
24	Comprehensive yeast proteome analysis using a capillary isoelectric focusing-based multidimensional separation platform coupled with ESI-MS/MS. <i>Proteomics</i> , 2007, 7, 1178-1187.	1.3	36
25	Proteomic analysis of steroid-triggered autophagic programmed cell death during <i>Drosophila</i> development. <i>Cell Death and Differentiation</i> , 2007, 14, 916-923.	5.0	35
26	Characterization of the Human Salivary Proteome by Capillary Isoelectric Focusing/Nanoreversed-Phase Liquid Chromatography Coupled with ESI-Tandem MS. <i>Journal of Proteome Research</i> , 2006, 5, 1469-1478.	1.8	145
27	Selective enrichment and ultrasensitive identification of trace peptides in proteome analysis using transient capillary isotachopheresis/zone electrophoresis coupled with nano-ESI-MS. <i>Electrophoresis</i> , 2006, 27, 3599-3608.	1.3	48
28	Capillary separations enabling tissue proteomics-based biomarker discovery. <i>Electrophoresis</i> , 2006, 27, 3523-3532.	1.3	28
29	Protein Extraction from Formalin-fixed, Paraffin-embedded Tissue Sections: Quality Evaluation by Mass Spectrometry. <i>Journal of Histochemistry and Cytochemistry</i> , 2006, 54, 739-743.	1.3	222
30	Effects of chromatography conditions on intact protein separations for top-down proteomics. <i>Journal of Chromatography A</i> , 2005, 1073, 35-41.	1.8	36
31	Electrospray interfacing of polymer microfluidics to MALDI-MS. <i>Electrophoresis</i> , 2005, 26, 3631-3640.	1.3	37
32	Tissue proteomics using capillary isoelectric focusing-based multidimensional separations. <i>Expert Review of Proteomics</i> , 2005, 2, 659-667.	1.3	16
33	Integrated Capillary Isoelectric Focusing/Nano-reversed Phase Liquid Chromatography Coupled with ESI-MS for Characterization of Intact Yeast Proteins. <i>Journal of Proteome Research</i> , 2005, 4, 36-42.	1.8	37
34	Large Scale Analysis of MASCOT Results Using a Mass Accuracy-Based Threshold (MATH) Effectively Improves Data Interpretation. <i>Journal of Proteome Research</i> , 2005, 4, 1353-1360.	1.8	35
35	Proteome Analysis of Microdissected Tumor Tissue Using a Capillary Isoelectric Focusing-Based Multidimensional Separation Platform Coupled with ESI-Tandem MS. <i>Analytical Chemistry</i> , 2005, 77, 6549-6556.	3.2	94
36	Capillary Isoelectric Focusing-Based Multidimensional Concentration/Separation Platform for Proteome Analysis. <i>Analytical Chemistry</i> , 2003, 75, 3145-3152.	3.2	138

#	ARTICLE	IF	CITATIONS
37	Utilizing Renewable Resources To Create Functional Polymers: A Chitosan-Based Associative Thickener. Environmental Science & Technology, 2002, 36, 3446-3454.	4.6	64
38	Proteomic and Mass Spectrometric Analyses of Formalin-Fixed Paraffin-Embedded Tissue. , 0, , 119-130.		0