

Vitor Marcel Faa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74
papers

3,162
citations

27
h-index

56
g-index

74
ext. papers

3,427
ext. citations

6.2
avg, IF

4.71
L-index

#	Paper	IF	Citations
74	Mining the plasma proteome for cancer biomarkers. <i>Nature</i> , 2008 , 452, 571-9	50.4	690
73	A mouse to human search for plasma proteome changes associated with pancreatic tumor development. <i>PLoS Medicine</i> , 2008 , 5, e123	11.6	209
72	Computational Proteomics Analysis System (CPAS): an extensible, open-source analytic system for evaluating and publishing proteomic data and high throughput biological experiments. <i>Journal of Proteome Research</i> , 2006 , 5, 112-21	5.6	183
71	Elafin is a biomarker of graft-versus-host disease of the skin. <i>Science Translational Medicine</i> , 2010 , 2, 13ra27.5	7.5	177
70	Contribution of protein fractionation to depth of analysis of the serum and plasma proteomes. <i>Journal of Proteome Research</i> , 2007 , 6, 3558-65	5.6	144
69	Lung cancer signatures in plasma based on proteome profiling of mouse tumor models. <i>Cancer Cell</i> , 2011 , 20, 289-99	24.3	138
68	Human Proteinpedia enables sharing of human protein data. <i>Nature Biotechnology</i> , 2008 , 26, 164-7	44.5	138
67	Targets of the tumor suppressor miR-200 in regulation of the epithelial-mesenchymal transition in cancer. <i>Cancer Research</i> , 2011 , 71, 7670-82	10.1	113
66	Quantitative analysis of acrylamide labeled serum proteins by LC-MS/MS. <i>Journal of Proteome Research</i> , 2006 , 5, 2009-18	5.6	106
65	Proteomic analysis of ovarian cancer cells reveals dynamic processes of protein secretion and shedding of extra-cellular domains. <i>PLoS ONE</i> , 2008 , 3, e2425	3.7	105
64	Comparative study of SPR and ELISA methods based on analysis of CD166/ALCAM levels in cancer and control human sera. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 2143-8	11.8	70
63	The analgesic activity of crostamine, a neurotoxin from <i>Crotalus durissus terrificus</i> (South American rattlesnake) venom: a biochemical and pharmacological study. <i>Toxicon</i> , 1998 , 36, 1927-37	2.8	69
62	Mining the plasma proteome for disease applications across seven logs of protein abundance. <i>Journal of Proteome Research</i> , 2011 , 10, 46-50	5.6	58
61	Brain-specific proteins decline in the cerebrospinal fluid of humans with Huntington disease. <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 451-66	7.6	56
60	Plasma proteome profiling of a mouse model of breast cancer identifies a set of up-regulated proteins in common with human breast cancer cells. <i>Journal of Proteome Research</i> , 2008 , 7, 1481-9	5.6	51
59	Changes in the proteomic profile during differentiation and maturation of human monocyte-derived dendritic cells stimulated with granulocyte macrophage colony stimulating factor/interleukin-4 and lipopolysaccharide. <i>Proteomics</i> , 2005 , 5, 1186-98	4.8	50
58	Precursor-ion mass re-estimation improves peptide identification on hybrid instruments. <i>Journal of Proteome Research</i> , 2008 , 7, 4031-9	5.6	49

57	Integrated proteomic analysis of human cancer cells and plasma from tumor bearing mice for ovarian cancer biomarker discovery. <i>PLoS ONE</i> , 2009 , 4, e7916	3.7	48
56	In-depth proteomics to define the cell surface and secretome of ovarian cancer cells and processes of protein shedding. <i>Cancer Research</i> , 2009 , 69, 728-30	10.1	48
55	Comprehensive proteome analysis of an Apc mouse model uncovers proteins associated with intestinal tumorigenesis. <i>Cancer Prevention Research</i> , 2009 , 2, 224-33	3.2	45
54	Isolation, purification, and physicochemical characterization of a D-galactose-binding lectin from seeds of <i>Erythrina speciosa</i> . <i>Archives of Biochemistry and Biophysics</i> , 2003 , 410, 222-9	4.1	40
53	Proteomic Analysis of Epithelial to Mesenchymal Transition (EMT) Reveals Cross-talk between SNAIL and HDAC1 Proteins in Breast Cancer Cells. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 906-17	7.6	32
52	Proteomic analysis of ovarian cancer cells during epithelial-mesenchymal transition (EMT) induced by epidermal growth factor (EGF) reveals mechanisms of cell cycle control. <i>Journal of Proteomics</i> , 2017 , 151, 2-11	3.9	31
51	Refolding and purification of Bothropstoxin-I, a Lys49-phospholipase A2 homologue, expressed as inclusion bodies in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2001 , 21, 134-40	2	30
50	Deubiquitination of phosphoribosyl-ubiquitin conjugates by phosphodiesterase-domain-containing effectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 23518-23526	11.5	29
49	A proteomic signature of ovarian cancer tumor fluid identified by highthroughput and verified by targeted proteomics. <i>Journal of Proteomics</i> , 2016 , 145, 226-236	3.9	29
48	Isolation of two plant proteinases in latex from <i>Carica candamarcensis</i> acting as mitogens for mammalian cells. <i>Planta Medica</i> , 2005 , 71, 244-8	3.1	27
47	Innovative proteomic approaches for cancer biomarker discovery. <i>BioTechniques</i> , 2007 , 43, 279, 281-3, 285	2.5	26
46	A quantitative proteomic and transcriptomic comparison of human mesenchymal stem cells from bone marrow and umbilical cord vein. <i>Proteomics</i> , 2012 , 12, 2607-17	4.8	25
45	Efficient constitutive expression of <i>Bacillus subtilis</i> xylanase A in <i>Escherichia coli</i> DH5alpha under the control of the <i>Bacillus</i> BsXA promoter. <i>Biotechnology and Applied Biochemistry</i> , 2006 , 43, 9-15	2.8	25
44	Linker for activation of T-cell family member2 (LAT2) a lipid raft adaptor protein for AKT signaling, is an early mediator of alkylphospholipid anti-leukemic activity. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, 1898-912	7.6	22
43	Amino acid sequence and tertiary structure of <i>Cratylia mollis</i> seed lectin. <i>Glycobiology</i> , 2003 , 13, 961-72	5.8	22
42	Purification, some properties of a D-galactose-binding leaf lectin from <i>Erythrina indica</i> and further characterization of seed lectin. <i>Biochimie</i> , 2002 , 84, 1035-43	4.6	22
41	Endothelial Cells Tissue-Specific Origins Affects Their Responsiveness to TGF- β during Endothelial-to-Mesenchymal Transition. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	20
40	Preliminary functional characterization, cloning and primary sequence of Fastuosain, a cysteine peptidase isolated from fruits of <i>Bromelia fastuosa</i> . <i>Protein and Peptide Letters</i> , 2006 , 13, 83-9	1.9	19

39	Cloning and expression of an acidic platelet aggregation inhibitor phospholipase A2 cDNA from <i>Bothrops jararacussu</i> venom gland. <i>Protein Expression and Purification</i> , 2004 , 37, 102-8	2	15
38	Impact of protein stability, cellular localization, and abundance on proteomic detection of tumor-derived proteins in plasma. <i>PLoS ONE</i> , 2011 , 6, e23090	3.7	14
37	Proteomics analysis reveals the role of ubiquitin specific protease (USP47) in Epithelial to Mesenchymal Transition (EMT) induced by TGF β in breast cells. <i>Journal of Proteomics</i> , 2020 , 219, 103734	3.9	13
36	DSP30 enhances the immunosuppressive properties of mesenchymal stromal cells and protects their suppressive potential from lipopolysaccharide effects: A potential role of adenosine. <i>Cytotherapy</i> , 2016 , 18, 846-59	4.8	13
35	Comprehensive profiling of the cell surface proteome of Sy5Y neuroblastoma cells yields a subset of proteins associated with tumor differentiation. <i>Journal of Proteome Research</i> , 2009 , 8, 3791-6	5.6	13
34	The contribution and perspectives of proteomics to uncover ovarian cancer tumor markers. <i>Translational Research</i> , 2019 , 206, 71-90	11	13
33	Human mesenchymal stromal cell proteomics: contribution for identification of new markers and targets for medicine intervention. <i>Expert Review of Proteomics</i> , 2012 , 9, 217-30	4.2	11
32	Differential Gel Electrophoresis (DIGE) Evaluation of Naphthoimidazoles Mode of Action: A Study in <i>Trypanosoma cruzi</i> Bloodstream Trypomastigotes. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004951	4.8	11
31	SK-HEP cells and lentiviral vector for production of human recombinant factor VIII. <i>Biotechnology Letters</i> , 2012 , 34, 1435-43	3	10
30	Focused screening reveals functional effects of microRNAs differentially expressed in colorectal cancer. <i>BMC Cancer</i> , 2019 , 19, 1239	4.8	10
29	DIA is not a new mass spectrometry acquisition method. <i>Proteomics</i> , 2017 , 17, 1700017	4.8	9
28	Proteomic Identification and Time-Course Monitoring of Secreted Proteins During Expansion of Human Mesenchymal Stem/Stromal in Stirred-Tank Bioreactor. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 154	5.8	9
27	High-content screen in human pluripotent cells identifies miRNA-regulated pathways controlling pluripotency and differentiation. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 202	8.3	8
26	Low molecular weight squash trypsin inhibitors from <i>Sechium edule</i> seeds. <i>Phytochemistry</i> , 2006 , 67, 362-70	4	8
25	A proteomics outlook towards the elucidation of epithelial-mesenchymal transition molecular events. <i>Molecular Omics</i> , 2019 , 15, 316-330	4.4	7
24	Proteomic global profiling for cancer biomarker discovery. <i>Methods in Molecular Biology</i> , 2009 , 492, 309-20	20	7
23	One-Week High-Intensity Interval Training Increases Hippocampal Plasticity and Mitochondrial Content without Changes in Redox State. <i>Antioxidants</i> , 2020 , 9,	7.1	6
22	Quantitative proteomic profiling identifies protein correlates to EGFR kinase inhibition. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 1071-81	6.1	6

21	A High-Content Screening Approach to Identify MicroRNAs Against Head and Neck Cancer Cell Survival and EMT in an Inflammatory Microenvironment. <i>Frontiers in Oncology</i> , 2019 , 9, 1100	5.3	5
20	Isoform analysis of LC-MS/MS data from multidimensional fractionation of the serum proteome. <i>Journal of Proteome Research</i> , 2008 , 7, 2546-52	5.6	5
19	Production of human factor VIII-FL in 293T cells using the bicistronic MGMT(P140K)-retroviral vector. <i>Genetics and Molecular Research</i> , 2012 , 11, 775-89	1.2	4
18	Proteomic Analysis of Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2016 , 1416, 509-19	1.4	4
17	NTAL is associated with treatment outcome, cell proliferation and differentiation in acute promyelocytic leukemia. <i>Scientific Reports</i> , 2020 , 10, 10315	4.9	3
16	Inhibition of Aurora kinase A activity enhances the antitumor response of beta-catenin blockade in human adrenocortical cancer cells. <i>Molecular and Cellular Endocrinology</i> , 2021 , 528, 111243	4.4	3
15	The highly efficient powerhouse in the Wistar audiogenic rat, an epileptic rat strain. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 316, R243-R254	3.2	3
14	The lipid raft protein NTAL participates in AKT signaling in mantle cell lymphoma. <i>Leukemia and Lymphoma</i> , 2019 , 60, 2658-2668	1.9	2
13	Computational Proteomics Analysis System (CPAS): An Extensible, Open-Source Analytic System for Evaluating and Publishing Proteomic Data and High Throughput Biological Experiments. <i>Journal of Proteome Research</i> , 2006 , 5, 1024-1024	5.6	2
12	In-depth quantitative proteomics for pancreatic cancer biomarker discovery. <i>Expert Opinion on Medical Diagnostics</i> , 2007 , 1, 81-9		1
11	Human and mouse melanoma cells recapitulate an EMT-like program in response to mesenchymal stromal cells secretome. <i>Cancer Letters</i> , 2021 , 501, 114-123	9.9	1
10	The Interplay Between the Transcriptomics and Proteomics Profiles 2022 , 187-208		0
9	Quantification of Coagulation Factor VIII by Selective Reaction Monitoring. <i>Methods in Molecular Biology</i> , 2018 , 1674, 275-282	1.4	
8	Application of Proteomics to Disease Diagnostics 2010 , 285-291		
7	IGF1R-IRS1/2 Pharmacological Inhibitors Act By Distinct Cellular and Molecular Mechanisms and Reveals Vulnerabilities for Treatment of Acute Myeloid Leukemia. <i>Blood</i> , 2021 , 138, 1869-1869	2.2	
6	IGF1R-IRS1/2 Signaling Pathway Is a Potential Target for FLT3-Mutated Acute Myeloid Leukemia. <i>Blood</i> , 2019 , 134, 2689-2689	2.2	
5	Early Hematopoietic Progenitors of Dkc1 Hypomorphic Mutant Mice Display Decreased Proliferation Rate and an Impaired Control of Serine/Arginine-Rich Splicing Factor 4 (Srsf4) Translation. <i>Blood</i> , 2014 , 124, 2937-2937	2.2	
4	LAT2, a Lipid Raft Protein That Participates in AKT Phosphorylation in Mantle Cell Lymphoma, Is a Target for Perifosine Chemotherapy. <i>Blood</i> , 2014 , 124, 923-923	2.2	

- 3 Elafin Is a Biomarker of Graft Versus Host Disease of the Skin. *Blood*, **2008**, 112, 716-716 2.2
- 2 *Schistosoma mansoni* Heterochromatin Protein 1 (HP1) nuclear interactome in cercariae. *Journal of Proteomics*, **2021**, 239, 104170 3.9
- 1 Insights on a putative aminoacyl-tRNA-protein transferase of *Leishmania major*. *PLoS ONE*, **2018**, 13, e0203369 3.7