

Valdemir M Carvalho

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,665
citations

236925

25
h-index

315739

38
g-index

67
all docs

67
docs citations

67
times ranked

2546
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishing a mass spectrometry-based system for rapid detection of SARS-CoV-2 in large clinical sample cohorts. <i>Nature Communications</i> , 2020, 11, 6201.	12.8	88
2	The coming of age of liquid chromatography coupled to tandem mass spectrometry in the endocrinology laboratory. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 883-884, 50-58.	2.3	76
3	Simultaneous quantitation of seven endogenous C-21 adrenal steroids by liquid chromatography tandem mass spectrometry in human serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 872, 154-161.	2.3	61
4	Differences in the seminal plasma proteome are associated with oxidative stress levels in men with normal semen parameters. <i>Fertility and Sterility</i> , 2015, 104, 292-301.	1.0	60
5	Fragmentation of mycosporine-like amino acids by hydrogen/deuterium exchange and electrospray ionisation tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 253-258.	1.5	58
6	Unraveling the sperm proteome and post-genomic pathways associated with sperm nuclear DNA fragmentation. <i>Journal of Assisted Reproduction and Genetics</i> , 2013, 30, 1187-1202.	2.5	56
7	A theoretical and mass spectrometry study of the fragmentation of mycosporine-like amino acids. <i>International Journal of Mass Spectrometry</i> , 2008, 273, 11-19.	1.5	54
8	Different Donors Mesenchymal Stromal Cells Secretomes Reveal Heterogeneous Profile of Relevance for Therapeutic Use. <i>Stem Cells and Development</i> , 2017, 26, 206-214.	2.1	54
9	Association between the seminal plasma proteome and sperm functional traits. <i>Fertility and Sterility</i> , 2016, 105, 617-628.	1.0	53
10	Mesenchymal stem cells enhance tumorigenic properties of human glioblastoma through independent cell-cell communication mechanisms. <i>Oncotarget</i> , 2018, 9, 24766-24777.	1.8	52
11	Variation of mechanical properties and quantitative proteomics of VSMC along the arterial tree. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H505-H516.	3.2	49
12	Unbiased label-free quantitative proteomic profiling and enriched proteomic pathways in seminal plasma of adult men before and after varicocelelectomy. <i>Human Reproduction</i> , 2013, 28, 33-46.	0.9	48
13	Novel 1,N6-Etheno-2'-deoxyadenosine Adducts from Lipid Peroxidation Products. <i>Chemical Research in Toxicology</i> , 2000, 13, 397-405.	3.3	46
14	Superior discriminating value of ACTH-stimulated serum 21-deoxycortisol in identifying heterozygote carriers for 21-hydroxylase deficiency. <i>Clinical Endocrinology</i> , 2010, 73, 700-706.	2.4	43
15	Metabolomic and lipidomic profile in men with obstructive sleep apnoea: implications for diagnosis and biomarkers of cardiovascular risk. <i>Scientific Reports</i> , 2018, 8, 11270.	3.3	43
16	Analysis of the functional aspects and seminal plasma proteomic profile of sperm from smokers. <i>BJU International</i> , 2016, 118, 814-822.	2.5	42
17	A novel rhythm of microcystin biosynthesis is described in the cyanobacterium <i>Microcystis panniformis</i> Komárjek et al.. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 687-694.	2.1	41
18	Young "Healthy" Smokers Have Functional and Inflammatory Changes in the Nasal and the Lower Airways. <i>Chest</i> , 2014, 145, 998-1005.	0.8	40

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19	Maternal Risk for Down Syndrome Is Modulated by Genes Involved in Folate Metabolism. <i>Disease Markers</i> , 2012, 32, 73-81.	1.3	39
20	Sperm nuclear <scp>DNA</scp> fragmentation rate is associated with differential protein expression and enriched functions in human seminal plasma. <i>BJU International</i> , 2013, 112, 835-843.	2.5	39
21	Use of electrospray tandem mass spectrometry for identification of microcystins during a cyanobacterial bloom event. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 741-746.	2.1	38
22	Determination of testicular function in adolescents with varicocele – a proteomics approach. <i>Andrology</i> , 2016, 4, 447-455.	3.5	37
23	Genetic polymorphisms involved in folate metabolism and concentrations of methylmalonic acid and folate on plasma homocysteine and risk of coronary artery disease. <i>Journal of Thrombosis and Thrombolysis</i> , 2010, 29, 32-40.	2.1	32
24	Follicular fluid alterations in endometriosis: label-free proteomics by MS^E as a functional tool for endometriosis. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 263-276.	2.1	32
25	Analyses of photoprotective compounds in red algae from the Brazilian coast. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 202-208.	1.4	31
26	Maternal risk for Down syndrome is modulated by genes involved in folate metabolism. <i>Disease Markers</i> , 2012, 32, 73-81.	1.3	27
27	Sperm functional aspects and enriched proteomic pathways of seminal plasma of adult men with obesity. <i>Andrology</i> , 2019, 7, 341-349.	3.5	26
28	Determination of serum methylmalonic acid by alkylative extraction and liquid chromatography coupled to tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2008, 381, 67-73.	2.4	23
29	Formation of 1,N6-Etheno-2-â€-deoxyadenosine Adducts by trans,trans-2,4-Decadienal. <i>Chemical Research in Toxicology</i> , 1998, 11, 1042-1047.	3.3	22
30	Determination of cortisol and cortisone in human saliva by a liquid chromatography-tandem mass spectrometry method. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2014, 58, 844-850.	1.3	21
31	Serum lipidomic profiling as a useful tool for screening potential biomarkers of hepatitis B-related hepatocellular carcinoma by ultraperformance liquid chromatography-â€-mass spectrometry. <i>BMC Cancer</i> , 2015, 15, 985.	2.6	21
32	Integrated proteomics and metabolomics analysis reveals differential lipid metabolism in human umbilical vein endothelial cells under high and low shear stress. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C326-C338.	4.6	21
33	Long-term in vivo polychlorinated biphenyl 126 exposure induces oxidative stress and alters proteomic profile on islets of Langerhans. <i>Scientific Reports</i> , 2016, 6, 27882.	3.3	20
34	Molecular pathways of varicocele and its repair – A paired labelled shotgun proteomics approach. <i>Journal of Proteomics</i> , 2019, 196, 22-32.	2.4	20
35	Proteome and miRNome profiling of microvesicles derived from medulloblastoma cell lines with stem-like properties reveals biomarkers of poor prognosis. <i>Brain Research</i> , 2020, 1730, 146646.	2.2	19
36	Effects of CPAP on Metabolic Syndrome in Patients With OSA. <i>Chest</i> , 2022, 161, 1370-1381.	0.8	19

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37	Proteome analysis of acute kidney injury " Discovery of new predominantly renal candidates for biomarker of kidney disease. <i>Journal of Proteomics</i> , 2017, 151, 66-73.	2.4	18
38	Understanding the dynamics of hydroxychloroquine blood levels in lupus nephritis. <i>Lupus</i> , 2020, 29, 560-568.	1.6	18
39	Polymorphism C1420T of Serine hydroxymethyltransferase gene on maternal risk for Down syndrome. <i>Molecular Biology Reports</i> , 2012, 39, 2561-2566.	2.3	16
40	Plasma proteomics for the assessment of acute renal transplant rejection. <i>Life Sciences</i> , 2016, 158, 111-120.	4.3	13
41	Genetic polymorphisms modulate the folate metabolism of Brazilian individuals with Down syndrome. <i>Molecular Biology Reports</i> , 2012, 39, 9277-9284.	2.3	12
42	Improved serological detection of rheumatoid arthritis: a highly antigenic mimotope of carbonic anhydrase III selected in a murine model by phage display. <i>Arthritis Research and Therapy</i> , 2015, 17, 168.	3.5	11
43	Zona fasciculata 21-hydroxysteroids and precursor-to-product ratios in 21-hydroxylase deficiency: further characterization of classic and non-classic patients and heterozygote carriers. <i>Journal of Endocrinological Investigation</i> , 2011, 34, 587-92.	3.3	9
44	Hydroxychloroquine blood levels predicts flare in childhood-onset lupus nephritis. <i>Lupus</i> , 2022, 31, 97-104.	1.6	9
45	Seminal plasma protein networks and enriched functions in varicocele: Effect of smoking. <i>Andrologia</i> , 2020, 52, e13562.	2.1	8
46	The impact of rattlesnake venom on mice cerebellum proteomics points to synaptic inhibition and tissue damage. <i>Journal of Proteomics</i> , 2020, 221, 103779.	2.4	8
47	19-base pair deletion polymorphism of the dihydrofolate reductase (DHFR) gene: maternal risk of Down syndrome and folate metabolism. <i>Sao Paulo Medical Journal</i> , 2010, 128, 215-218.	0.9	7
48	<i>DHFR</i> 19-bp Deletion and <i>SHMT</i> C1420T Polymorphisms and Metabolite Concentrations of the Folate Pathway in Individuals with Down Syndrome. <i>Genetic Testing and Molecular Biomarkers</i> , 2013, 17, 274-277.	0.7	7
49	ADT-G as a promising biomarker for peripheral hyperandrogenism in adult female acne. <i>Dermato-Endocrinology</i> , 2017, 9, e1361571.	1.8	7
50	1,N 6-Etheno-2"™-Deoxyadenosine Adducts from Trans, Trans-2,4-Decadienal and Trans-2-Octenal. <i>Advances in Experimental Medicine and Biology</i> , 2001, 500, 229-232.	1.6	7
51	Daily supplementation with 5 mg of folic acid in Brazilian patients with hereditary spherocytosis. <i>Journal of Investigative Medicine</i> , 2019, 67, 1110-1117.	1.6	6
52	Proteomic analysis reveals rattlesnake venom modulation of proteins associated with cardiac tissue damage in mouse hearts. <i>Journal of Proteomics</i> , 2022, 258, 104530.	2.4	6
53	Reassessment of predictive values of ACTH"stimulated serum 21"deoxycortisol and 17"hydroxyprogesterone to identify CYP21A2 heterozygote carriers and nonclassic subjects. <i>Clinical Endocrinology</i> , 2021, 95, 677-685.	2.4	5
54	Site-specific incorporation of the 1-hexanol-1,N6-etheno-2"™-deoxyadenosine adduct into oligodeoxyribonucleotides. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 2445-2452.	3.0	4

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55	One-carbon metabolism and global DNA methylation in mothers of individuals with Down syndrome. <i>Human Cell</i> , 2021, 34, 1671-1681.	2.7	3
56	Evaluation of Volumetric Absorptive Microsampling and Mass Spectrometry Data-Independent Acquisition of Hemoglobin-Related Clinical Markers. <i>Journal of Proteome Research</i> , 0, , .	3.7	2
57	Improving data quality in liquid chromatography-mass spectrometry metabolomics of human urine. <i>Journal of Chromatography A</i> , 2021, 1654, 462457.	3.7	1
58	Case 4 -A 79-Year-Old Man with Congestive Heart Failure Due to Restrictive Cardiomyopathy. <i>Arquivos Brasileiros De Cardiologia</i> , 2015, 105, 430-9.	0.8	1
59	Proteomic analysis of cerebellum of mice under the effect of <i>Crotalus durissus terrificus</i> venom. <i>Toxicon</i> , 2019, 168, S36.	1.6	0
60	Proteomic insight of seminal plasma in spinal cord injured men submitted to oral probenecid treatment for improved motility. <i>Journal of Spinal Cord Medicine</i> , 2020, , 1-6.	1.4	0
61	Does soy increase blood counts in myelodysplastic syndromes?. <i>Jornal Brasileiro De Patologia E Medicina Laboratorial</i> , 2010, 46, 383-390.	0.3	0