

Frank A Witzmann

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,050
citations

623734

14
h-index

610901

24
g-index

36
all docs

36
docs citations

36
times ranked

1923
citing authors

#	ARTICLE	IF	CITATIONS
1	Excess TGF- β 2 mediates muscle weakness associated with bone metastases in mice. <i>Nature Medicine</i> , 2015, 21, 1262-1271.	30.7	300
2	Multi-walled carbon nanotube exposure alters protein expression in human keratinocytes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2006, 2, 158-168.	3.3	120
3	A proteomic survey of rat cerebral cortical synaptosomes. <i>Proteomics</i> , 2005, 5, 2177-2201.	2.2	97
4	Proximal Tubules Have the Capacity to Regulate Uptake of Albumin. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 482-494.	6.1	67
5	Circulating uromodulin inhibits systemic oxidative stress by inactivating the TRPM2 channel. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	66
6	A Novel Alignment Method and Multiple Filters for Exclusion of Unqualified Peptides To Enhance Label-Free Quantification Using Peptide Intensity in LC-MS/MS. <i>Journal of Proteome Research</i> , 2011, 10, 4799-4812.	3.7	55
7	Pharmacoproteomics in drug development. <i>Pharmacogenomics Journal</i> , 2003, 3, 69-76.	2.0	46
8	Innate differences in protein expression in the nucleus accumbens and hippocampus of inbred alcohol-preferring and -nonpreferring rats. <i>Proteomics</i> , 2003, 3, 1335-1344.	2.2	45
9	Proteomic evaluation of cell preparation methods in primary hepatocyte cell culture. <i>Electrophoresis</i> , 2002, 23, 2223.	2.4	34
10	II. Proteomics: core technologies and applications in physiology. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 282, G735-G741.	3.4	29
11	Label-free proteomic methodology for the analysis of human kidney stone matrix composition. <i>Proteome Science</i> , 2016, 14, 4.	1.7	26
12	Issues and Applications in Label-Free Quantitative Mass Spectrometry. <i>International Journal of Proteomics</i> , 2013, 2013, 1-13.	2.0	23
13	Distinctive and pervasive alterations in aqueous humor protein composition following different types of glaucoma surgery. <i>Molecular Vision</i> , 2015, 21, 911-8.	1.1	23
14	Analysis of rat testicular protein expression following 91-day exposure to JP-8 jet fuel vapor. <i>Proteomics</i> , 2003, 3, 1016-1027.	2.2	21
15	A Precision Medicine Approach Uncovers a Unique Signature of Neutrophils in Patients With Brushite Kidney Stones. <i>Kidney International Reports</i> , 2020, 5, 663-677.	0.8	19
16	Proteomics and Nephrotoxicity. , 2003, 141, 104-123.		16
17	Calcium/calmodulin-dependent protein kinase II regulation of IKs during sustained β 2-adrenergic receptor stimulation. <i>Heart Rhythm</i> , 2018, 15, 895-904.	0.7	14
18	Increasing serum pre-adipocyte factor-1 (Pref-1) correlates with decreased body fat, increased free fatty acids, and level of recent alcohol consumption in excessive alcohol drinkers. <i>Alcohol</i> , 2014, 48, 795-800.	1.7	11

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19	Proteomics and Alcoholism. International Review of Neurobiology, 2004, 61, 189-214.	2.0	10
20	Delineation of Molecular Pathways Involved in Cardiomyopathies Caused by Troponin T Mutations. Molecular and Cellular Proteomics, 2016, 15, 1962-1981.	3.8	9
21	Two-dimensional gels for toxicological drug discovery applications. Expert Opinion on Drug Metabolism and Toxicology, 2006, 2, 103-111.	3.3	7
22	Proteomic Profiling of Hematopoietic Stem/Progenitor Cells after a Whole Body Exposure of CBA/Caj Mice to Titanium (48Ti) Ions. Proteomes, 2015, 3, 132-159.	3.5	6
23	Gels and more gels: probing toxicity. Current Opinion in Molecular Therapeutics, 2004, 6, 608-15.	2.8	2
24	Synaptosomal protein expression in nucleus accumbens after EtOH self-administration in the posterior VTA. FASEB Journal, 2007, 21, A477.	0.5	1
25	Changes in cell function and protein expression of mouse renal principal cells, mpkCCD, after carbon nanoparticle (CNP) exposure. FASEB Journal, 2008, 22, .	0.5	0
26	Renal Proteomics in Rodent Meckel Gruber Syndrome. FASEB Journal, 2009, 23, 739.24.	0.5	0
27	Hepatopancreaticobiliary pathology in the PCK model of ARPKD. FASEB Journal, 2010, 24, 446.13.	0.5	0
28	Protein expression profiling of Caco-2/HT29-MTX co-culture after functionalized carbon nanotube exposure. FASEB Journal, 2011, 25, 863.5.	0.5	0
29	Augmented coronary vasoconstriction to epicardial perivascular adipose tissue in metabolic syndrome. FASEB Journal, 2012, 26, 866.11.	0.5	0
30	Effect of carbon nanotubes on transepithelial resistance in barrier epithelial cells. FASEB Journal, 2012, 26, 868.18.	0.5	0
31	Carbon Nanotube, Nanosilver and Nanoclay Protein Corona Composition in Cell Culture Media. FASEB Journal, 2013, 27, 1212.8.	0.5	0
32	Discovery of Distinct Molecular Pathways Affected in Mild and Severe Troponin T-Related Cardiomyopathies. FASEB Journal, 2015, 29, 1038.14.	0.5	0