Melanie Y. White

List of Publications by Year
in descending order

36 papers	1,560 citations	304368 22 h-index	377514 34 g-index
37 all docs	37 docs citations	37 times ranked	2934 citing authors

#	Article	IF	Citations
1	Multi-omics of a pre-clinical model of diabetic cardiomyopathy reveals increased fatty acid supply impacts mitochondrial metabolic selectivity. Journal of Molecular and Cellular Cardiology, 2022, 164, 92-109.	0.9	4
2	A Global Profile of Reversible and Irreversible Cysteine Redox Post-Translational Modifications During Myocardial Ischemia/Reperfusion Injury and Antioxidant Intervention. Antioxidants and Redox Signaling, 2021, 34, 11-31.	2.5	28
3	Therapeutic Inhibition of Acid-Sensing Ion Channel 1a Recovers Heart Function After Ischemiaâ€“Reperfusion Injury. Circulation, 2021, 144, 947-960.	1.6	40
4	A novel phosphoproteomic landscape evoked in response to type I interferon in the brain and in glial cells. Journal of Neuroinflammation, 2021, 18, 237.	3.1	6
5	Proteomics Reveals Multiple Phenotypes Associated with N-linked Glycosylation in Campylobacter jejuni. Molecular and Cellular Proteomics, 2019, 18, 715-734.	2.5	70
6	Ultrastructure of the liver microcirculation influences hepatic and systemic insulin activity and provides a mechanism for ageâ€related insulin resistance. Aging Cell, 2016, 15, 706-715.	3.0	60
7	Human macrophage cathepsin Î²â€mediated Câ€terminal cleavage of apolipoprotein Î±â€I at Ser²²⁸severely impairs antiatherogenic capacity. FASEB Journal, 2016, 30, 4239-4255.	0.2	17
8	Cellular targets of the myeloperoxidase-derived oxidant hypothiocyanous acid (HOSCN) and its role in the inhibition of glycolysis in macrophages. Free Radical Biology and Medicine, 2016, 94, 88-98.	1.3	33
9	Global Analysis of Myocardial Peptides Containing Cysteines With Irreversible Sulfinic and Sulfonic Acid Post-Translational Modifications. Molecular and Cellular Proteomics, 2015, 14, 609-620.	2.5	34
10	Structural basis for phosphorylation and lysine acetylation cross-talk in a kinase motif associated with myocardial ischemia and cardioprotection.. Journal of Biological Chemistry, 2014, 289, 33875.	1.6	0
11	Therapeutic Inflammatory Monocyte Modulation Using Immune-Modifying Microparticles. Science Translational Medicine, 2014, 6, 219ra7.	5.8	284
12	The role of postâ€translational modifications in acute and chronic cardiovascular disease. Proteomics - Clinical Applications, 2014, 8, 506-521.	0.8	34
13	Structural Basis for Phosphorylation and Lysine Acetylation Cross-talk in a Kinase Motif Associated with Myocardial Ischemia and Cardioprotection. Journal of Biological Chemistry, 2014, 289, 25890-25906.	1.6	48
14	Functional decorations: post-translational modifications and heart disease delineated by targeted proteomics. Genome Medicine, 2013, 5, 20.	3.6	85
15	Secretome of Transmissible Pseudomonas aeruginosa AES-1R Grown in a Cystic Fibrosis Lung-Like Environment. Journal of Proteome Research, 2013, 12, 5357-5369.	1.8	18
16	Large-Scale Capture of Peptides Containing Reversibly Oxidized Cysteines by Thiol-Disulfide Exchange Applied to the Myocardial Redox Proteome. Analytical Chemistry, 2013, 85, 3774-3780.	3.2	33
17	Targeted Proteomics for Determining Phosphorylation Site-Specific Associations in Cardiovascular Disease. Circulation, 2012, 126, 1803-1807.	1.6	6
18	Release of Tissue-specific Proteins into Coronary Perfusate as a Model for Biomarker Discovery in Myocardial Ischemia/Reperfusion Injury. Journal of Proteome Research, 2012, 11, 2114-2126.	1.8	23

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19	Phosphoproteomic Profiling of the Myocyte. Circulation: Cardiovascular Genetics, 2011, 4, 575-575.	5.1	12
20	Parallel Proteomics to Improve Coverage and Confidence in the Partially Annotated Oryctolagus cuniculus Mitochondrial Proteome. Molecular and Cellular Proteomics, 2011, 10, S1-S15.	2.5	27
21	Quantitative N-linked Glycoproteomics of Myocardial Ischemia and Reperfusion Injury Reveals Early Remodeling in the Extracellular Environment. Molecular and Cellular Proteomics, 2011, 10, M110.006833.	2.5	101
22	Preparation of Proteins and Peptides for Mass Spectrometry Analysis in a Bottomâ€Up Proteomics Workflow. Current Protocols in Molecular Biology, 2010, 90, Unit10.25.	2.9	184
23	Alterations to the protein profile of bladder carcinoma cell lines induced by plant extract MINAâ€05 in vitro. Proteomics, 2009, 9, 1883-1892.	1.3	6
24	Assessment of albumin removal from an immunoaffinity spin column: Critical implications for proteomic examination of the albuminome and albuminâ€depleted samples. Proteomics, 2009, 9, 2021-2028.	1.3	64
25	Mitochondria: A mirror into cellular dysfunction in heart disease. Proteomics - Clinical Applications, 2008, 2, 845-861.	0.8	23
26	The Role of Proteomics in Clinical Cardiovascular Biomarker Discovery. Molecular and Cellular Proteomics, 2008, 7, 1824-1837.	2.5	63
27	Statistical Analysis of Image Data Provided by Two-Dimensional Gel Electrophoresis for Discovery Proteomics. Methods in Molecular Medicine, 2008, 141, 271-286.	0.8	3
28	Cardiovascular Proteomics. Molecular Diagnosis and Therapy, 2007, 11, 83-95.	1.6	23
29	Plant-Derived MINA-05 Inhibits Human Prostate Cancer Proliferation In Vitro and Lymph Node Spread In Vivo. Neoplasia, 2007, 9, 322-331.	2.3	7
30	When does a fingerprint constitute a diagnostic?. Lancet, The, 2006, 368, 971-973.	6.3	9
31	Ischemia-specific phosphorylation and myofilament translocation of heat shock protein 27 precedes alpha B-crystallin and occurs independently of reactive oxygen species in rabbit myocardium. Journal of Molecular and Cellular Cardiology, 2006, 40, 761-774.	0.9	37
32	Proteomics of ischemia and reperfusion injuries in rabbit myocardium with and without intervention by an oxygen-free radical scavenger. Proteomics, 2006, 6, 6221-6233.	1.3	31
33	Proteomics of ischemia/reperfusion injury in rabbit myocardium reveals alterations to proteins of essential functional systems. Proteomics, 2005, 5, 1395-1410.	1.3	91
34	11 Isoelectric focusing and proteomics. Separation Science and Technology, 2005, , 247-264.	0.0	1
35	Modifications of myosin-regulatory light chain correlate with function of stunned myocardium. Journal of Molecular and Cellular Cardiology, 2003, 35, 833-840.	0.9	42
36	Duration of ischaemia determines matrix metalloproteinase-2 activation in the reperfused rabbit heart. Proteomics, 2002, 2, 1204-1210.	1.3	13