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	Therapeutic Inflammatory Monocyte Modulation Using Immune-Modifying Microparticles. Science Translational Medicine, 2014, 6, 219ra7.	5.8	284
2	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
3	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
4	Proteomics of ischemia/reperfusion injury in rabbit myocardium reveals alterations to proteins of essential functional systems. Proteomics, 2005, 5, 1395-1410.	1.3	91
5	Functional decorations: post-translational modifications and heart disease delineated by targeted proteomics. Genome Medicine, 2013, 5, 20.	3.6	85
6	Proteomics Reveals Multiple Phenotypes Associated with N-linked Glycosylation in Campylobacter jejuni. Molecular and Cellular Proteomics, 2019, 18, 715-734.	2.5	70
7	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
8	The Role of Proteomics in Clinical Cardiovascular Biomarker Discovery. Molecular and Cellular Proteomics, 2008, 7, 1824-1837.	2.5	63
9	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
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, 25890-25906.	1.6	48
11	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
12	Therapeutic Inhibition of Acid-Sensing Ion Channel 1a Recovers Heart Function After Ischemiaâ€“Reperfusion Injury. Circulation, 2021, 144, 947-960.	1.6	40
13	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
14	The role of postâ€translational modifications in acute and chronic cardiovascular disease. Proteomics - Clinical Applications, 2014, 8, 506-521.	0.8	34
15	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
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	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
18	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

#	Article	IF	Citations
19	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
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	Cardiovascular Proteomics. Molecular Diagnosis and Therapy, 2007, 11, 83-95.	1.6	23
22	Mitochondria: A mirror into cellular dysfunction in heart disease. Proteomics - Clinical Applications, 2008, 2, 845-861.	0.8	23
23	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
24	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
25	Human macrophage cathepsin Î²â€mediated Câ€terminal cleavage of apolipoprotein Î±â€ at Ser²²⁸severely impairs antiatherogenic capacity. FASEB Journal, 2016, 30, 4239-4255.	0.2	17
26	Duration of ischaemia determines matrix metalloproteinase-2 activation in the reperfused rabbit heart. Proteomics, 2002, 2, 1204-1210.	1.3	13
27	Phosphoproteomic Profiling of the Myocyte. Circulation: Cardiovascular Genetics, 2011, 4, 575-575.	5.1	12
28	When does a fingerprint constitute a diagnostic?. Lancet, The, 2006, 368, 971-973.	6.3	9
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	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
31	Targeted Proteomics for Determining Phosphorylation Site-Specific Associations in Cardiovascular Disease. Circulation, 2012, 126, 1803-1807.	1.6	6
32	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
33	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
34	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
35	11 Isoelectric focusing and proteomics. Separation Science and Technology, 2005, , 247-264.	0.0	1
36	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