John C Price

List of Publications by Year
in descending order

24 papers	1,056 citations	623734 14 h-index	713466 21 g-index
25 all docs	25 docs citations	25 times ranked	1617 citing authors

#	Article	IF	Citations
1	Analysis of proteome dynamics in the mouse brain. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14508-14513.	7.1	314
2	Structure of the Cdc48 segregase in the act of unfolding an authentic substrate. Science, 2019, 365, 502-505.	12.6	138
3	Measurement of human plasma proteome dynamics with 2H2O and liquid chromatography tandem mass spectrometry. Analytical Biochemistry, 2012, 420, 73-83.	2.4	96
4	Mechanisms of In Vivo Ribosome Maintenance Change in Response to Nutrient Signals. Molecular and Cellular Proteomics, 2017, 16, 243-254.	3.8	67
5	The Effect of Long Term Calorie Restriction on in Vivo Hepatic Proteostatis: A Novel Combination of Dynamic and Quantitative Proteomics. Molecular and Cellular Proteomics, 2012, 11, 1801-1814.	3.8	65
6	Mass spectrometry imaging for in situ kinetic histochemistry. Scientific Reports, 2013, 3, 1656.	3.3	57
7	The measurement of protein synthesis for assessing proteostasis in studies of slowed aging. Ageing Research Reviews, 2014, 18, 106-111.	10.9	46
8	DeuteRater: a tool for quantifying peptide isotope precision and kinetic proteomics. Bioinformatics, 2017, 33, 1514-1520.	4.1	42
9	CORP: The use of deuterated water for the measurement of protein synthesis. Journal of Applied Physiology, 2020, 128, 1163-1176.	2.5	42
10	Proteomic Analysis of Resistance of Gram-Negative Bacteria to Chlorhexidine and Impacts on Susceptibility to Colistin, Antimicrobial Peptides, and Ceragenins. Frontiers in Microbiology, 2019, 10, 210.	3.5	37
11	Short-term Calorie Restriction and 17Î±-Estradiol Administration Elicit Divergent Effects on Proteostatic Processes and Protein Content in Metabolically Active Tissues. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 849-857.	3.6	28
12	Reduced inÂvivo hepatic proteome replacement rates but not cell proliferation rates predict maximum lifespan extension in mice. Aging Cell, 2016, 15, 118-127.	6.7	26
13	Sex differences in changes of protein synthesis with rapamycin treatment are minimized when metformin is added to rapamycin. GeroScience, 2021, 43, 809-828.	4.6	21
14	Active conformation of the p97-p47 unfoldase complex. Nature Communications, 2022, 13, 2640.	12.8	18
15	Imaging regiospecific lipid turnover in mouse brain with desorption electrospray ionization mass spectrometry. Journal of Lipid Research, 2017, 58, 1884-1892.	4.2	17
16	Improved Sensitivity for Protein Turnover Quantification by Monitoring Immonium Ion Isotopologue Abundance. Analytical Chemistry, 2019, 91, 9732-9740.	6.5	14
17	Analysis of thrombinâ€antithrombin complex formation using microchip electrophoresis and mass spectrometry. Electrophoresis, 2019, 40, 2853-2859.	2.4	10
18	Whole blood and urine bioactive Hepcidin-25 determination using liquid chromatography mass spectrometry. Analytical Biochemistry, 2017, 517, 23-30.	2.4	6

#	Article	IF	Citations
19	Imbalanced sphingolipid signaling is maintained as a core proponent of a cancerous phenotype in spite of metabolic pressure and epigenetic drift. Oncotarget, 2019, 10, 449-479.	1.8	6
20	Proposing a minimal set of metrics and methods to predict probabilities of amyloidosis disease and onset age in individuals. Aging, 2020, 12, 22356-22369.	3.1	3
21	Analysis of Proteome Dynamics in Mice by Isotopic Labeling. Methods in Molecular Biology, 2014, 1156, 111-131.	0.9	2
22	Discovering Drug Targets in Trypanosoma brucei by Thermal Proteome Profiling. FASEB Journal, 2021, 35, .	0.5	0
23	Proposing a minimal set of metrics and methods to predict probabilities of amyloidosis disease and onset age in individuals. Aging, 2020, 12, 22356-22369.	3.1	0
24	ATG9Aâ€mediated turnover of p62 condensates requires ubiquitin and occurs independently of the LC3â€lipidation machinery. FASEB Journal, 2022, 36, .	0.5	0