

# Pingbo Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2035215/publications.pdf>

Version: 2024-02-01

42  
papers

1,470  
citations

361413  
20  
h-index

330143  
37  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2883  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma proteomic signature of age in healthy humans. <i>Aging Cell</i> , 2018, 17, e12799.	6.7	325
2	Multiple Reaction Monitoring to Identify Site-Specific Troponin I Phosphorylated Residues in the Failing Human Heart. <i>Circulation</i> , 2012, 126, 1828-1837.	1.6	126
3	Multiplex assays for biomarker research and clinical application: Translational science coming of age. <i>Proteomics - Clinical Applications</i> , 2010, 4, 271-284.	1.6	83
4	Proteome analysis of silk gland proteins from the silkworm, <i>Bombyx mori</i> . <i>Proteomics</i> , 2006, 6, 2586-2599.	2.2	77
5	Plasma Biomarkers of Poor Muscle Quality in Older Men and Women from the Baltimore Longitudinal Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 1266-1272.	3.6	75
6	Heterogeneous Stromal Signaling within the Tumor Microenvironment Controls the Metastasis of Pancreatic Cancer. <i>Cancer Research</i> , 2017, 77, 41-52.	0.9	71
7	The Human Eye Proteome Project: Updates on an Emerging Proteome. <i>Proteomics</i> , 2018, 18, e1700394.	2.2	57
8	Elevated Plasma Growth and Differentiation Factor 15 Is Associated With Slower Gait Speed and Lower Physical Performance in Healthy Community-Dwelling Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 175-180.	3.6	48
9	Targeted Metabolomics Shows Low Plasma Lysophosphatidylcholine 18:2 Predicts Greater Decline of Gait Speed in Older Adults: The Baltimore Longitudinal Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 62-67.	3.6	46
10	The association of serum choline with linear growth failure in young children from rural Malawi. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 191-197.	4.7	36
11	Low plasma lysophosphatidylcholines are associated with impaired mitochondrial oxidative capacity in adults in the Baltimore Longitudinal Study of Aging. <i>Aging Cell</i> , 2019, 18, e12915.	6.7	34
12	Proteomic identification of phosphatidylinositol (3,4,5) triphosphate-binding proteins in <i>Dictyostelium discoideum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11829-11834.	7.1	33
13	Defining the proteome of human iris, ciliary body, retinal pigment epithelium, and choroid. <i>Proteomics</i> , 2016, 16, 1146-1153.	2.2	30
14	Superoxide Dismutase from the Silkworm, <i>Bombyx mori</i> : Sequence, Distribution, and Overexpression. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 507-514.	1.3	29
15	The proteome of human retina. <i>Proteomics</i> , 2015, 15, 836-840.	2.2	29
16	PKC $\zeta$ -Specific Phosphorylation of the Troponin Complex in Human Myocardium: A Functional and Proteomics Analysis. <i>PLoS ONE</i> , 2013, 8, e74847.	2.5	29
17	Altered Plasma Amino Acids and Lipids Associated With Abnormal Glucose Metabolism and Insulin Resistance in Older Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3331-3339.	3.6	26
18	Proteomic Profiling of the Silkworm Skeletal Muscle Proteins during Larval~Pupal Metamorphosis. <i>Journal of Proteome Research</i> , 2007, 6, 2295-2303.	3.7	25

#	ARTICLE	IF	CITATIONS
19	Tetra-linoleoyl cardiolipin depletion plays a major role in the pathogenesis of sarcopenia. <i>Medical Hypotheses</i> , 2019, 127, 142-149.	1.5	24
20	Impaired ATP6V0A2 expression contributes to Golgi dispersion and glycosylation changes in senescent cells. <i>Scientific Reports</i> , 2015, 5, 17342.	3.3	22
21	Proteomic Studies of Lipopolysaccharide-induced Polypeptides in the Silkworm, <i>Bombyx mori</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2004, 68, 1821-1823.	1.3	21
22	A novel phosphorylation site, Serine 199, in the C-terminus of cardiac troponin I regulates calcium sensitivity and susceptibility to calpain-induced proteolysis. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 82, 93-103.	1.9	20
23	Molecular and biochemical characterization of manganese-containing superoxide dismutase from the silkworm, <i>Bombyx mori</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 142, 403-409.	1.6	19
24	The C2 Domain and Altered ATP-Binding Loop Phosphorylation at Ser <sup>359</sup> Mediate the Redox-Dependent Increase in Protein Kinase C- $\beta$ Activity. <i>Molecular and Cellular Biology</i> , 2015, 35, 1727-1740.	2.3	18
25	A novel, multiplexed targeted mass spectrometry assay for quantification of complement factor H (CFH) variants and CFH-related proteins in human plasma. <i>Proteomics</i> , 2017, 17, 1600237.	2.2	18
26	The proteome of normal human retrobulbar optic nerve and sclera. <i>Proteomics</i> , 2016, 16, 2592-2596.	2.2	17
27	Proteomic Studies of Isoforms of the P25 Component of <i>Bombyx mori</i> Fibroin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 2086-2093.	1.3	15
28	Targeted proteomics of myofilament phosphorylation and other protein posttranslational modifications. <i>Proteomics - Clinical Applications</i> , 2014, 8, 543-553.	1.6	13
29	Relationship of Circulating Growth and Differentiation Factors 8 and 11 and Their Antagonists as Measured Using Liquid Chromatography-Tandem Mass Spectrometry With Age and Skeletal Muscle Strength in Healthy Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 129-136.	3.6	12
30	A robotic protocol for high-throughput processing of samples for selected reaction monitoring assays. <i>Proteomics</i> , 2017, 17, 1600339.	2.2	11
31	A proteomic approach to understanding the pathogenesis of idiopathic macular hole formation. <i>Clinical Proteomics</i> , 2017, 14, 37.	2.1	11
32	Utility of Dry Gel from Two-dimensional Electrophoresis for Peptide Mass Fingerprinting Analysis of Silkworm Proteins. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004, 68, 2148-2154.	1.3	10
33	Suppression of immunoglobulin production in human peripheral blood mononuclear cells by monocytes via secretion of heavy-chain ferritin. <i>Immunobiology</i> , 2014, 219, 149-157.	1.9	10
34	Cardiac troponin I Pro82Ser variant induces diastolic dysfunction, blunts $\beta$ -adrenergic response, and impairs myofilament cooperativity. <i>Journal of Applied Physiology</i> , 2015, 118, 212-223.	2.5	10
35	A targeted proteomic assay for the measurement of plasma proteoforms related to human aging phenotypes. <i>Proteomics</i> , 2017, 17, 1600232.	2.2	9
36	Troponin I alterations detected by multiple-reaction monitoring: how might this impact the study of heart failure?. <i>Expert Review of Proteomics</i> , 2013, 10, 5-8.	3.0	6

#	ARTICLE	IF	CITATIONS
37	Anatomical differences of the protein profile in the rabbit sclera during growth. <i>Experimental Eye Research</i> , 2017, 154, 53-63.	2.6	6
38	Novel Human Insulin Isoforms and C <sub>1</sub> -Peptide Product in Islets of Langerhans and Choroid Plexus. <i>Diabetes</i> , 2021, 70, 2947-2956.	0.6	6
39	Priorities and trends in the study of proteins in eye research, 1924â€”2014. <i>Proteomics - Clinical Applications</i> , 2015, 9, 1105-1122.	1.6	5
40	Heart Failureâ€”Related Hyperphosphorylation in the Cardiac Troponin I C Terminus Has Divergent Effects on Cardiac Function In Vivo. <i>Circulation: Heart Failure</i> , 2017, 10, .	3.9	5
41	Primary angle closure glaucoma is characterized by altered extracellular matrix homeostasis in the iris. <i>Proteomics - Clinical Applications</i> , 2021, 15, 2000094.	1.6	3
42	Mechanisms that regulate PKC $\delta$ -dependent phosphorylation of cardiac troponin I: the role of the C2 domain and ATP-binding loop phosphorylation S357 (1081.2). <i>FASEB Journal</i> , 2014, 28, 1081.2.	0.5	0