

Jeffrey Huang

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,977
citations

172386

29
h-index

182361

51
g-index

51
all docs

51
docs citations

51
times ranked

5846
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial dysfunction in schizophrenia: evidence for compromised brain metabolism and oxidative stress. <i>Molecular Psychiatry</i> , 2004, 9, 684-697.	4.1	810
2	GDF15 mediates the effects of metformin on body weight and energy balance. <i>Nature</i> , 2020, 578, 444-448.	13.7	326
3	Metabolic Profiling of CSF: Evidence That Early Intervention May Impact on Disease Progression and Outcome in Schizophrenia. <i>PLoS Medicine</i> , 2006, 3, e327.	3.9	242
4	Neutrophil Elastase Activity Is Associated with Exacerbations and Lung Function Decline in Bronchiectasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1384-1393.	2.5	232
5	Metabonomic analysis identifies molecular changes associated with the pathophysiology and drug treatment of bipolar disorder. <i>Molecular Psychiatry</i> , 2009, 14, 269-279.	4.1	163
6	Insulin Prevents Depolarization of the Mitochondrial Inner Membrane in Sensory Neurons of Type 1 Diabetic Rats in the Presence of Sustained Hyperglycemia. <i>Diabetes</i> , 2003, 52, 2129-2136.	0.3	160
7	Disease Biomarkers in Cerebrospinal Fluid of Patients with First-Onset Psychosis. <i>PLoS Medicine</i> , 2006, 3, e428.	3.9	159
8	Insulin enhances mitochondrial inner membrane potential and increases ATP levels through phosphoinositide 3-kinase in adult sensory neurons. <i>Molecular and Cellular Neurosciences</i> , 2005, 28, 42-54.	1.0	126
9	Independent protein-profiling studies show a decrease in apolipoprotein A1 levels in schizophrenia CSF, brain and peripheral tissues. <i>Molecular Psychiatry</i> , 2008, 13, 1118-1128.	4.1	124
10	The sputum microbiome, airway inflammation, and mortality in chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 158-167.	1.5	102
11	Neutrophil extracellular traps, disease severity, and antibiotic response in bronchiectasis: an international, observational, multicohort study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 873-884.	5.2	99
12	Nrf2 Activation Protects against Solar-Simulated Ultraviolet Radiation in Mice and Humans. <i>Cancer Prevention Research</i> , 2015, 8, 475-486.	0.7	94
13	Diabetes-induced alterations in calcium homeostasis in sensory neurones of streptozotocin-diabetic rats are restricted to lumbar ganglia and are prevented by neurotrophin-3. <i>Diabetologia</i> , 2002, 45, 560-570.	2.9	93
14	CSF Metabolic and Proteomic Profiles in Patients Prodromal for Psychosis. <i>PLoS ONE</i> , 2007, 2, e756.	1.1	93
15	Chronic exposure to neonicotinoids increases neuronal vulnerability to mitochondrial dysfunction in the bumblebee (<i>Bombus terrestris</i>). <i>FASEB Journal</i> , 2015, 29, 2112-2119.	0.2	76
16	Mechanism of mitochondrial dysfunction in diabetic sensory neuropathy. <i>Journal of the Peripheral Nervous System</i> , 2003, 8, 227-235.	1.4	71
17	Insulin-like growth factor-1-dependent maintenance of neuronal metabolism through the phosphatidylinositol 3-kinase-Akt pathway is inhibited by C2-ceramide in CAD cells. <i>European Journal of Neuroscience</i> , 2007, 25, 3030-3038.	1.2	69
18	Clinical validity of plasma and urinary desmosine as biomarkers for chronic obstructive pulmonary disease. <i>Thorax</i> , 2012, 67, 502-508.	2.7	68

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19	Circulating desmosine levels do not predict emphysema progression but are associated with cardiovascular risk and mortality in COPD. <i>European Respiratory Journal</i> , 2016, 47, 1365-1373.	3.1	64
20	The sputum microbiome and clinical outcomes in patients with bronchiectasis: a prospective observational study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 885-896.	5.2	63
21	Quantitative proteomics in resected renal cancer tissue for biomarker discovery and profiling. <i>British Journal of Cancer</i> , 2014, 110, 1622-1633.	2.9	61
22	Metabolic Profiling of Plasma from Discordant Schizophrenia Twins: Correlation between Lipid Signals and Global Functioning in Female Schizophrenia Patients. <i>Journal of Proteome Research</i> , 2006, 5, 756-760.	1.8	60
23	Detection and characterisation of biopsy tissue using quantitative optical coherence elastography (OCE) in men with suspected prostate cancer. <i>Cancer Letters</i> , 2015, 357, 121-128.	3.2	59
24	Increased Î±-Defensins as a Blood Marker for Schizophrenia Susceptibility. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1204-1213.	2.5	44
25	An observational study of matrix metalloproteinase (MMP)-9 in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2014, 13, 557-563.	0.3	43
26	Pregnancy Zone Protein Is Associated with Airway Infection, Neutrophil Extracellular Trap Formation, and Disease Severity in Bronchiectasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 992-1001.	2.5	42
27	The serum proteome of nonalcoholic fatty liver disease: A multimodal approach to discovery of biomarkers of nonalcoholic steatohepatitis. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2014, 29, 1839-1847.	1.4	40
28	Measurement of Urinary Total Desmosine and Isodesmosine Using Isotope-Dilution Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 3745-3750.	3.2	35
29	Novel Pathways of Ponatinib Disposition Catalyzed By CYP1A1 Involving Generation of Potentially Toxic Metabolites. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 363, 12-19.	1.3	29
30	Characterization and validation of an isotope-dilution LC-MS/MS method for quantification of total desmosine and isodesmosine in plasma and serum. <i>Bioanalysis</i> , 2013, 5, 1991-2001.	0.6	28
31	Simultaneous and high-throughput quantitation of urinary tetranor PGDM and tetranor PGEM by online SPE-LC-MS/MS as inflammatory biomarkers. <i>Journal of Mass Spectrometry</i> , 2011, 46, 705-711.	0.7	27
32	Age-dependent elastin degradation is enhanced in chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2016, 48, 1215-1218.	3.1	25
33	Stoichiometric Quantification of Akt Phosphorylation Using LC-MS/MS. <i>Journal of Proteome Research</i> , 2010, 9, 743-751.	1.8	24
34	Plasma Desmosine and Abdominal Aortic Aneurysm Disease. <i>Journal of the American Heart Association</i> , 2019, 8, e013743.	1.6	22
35	Pharmacokinetics and pharmacodynamics of orally administered acetylenic tricyclic bis (cyanoenone), a highly potent Nrf2 activator with a reversible covalent mode of action. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 402-407.	1.0	21
36	Identification of Novel Pathways of Osimertinib Disposition and Potential Implications for the Outcome of Lung Cancer Therapy. <i>Clinical Cancer Research</i> , 2018, 24, 2138-2147.	3.2	21

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37	Autophosphorylation-dependent protein kinase phosphorylates Ser25, Ser38, Ser65, Ser71, and Ser411 in vimentin and thereby inhibits cytoskeletal intermediate filament assembly. <i>The Protein Journal</i> , 1994, 13, 517-525.	1.1	20
38	Protein Kinase F _A /Glycogen Synthase Kinase 3 \pm Predominantly Phosphorylates the In Vivo Sites of Ser ⁵⁰² , Ser ⁵⁰⁶ , Ser ⁶⁰³ , and Ser ⁶⁶⁶ in Neurofilament. <i>Journal of Neurochemistry</i> , 1995, 64, 1848-1854.	2.1	20
39	High-Intensity Exercise as a Dishabituating Stimulus Restores Counterregulatory Responses in Recurrently Hypoglycemic Rodents. <i>Diabetes</i> , 2017, 66, 1696-1702.	0.3	20
40	Serum Desmosine Is Associated with Long-Term All-Cause and Cardiovascular Mortality in Bronchiectasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 897-899.	2.5	14
41	A Trans-Acting Protein Effect Causes Severe Eye Malformation in the Mp Mouse. <i>PLoS Genetics</i> , 2013, 9, e1003998.	1.5	11
42	Quantitative urinary proteomics using stable isotope labelling by peptide dimethylation in patients with prostate cancer. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3393-3404.	1.9	11
43	Isotope Dilution-Based Targeted and Nontargeted Carbonyl Neurosteroid/Steroid Profiling. <i>Analytical Chemistry</i> , 2018, 90, 5247-5255.	3.2	11
44	Identification and characterization of a novel human FOXK1 gene in silico. <i>International Journal of Oncology</i> , 2004, 25, 751.	1.4	9
45	Identification and characterization of a novel human nephronectin gene in silico. <i>International Journal of Molecular Medicine</i> , 2005, 15, 719.	1.8	9
46	Biomarkers of Aortopathy in Marfan Syndrome. <i>Cardiology in Review</i> , 2020, 28, 92-97.	0.6	9
47	A Targeted <i>in Vivo</i> SILAC Approach for Quantification of Drug Metabolism Enzymes: Regulation by the Constitutive Androstane Receptor. <i>Journal of Proteome Research</i> , 2014, 13, 866-874.	1.8	8
48	An Enhanced In Vivo Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC) Model for Quantification of Drug Metabolism Enzymes *. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 750-760.	2.5	7
49	Xenobiotic CAR Activators Induce Dlk1-Dio3 Locus Noncoding RNA Expression in Mouse Liver. <i>Toxicological Sciences</i> , 2017, 158, 367-378.	1.4	7
50	Autophosphorylation-dependent protein kinase predominantly phosphorylates Ser115, their vivo site in brain myelin basic protein. <i>The Protein Journal</i> , 1994, 13, 599-607.	1.1	4
51	Synthesis of ¹³ C ₂ ¹⁵ N ₂ -labeled anti-inflammatory and cytoprotective tricyclic bis(cyanoenone) ([¹³ C ₂ ¹⁵ N ₂]-TBE-31) as an internal standard for quantification by stable isotope dilution LC-MS method. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 606-610.	0.5	2