

Wan Jin Jahng

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,645
citations

331259

21
h-index

301761

39
g-index

59
all docs

59
docs citations

59
times ranked

2167
citing authors

#	ARTICLE	IF	CITATIONS
1	Viral Mimicry of Cdc2/Cyclin-Dependent Kinase 1 Mediates Disruption of Nuclear Lamina during Human Cytomegalovirus Nuclear Egress. <i>PLoS Pathogens</i> , 2009, 5, e1000275.	2.1	183
2	Role of Rho-kinase in regulation of insulin action and glucose homeostasis. <i>Cell Metabolism</i> , 2005, 2, 119-129.	7.2	148
3	A Palmitoylation Switch Mechanism in the Regulation of the Visual Cycle. <i>Cell</i> , 2004, 117, 761-771.	13.5	140
4	The Human Cytomegalovirus UL44 Protein Is a Substrate for the UL97 Protein Kinase. <i>Journal of Virology</i> , 2003, 77, 7720-7727.	1.5	116
5	Highly Water-Soluble BODIPY-Based Fluorescent Probe for Sensitive and Selective Detection of Nitric Oxide in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4107-4112.	4.0	73
6	Mitochondrial \hat{c} Nuclear Communication by Prohibitin Shuttling under Oxidative Stress. <i>Biochemistry</i> , 2011, 50, 8342-8351.	1.2	65
7	Protein Phosphatase 2A-SUR-6/B55 Regulates Centriole Duplication in <i>C.Âlegans</i> by Controlling the Levels of Centriole Assembly Factors. <i>Developmental Cell</i> , 2011, 20, 563-571.	3.1	65
8	Neuroprotective role of erythropoietin by antiapoptosis in the retina. <i>Journal of Neuroscience Research</i> , 2009, 87, 2365-2374.	1.3	64
9	The Phosphoinositide Kinase PIKfyve Mediates Epidermal Growth Factor Receptor Trafficking to the Nucleus. <i>Cancer Research</i> , 2007, 67, 9229-9237.	0.4	59
10	A Cleavable Affinity Biotinylating Agent Reveals a Retinoid Binding Role for RPE65 \hat{c} . <i>Biochemistry</i> , 2003, 42, 6159-6168.	1.2	54
11	\hat{c} -Vinyllysine and \hat{c} -vinylarginine are time-dependent inhibitors of their cognate decarboxylases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 2151-2156.	1.0	44
12	Purification and Characterization of a Transmembrane Domain-Deleted Form of Lecithin Retinol Acyltransferase \hat{c} . <i>Biochemistry</i> , 2003, 42, 6090-6098.	1.2	44
13	Lecithin Retinol Acyltransferase Is a Founder Member of a Novel Family of Enzymes \hat{c} . <i>Biochemistry</i> , 2003, 42, 12805-12812.	1.2	42
14	Association of Age-Related Macular Degeneration on Alzheimer or Parkinson Disease: A Retrospective Cohort Study. <i>American Journal of Ophthalmology</i> , 2020, 210, 41-47.	1.7	41
15	Prohibitin as an oxidative stress biomarker in the eye. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 685-690.	3.6	40
16	Synthesis of Quaternary Amino Acids Bearing a (2 \hat{c} -Z)-Fluorovinyl \hat{c} -Branch: \hat{c} % Potential PLP Enzyme Inactivators. <i>Organic Letters</i> , 2004, 6, 1821-1824.	2.4	39
17	Characterization of a chromosomal toxin \hat{c} antitoxin, Rv1102 \hat{c} Rv1103c system in <i>Mycobacterium tuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2010, 400, 293-298.	1.0	34
18	Examination of the New \hat{c} -(2 \hat{c} -Z-Fluoro)vinyl Trigger with Lysine Decarboxylase: \hat{c} The Absolute Stereochemistry Dictates the Reaction Course. <i>Journal of the American Chemical Society</i> , 2007, 129, 258-259.	6.6	32

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19	Cleavage of the retinal pigment epithelium-specific protein RPE65 under oxidative stress. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 104-108.	3.6	26
20	Light-induced phosphorylation of crystallins in the retinal pigment epithelium. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 194-201.	3.6	26
21	Early biosignature of oxidative stress in the retinal pigment epithelium. <i>Journal of Proteomics</i> , 2011, 74, 254-261.	1.2	25
22	Melatonin reprogrammes proteomic profile in light-exposed retina in vivo. <i>International Journal of Biological Macromolecules</i> , 2010, 47, 255-260.	3.6	23
23	Nitric oxide leads to cytoskeletal reorganization in the retinal pigment epithelium under oxidative stress. <i>Advances in Bioscience and Biotechnology (Print)</i> , 2012, 03, 1167-1178.	0.3	23
24	Prohibitin as the Molecular Binding Switch in the Retinal Pigment Epithelium. <i>Protein Journal</i> , 2016, 35, 1-16.	0.7	22
25	Lecithin Retinol Acyltransferase Forms Functional Homodimers. <i>Biochemistry</i> , 2002, 41, 6311-6319.	1.2	18
26	Altered Cytoskeleton as a Mitochondrial Decay Signature in the Retinal Pigment Epithelium. <i>Protein Journal</i> , 2016, 35, 179-192.	0.7	18
27	Synthesis of gasoline range fuels by the catalytic cracking of waste plastics using titanium dioxide and zeolite. <i>International Journal of Energy and Environmental Engineering</i> , 2021, 12, 77-86.	1.3	18
28	Synthesis of higher α -chlorovinyl and α -bromovinyl amino acids: The amino protecting group determines the reaction course. <i>Tetrahedron Letters</i> , 1996, 37, 4309-4312.	0.7	17
29	Oleic Acid, Cholesterol, and Linoleic Acid as Angiogenesis Initiators. <i>ACS Omega</i> , 2020, 5, 20575-20585.	1.6	17
30	Dual Switch Mechanism of Erythropoietin as an Antiapoptotic and Pro-Angiogenic Determinant in the Retina. <i>ACS Omega</i> , 2020, 5, 21113-21126.	1.6	16
31	Role of Endothelial ADAM17 in Early Vascular Changes Associated with Diabetic Retinopathy. <i>Journal of Clinical Medicine</i> , 2020, 9, 400.	1.0	15
32	Disruption of Angiogenesis by Anthocyanin-Rich Extracts of <i>Hibiscus sabdariffa</i> . <i>International Journal of Scientific and Engineering Research</i> , 2017, 8, 299-307.	0.1	14
33	Palmitoyl Transferase Activity of Lecithin Retinol Acyl Transferase. <i>Biochemistry</i> , 2006, 45, 10710-10718.	1.2	12
34	Melatonin Modulates Prohibitin and Cytoskeleton in the Retinal Pigment Epithelium. <i>International Journal of Scientific and Engineering Research</i> , 2017, 8, 502-506.	0.1	9
35	Anti-diabetic effects of <i>Ficus Asperifolia</i> in Streptozotocin-induced diabetic rats. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 605-616.	0.8	8
36	Elimination reactions of (E)-O-pivaloylbenzaldoximes. <i>Journal of Organic Chemistry</i> , 1993, 58, 3901-3904.	1.7	7

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37	Mechanistic dissection of diabetic retinopathy using the protein-metabolite interactome. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 829-848.	0.8	6
38	Fatty Acid Composition and Stoichiometry Determine the Angiogenesis Microenvironment. <i>ACS Omega</i> , 2021, 6, 5953-5961.	1.6	6
39	Interactome Mapping Guided by Tissue-Specific Phosphorylation in Age-Related Macular Degeneration. <i>International Journal of Scientific and Engineering Research</i> , 2017, 8, 680-698.	0.1	6
40	Mitochondrial Trafficking by Prohibitin-Kinesin-Myosin- Cadherin Complex in the Eye. , 2018, , .		5
41	Synthesis of C5-C22 Hydrocarbon Fuel From Ethylene-Based Polymers. <i>International Journal of Scientific and Engineering Research</i> , 2014, 5, 805-809.	0.1	5
42	Age- and sex-based evaluation of the association between refractive error and age-related macular degeneration in the Korean population. <i>PLoS ONE</i> , 2020, 15, e0228468.	1.1	4
43	Reply to Comment on: Association of Age-Related Macular Degeneration on Alzheimer or Parkinson Disease: A Retrospective Cohort Study. <i>American Journal of Ophthalmology</i> , 2020, 213, 320-321.	1.7	2
44	Magnesium-doped green solar cells using natural chromophores. <i>International Nano Letters</i> , 2021, 11, 205-214.	2.3	2
45	Application of Natural Plant Sensitizers with Polyaniline Electrode Couple in Dye-Sensitized Solar Cells. <i>International Journal of Scientific and Engineering Research</i> , 2018, 9, 1572-1577.	0.1	2
46	Kerosene-Like Fuel Production from Coconut Oil and Cashew-Nut Oil - Effects of Fatty Acid Degree of Saturation and Chain Length. <i>European Chemical Bulletin</i> , 2018, 7, 30.	2.7	2
47	A modified immunoblot method to identify substrates of protein kinases. <i>Journal of Microbiology</i> , 2011, 49, 499-501.	1.3	1
48	Assembly of quinone-based renewable biobattery using redox molecules from <i>Lawsonia inermis</i> . <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	1
49	Mechanistic Dissection of Macular Degeneration Using the Phosphorylation Interactome. , 2020, , .		1
50	Low-temperature synthesis of kerosene- and diesel-range fuels from waste plastics using natural potash catalyst. <i>International Journal of Energy and Environmental Engineering</i> , 2021, 12, 531-541.	1.3	1
51	Synthesis of Dye-Sensitized Solar Cells Using Chromophores from West African Plants. <i>International Journal of Scientific and Engineering Research</i> , 2017, 8, 631-635.	0.1	1
52	Anti-Thrombin III Inhibits Adhesion of Sickle Red Blood Cells and Leukocytes to the Endothelium in a Sickle Cell Mouse Model: Potential Therapeutic Application for Vaso-Occlusive Episodes. <i>Blood</i> , 2016, 128, 2473-2473.	0.6	1
53	Synthesis of Hydrocarbon Fuel by Thermal Catalytic Cracking of Polypropylene. <i>International Journal of Scientific and Engineering Research</i> , 2017, 8, 1193-1202.	0.1	1
54	777: The Nuclear EGFR in Bladder Cancer: Trafficking and Regulatory Mechanisms of its Transcription Function. <i>Journal of Urology</i> , 2007, 177, 260-260.	0.2	0

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55	Biofuel Production from Balanite Aegyptiaca and Azadirachta Indica Seeds. International Journal of Scientific and Engineering Research, 2014, 5, 439-441.	0.1	0