

Jiahn-Haur Liao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26
papers

348
citations

12
h-index

18
g-index

27
ext. papers

438
ext. citations

5.9
avg, IF

2.68
L-index

#	Paper	IF	Citations
26	Structural and biological insights into Klebsiella pneumoniae surface polysaccharide degradation by a bacteriophage K1 lyase: implications for clinical use.. <i>Journal of Biomedical Science</i> , 2022 , 29, 9	13.3	0
25	A GalNAc/Gal-specific lectin modulates immune responses toll-like receptor 4 independently of carbohydrate-binding ability. <i>Chemical Communications</i> , 2021 , 57, 6209-6212	5.8	
24	Synthesis of 2-(4-hydroxyphenyl)ethyl 3,4,5-Trihydroxybenzoate and Its Inhibitory Effect on Sucrase and Maltase. <i>Processes</i> , 2020 , 8, 1603	2.9	
23	Phosphoproteomics and Bioinformatics Analyses Reveal Key Roles of GSK-3 and AKAP4 in Mouse Sperm Capacitation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
22	Binding and Enhanced Binding between Key Immunity Proteins TRAF6 and TIFA. <i>ChemBioChem</i> , 2019 , 20, 140-146	3.8	5
21	Structural basis for fragmenting the exopolysaccharide of Acinetobacter baumannii by bacteriophage AB6 tailspike protein. <i>Scientific Reports</i> , 2017 , 7, 42711	4.9	26
20	Anthraquinone, a Ubiquinone Derivative from the Mushroom <i>Antrodia camphorata</i> , Inhibits Colon Cancer Stem Cell-like Properties: Insights into the Molecular Mechanism and Inhibitory Targets. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 51-59	5.7	36
19	Phospho-Priming Confers Functionally Relevant Specificities for Rad53 Kinase Autophosphorylation. <i>Biochemistry</i> , 2017 , 56, 5112-5124	3.2	6
18	A GalNAc/Gal-specific lectin from the sea mussel <i>Crenomytilus grayanus</i> modulates immune response in macrophages and in mice. <i>Scientific Reports</i> , 2017 , 7, 6315	4.9	18
17	Acetylation of SK17 Reveals a Highly-Conserved Modification of Histone-Like Protein HU. <i>Frontiers in Molecular Biosciences</i> , 2017 , 4, 77	5.6	11
16	A Multivalent Marine Lectin from <i>Crenomytilus grayanus</i> Possesses Anti-cancer Activity through Recognizing Globotriose Gb3. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4787-95	16.4	37
15	Anticataractogenesis Mechanisms of Curcumin and a Comparison of Its Degradation Products: An in Vitro Study. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 2080-6	5.7	9
14	Structural Basis for the Magnesium-Dependent Activation and Hexamerization of the Lon AAA+ Protease. <i>Structure</i> , 2016 , 24, 676-686	5.2	28
13	Comparative Phosphoproteomics Reveals the Role of AmpC β -lactamase Phosphorylation in the Clinical Imipenem-resistant Strain <i>Acinetobacter baumannii</i> SK17. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 12-25	7.6	19
12	Antioxidant activity and inhibition of β -glucosidase by hydroxyl-functionalized 2-arylbenzo[b]furans. <i>European Journal of Medicinal Chemistry</i> , 2015 , 93, 443-51	6.8	18
11	Synthesis and evaluation of 3-ylideneoxindole acetamides as potent anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2015 , 98, 1-12	6.8	25
10	The Comparative Studies of Binding Activity of Curcumin and Dimethylated Curcumin with Selenite: Hydrogen Bonding vs Acid-Base Interactions. <i>Scientific Reports</i> , 2015 , 5, 17614	4.9	5

9	Carnosine ameliorates lens protein turbidity formations by inhibiting calpain proteolysis and ultraviolet C-induced degradation. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 5932-8	5.7	10
8	Up-regulation of neutrophil activating protein in <i>Helicobacter pylori</i> under high-salt stress: structural and phylogenetic comparison with bacterial iron-binding ferritins. <i>Biochimie</i> , 2013 , 95, 1136-45	4.6	5
7	Structures of an ATP-independent Lon-like protease and its complexes with covalent inhibitors. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013 , 69, 1395-402		18
6	A Lon-like protease with no ATP-powered unfolding activity. <i>PLoS ONE</i> , 2012 , 7, e40226	3.7	10
5	Anti-UVC irradiation and metal chelation properties of 6-benzoyl-5,7-dihydroxy-4-phenyl-chromen-2-one: an implications for anti-cataract agent. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 7059-76	6.3	3
4	Ditopic complexation of selenite anions or calcium cations by pirenexine: an implication for anti-cataractogenesis. <i>Inorganic Chemistry</i> , 2011 , 50, 365-77	5.1	22
3	Binding and cleavage of <i>E. coli</i> HUBeta by the <i>E. coli</i> Lon protease. <i>Biophysical Journal</i> , 2010 , 98, 129-37	2.9	9
2	Astaxanthin interacts with selenite and attenuates selenite-induced cataractogenesis. <i>Chemical Research in Toxicology</i> , 2009 , 22, 518-25	4	14
1	COOH-terminal truncations and site-directed mutations enhance thermostability and chaperone-like activity of porcine alphaB-crystallin. <i>Molecular Vision</i> , 2009 , 15, 1429-44	2.3	12