

Jiahn-Haur Liao

List of Publications by Year in descending order

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papers

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687335

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times ranked

872
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 4787-4795.	13.7	51
2	Structural basis for fragmenting the exopolysaccharide of <i>Acinetobacter baumannii</i> by bacteriophage ϕ AB6 tailspike protein. <i>Scientific Reports</i> , 2017, 7, 42711.	3.3	49
3	Antroquinonol, 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.	5.2	42
4	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.	3.8	37
5	Structural Basis for the Magnesium-Dependent Activation and Hexamerization of the Lon AAA+ Protease. <i>Structure</i> , 2016, 24, 676-686.	3.3	33
6	Synthesis and evaluation of 3-ylideneoxindole acetamides as potent anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 98, 1-12.	5.5	32
7	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.	3.3	26
8	Ditopic Complexation of Selenite Anions or Calcium Cations by Pirenoxine: An Implication for Anti-Cataractogenesis. <i>Inorganic Chemistry</i> , 2011, 50, 365-377.	4.0	25
9	Antioxidant activity and inhibition of β -glucosidase by hydroxyl-functionalized 2-arylbenzo[b]furans. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 443-451.	5.5	24
10	Serial crystallography captures dynamic control of sequential electron and proton transfer events in a flavoenzyme. <i>Nature Chemistry</i> , 2022, 14, 677-685.	13.6	24
11	Structures of an ATP-independent Lon-like protease and its complexes with covalent inhibitors. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 1395-1402.	2.5	22
12	Astaxanthin Interacts with Selenite and Attenuates Selenite-Induced Cataractogenesis. <i>Chemical Research in Toxicology</i> , 2009, 22, 518-525.	3.3	16
13	A Lon-Like Protease with No ATP-Powered Unfolding Activity. <i>PLoS ONE</i> , 2012, 7, e40226.	2.5	13
14	Acetylation of <i>Acinetobacter baumannii</i> SK17 Reveals a Highly-Conserved Modification of Histone-Like Protein HU. <i>Frontiers in Molecular Biosciences</i> , 2017, 4, 77.	3.5	13
15	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, 5932-5938.	5.2	12
16	COOH-terminal truncations and site-directed mutations enhance thermostability and chaperone-like activity of porcine α B-crystallin. <i>Molecular Vision</i> , 2009, 15, 1429-44.	1.1	12
17	Binding and Cleavage of <i>E. coli</i> HU β by the <i>E. coli</i> Lon Protease. <i>Biophysical Journal</i> , 2010, 98, 129-137.	0.5	11
18	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, 2080-2086.	5.2	11

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19	Binding and Enhanced Binding between Key Immunity Proteins TRAF6 and TIFA. <i>ChemBioChem</i> , 2019, 20, 140-146.	2.6	11
20	Structural and biological insights into <i>Klebsiella pneumoniae</i> surface polysaccharide degradation by a bacteriophage K1 lyase: implications for clinical use. <i>Journal of Biomedical Science</i> , 2022, 29, 9.	7.0	9
21	Phospho-Priming Confers Functionally Relevant Specificities for Rad53 Kinase Autophosphorylation. <i>Biochemistry</i> , 2017, 56, 5112-5124.	2.5	6
22	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, 1136-1145.	2.6	5
23	The Comparative Studies of Binding Activity of Curcumin and Didemethylated Curcumin with Selenite: Hydrogen Bonding vs Acid-Base Interactions. <i>Scientific Reports</i> , 2015, 5, 17614.	3.3	5
24	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, 7283.	4.1	4
25	Anti-LIVC 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, 7059-7076.	4.1	3
26	Synthesis of 2-(4-hydroxyphenyl)ethyl 3,4,5-Trihydroxybenzoate and Its Inhibitory Effect on Sucrase and Maltase. <i>Processes</i> , 2020, 8, 1603.	2.8	1
27	A GalNAc/Gal-specific lectin modulates immune responses via toll-like receptor 4 independently of carbohydrate-binding ability. <i>Chemical Communications</i> , 2021, 57, 6209-6212.	4.1	1