

# Sheng-Wei Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

551  
citations

759233

12  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

983  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Mechanism of <i>Helicobacter pylori</i> Fucosyltransferase. <i>Journal of Biological Chemistry</i> , 2007, 282, 9973-9982.	3.4	113
2	Identification, synthesis and evaluation of SARS-CoV and MERS-CoV 3C-like protease inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3035-3042.	3.0	81
3	Carboxyl Terminus of <i>Helicobacter pylori</i> 1,3-Fucosyltransferase Determines the Structure and Stability. <i>Biochemistry</i> , 2006, 45, 8108-8116.	2.5	62
4	Galectin-3 Binding Protein and Galectin-1 Interaction in Breast Cancer Cell Aggregation and Metastasis. <i>Journal of the American Chemical Society</i> , 2015, 137, 9685-9693.	13.7	58
5	Rad51 presynaptic filament stabilization function of the mouse Swi5-Sfr1 heterodimeric complex. <i>Nucleic Acids Research</i> , 2012, 40, 6558-6569.	14.5	34
6	Enhancement of ADP release from the RAD51 presynaptic filament by the SWI5-SFR1 complex. <i>Nucleic Acids Research</i> , 2014, 42, 349-358.	14.5	27
7	Functional attributes of the <i>Saccharomyces cerevisiae</i> meiotic recombinase Dmc1. <i>DNA Repair</i> , 2013, 12, 707-712.	2.8	21
8	Predominant structural configuration of natural antibody repertoires enables potent antibody responses against protein antigens. <i>Scientific Reports</i> , 2015, 5, 12411.	3.3	17
9	Role of N-Linked Glycans in the Interactions of Recombinant HCV Envelope Glycoproteins with Cellular Receptors. <i>ACS Chemical Biology</i> , 2014, 9, 1437-1443.	3.4	16
10	The differential expression of the blood group <i>P<sup>1</sup></i> and <i>A4GALT</i> alleles is stimulated by the transcription factor early growth response 1. <i>Transfusion</i> , 2018, 58, 1054-1064.	1.6	16
11	The molecular genetic background leading to the formation of the human erythroid-specific <i>Xga/CD99</i> blood groups. <i>Blood Advances</i> , 2018, 2, 1854-1864.	5.2	16
12	Role of the RAD51-SWI5-SFR1 Ensemble in homologous recombination. <i>Nucleic Acids Research</i> , 2016, 44, 6242-6251.	14.5	14
13	Functional Relationship of ATP Hydrolysis, Presynaptic Filament Stability, and Homologous DNA Pairing Activity of the Human Meiotic Recombinase DMC1. <i>Journal of Biological Chemistry</i> , 2015, 290, 19863-19873.	3.4	12
14	Chemoenzymatic Synthesis of GDP-Fucose Derivatives as Potent and Selective 1,3-Fucosyltransferase Inhibitors. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1750-1758.	4.3	11
15	Coll(Chromomycin)2 Complex Induces a Conformational Change of CCG Repeats from i-Motif to Base-Extruded DNA Duplex. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2796.	4.1	10
16	A chemical probe inhibitor targeting STAT1 restricts cancer stem cell traits and angiogenesis in colorectal cancer. <i>Journal of Biomedical Science</i> , 2022, 29, 20.	7.0	10
17	Moiety-Linkage Map Reveals Selective Nonbisphosphonate Inhibitors of Human Geranylgeranyl Diphosphate Synthase. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 2299-2311.	5.4	7
18	TRIM28 Regulates Dlk1 Expression in Adipogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7245.	4.1	7

#	ARTICLE	IF	CITATIONS
19	Functional characterization of the meiosis-specific DNA double-strand break inducing factor SPO-11 from <i>C. elegans</i> . <i>Scientific Reports</i> , 2017, 7, 2370.	3.3	6
20	Fluorescent Farnesyl Diphosphate Analogue: A Probe To Validate trans-Prenyltransferase Inhibitors. <i>Biochemistry</i> , 2016, 55, 4366-4374.	2.5	4
21	Control Activity of Yeast Geranylgeranyl Diphosphate Synthase from Dimer Interface through H-Bonds and Hydrophobic Interaction. <i>Biochemistry</i> , 2013, 52, 2783-2792.	2.5	3
22	The functional characterization of phosphorylation of tristetraprolin at C-terminal NOT1-binding domain. <i>Journal of Inflammation</i> , 2021, 18, 22.	3.4	2
23	Structural and bioinformatic analyses of Azemiops venom serine proteases reveal close phylogeographic relationships to pitvipers from eastern China and the New World. <i>Toxicon</i> , 2021, 198, 93-101.	1.6	2
24	Generation of TRIM28 Knockout K562 Cells by CRISPR/Cas9 Genome Editing and Characterization of TRIM28-Regulated Gene Expression in Cell Proliferation and Hemoglobin Beta Subunits. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6839.	4.1	2