

# Ching-Lin Hsieh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4150939/publications.pdf>

Version: 2024-02-01

26  
papers

10,646  
citations

471061

17  
h-index

552369

26  
g-index

37  
all docs

37  
docs citations

37  
times ranked

20105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM structure of the 2019-nCoV spike in the prefusion conformation. <i>Science</i> , 2020, 367, 1260-1263.	6.0	7,517
2	Structure-based design of prefusion-stabilized SARS-CoV-2 spikes. <i>Science</i> , 2020, 369, 1501-1505.	6.0	977
3	Broad neutralization of SARS-related viruses by human monoclonal antibodies. <i>Science</i> , 2020, 369, 731-736.	6.0	534
4	The neutralizing antibody, LY-CoV555, protects against SARS-CoV-2 infection in nonhuman primates. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	347
5	Adjuvanting a subunit COVID-19 vaccine to induce protective immunity. <i>Nature</i> , 2021, 594, 253-258.	13.7	253
6	Prolonged evolution of the human B cell response to SARS-CoV-2 infection. <i>Science Immunology</i> , 2021, 6, .	5.6	153
7	Elicitation of broadly protective sarbecovirus immunity by receptor-binding domain nanoparticle vaccines. <i>Cell</i> , 2021, 184, 5432-5447.e16.	13.5	131
8	The SARS-CoV-2 spike reversibly samples an open-trimer conformation exposing novel epitopes. <i>Nature Structural and Molecular Biology</i> , 2022, 29, 229-238.	3.6	81
9	Stabilized coronavirus spike stem elicits a broadly protective antibody. <i>Cell Reports</i> , 2021, 37, 109929.	2.9	64
10	Novel Mycobacteria Antigen 85 Complex Binding Motif on Fibronectin. <i>Journal of Biological Chemistry</i> , 2012, 287, 1892-1902.	1.6	37
11	Elastin, a Novel Extracellular Matrix Protein Adhering to Mycobacterial Antigen 85 Complex. <i>Journal of Biological Chemistry</i> , 2013, 288, 3886-3896.	1.6	36
12	Fine Mapping of the Interaction between C4b-Binding Protein and Outer Membrane Proteins LigA and LigB of Pathogenic <i>Leptospira interrogans</i> . <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004192.	1.3	33
13	Expression and characterization of SARS-CoV-2 spike proteins. <i>Nature Protocols</i> , 2021, 16, 5339-5356.	5.5	31
14	Dynamics of Cleft Closure of the GluA2 Ligand-binding Domain in the Presence of Full and Partial Agonists Revealed by Hydrogen-Deuterium Exchange. <i>Journal of Biological Chemistry</i> , 2013, 288, 27658-27666.	1.6	27
15	Safety and immunogenicity of an inactivated recombinant Newcastle disease virus vaccine expressing SARS-CoV-2 spike: Interim results of a randomised, placebo-controlled, phase 1 trial. <i>EClinicalMedicine</i> , 2022, 45, 101323.	3.2	26
16	Structure-based design of prefusion-stabilized human metapneumovirus fusion proteins. <i>Nature Communications</i> , 2022, 13, 1299.	5.8	26
17	NMR Solution Structure of the Terminal Immunoglobulin-like Domain from the <i>Leptospira</i> Host-Interacting Outer Membrane Protein, LigB. <i>Biochemistry</i> , 2014, 53, 5249-5260.	1.2	20
18	Potent neutralization of SARS-CoV-2 variants of concern by an antibody with an uncommon genetic signature and structural mode of spike recognition. <i>Cell Reports</i> , 2021, 37, 109784.	2.9	20

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19	Safety and immunogenicity of an egg-based inactivated Newcastle disease virus vaccine expressing SARS-CoV-2 spike: Interim results of a randomized, placebo-controlled, phase 1/2 trial in Vietnam. <i>Vaccine</i> , 2022, 40, 3621-3632.	1.7	15
20	Leptospira Immunoglobulin-Like Protein B (LigB) Binds to Both the C-Terminal 23 Amino Acids of Fibrinogen I±C Domain and Factor XIII: Insight into the Mechanism of LigB-Mediated Blockage of Fibrinogen I± Chain Cross-Linking. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004974.	1.3	13
21	Extended low-resolution structure of a Leptospira antigen offers high bactericidal antibody accessibility amenable to vaccine design. <i>ELife</i> , 2017, 6, .	2.8	12
22	Protein engineering responses to the COVID-19 pandemic. <i>Current Opinion in Structural Biology</i> , 2022, 74, 102385.	2.6	11
23	Leptospira Immunoglobulin-Like Protein B Interacts with the 20th Exon of Human Tropoelastin Contributing to Leptospiral Adhesion to Human Lung Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 163.	1.8	9
24	Structural basis for ultrapotent antibody-mediated neutralization of human metapneumovirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	8
25	Comparative screening of recombinant antigen thermostability for improved leptospirosis vaccine design. <i>Biotechnology and Bioengineering</i> , 2019, 116, 260-271.	1.7	6
26	The Perturbation of Tryptophan Fluorescence by Phenylalanine to Alanine Mutations Identifies the Hydrophobic Core in a Subset of Bacterial Ig-like Domains. <i>Biochemistry</i> , 2013, 52, 4589-4591.	1.2	4