

# Yie Hou Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

2,353  
citations

218677

26  
h-index

243625

44  
g-index

51  
all docs

51  
docs citations

51  
times ranked

3787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges and emergent solutions for LC-MS/MS based untargeted metabolomics in diseases. <i>Mass Spectrometry Reviews</i> , 2018, 37, 772-792.	5.4	219
2	Human fetal dendritic cells promote prenatal T-cell immune suppression through arginase-2. <i>Nature</i> , 2017, 546, 662-666.	27.8	199
3	Clearance of senescent decidual cells by uterine natural killer cells in cycling human endometrium. <i>ELife</i> , 2017, 6, .	6.0	193
4	Loss of Endometrial Plasticity in Recurrent Pregnancy Loss. <i>Stem Cells</i> , 2016, 34, 346-356.	3.2	168
5	Serum Metabolome and Lipidome Changes in Adult Patients with Primary Dengue Infection. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2373.	3.0	128
6	2-O Methylation of Internal Adenosine by Flavivirus NS5 Methyltransferase. <i>PLoS Pathogens</i> , 2012, 8, e1002642.	4.7	125
7	Decidualization Induces a Secretome Switch in Perivascular Niche Cells of the Human Endometrium. <i>Endocrinology</i> , 2014, 155, 4542-4553.	2.8	92
8	Subcellular fractionation methods and strategies for proteomics. <i>Proteomics</i> , 2010, 10, 3935-3956.	2.2	91
9	Metabolomics Investigation Reveals Metabolite Mediators Associated with Acute Lung Injury and Repair in a Murine Model of Influenza Pneumonia. <i>Scientific Reports</i> , 2016, 6, 26076.	3.3	90
10	Cross-reactive antibodies enhance live attenuated virus infection for increased immunogenicity. <i>Nature Microbiology</i> , 2016, 1, 16164.	13.3	75
11	Serum Metabolomics Reveals Serotonin as a Predictor of Severe Dengue in the Early Phase of Dengue Fever. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004607.	3.0	69
12	Digital CRISPR-based method for the rapid detection and absolute quantification of nucleic acids. <i>Biomaterials</i> , 2021, 274, 120876.	11.4	65
13	Cancer proteomics. <i>Mass Spectrometry Reviews</i> , 2012, 31, 583-605.	5.4	60
14	Dysregulated Sphingolipid Metabolism in Endometriosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1913-E1921.	3.6	57
15	Troglitazone-induced hepatic mitochondrial proteome expression dynamics in heterozygous <i>Sod2</i> <sup>+/-</sup> mice: Two-stage oxidative injury. <i>Toxicology and Applied Pharmacology</i> , 2008, 231, 43-51.	2.8	53
16	Network-Based Pipeline for Analyzing MS Data: An Application toward Liver Cancer. <i>Journal of Proteome Research</i> , 2011, 10, 2261-2272.	3.7	51
17	Markers of dengue severity: a systematic review of cytokines and chemokines. <i>Journal of General Virology</i> , 2016, 97, 3103-3119.	2.9	50
18	Proteomics Signature Profiling (PSP): A Novel Contextualization Approach for Cancer Proteomics. <i>Journal of Proteome Research</i> , 2012, 11, 1571-1581.	3.7	47

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19	Deregulation of the endometrial stromal cell secretome precedes embryo implantation failure. <i>Molecular Human Reproduction</i> , 2017, 23, 478-487.	2.8	46
20	FUNCTIONAL METABOLOMICS DECIPHER BIOCHEMICAL FUNCTIONS AND ASSOCIATED MECHANISMS UNDERLIE SMALL-MOLECULE METABOLISM. <i>Mass Spectrometry Reviews</i> , 2020, 39, 417-433.	5.4	40
21	Limited value of pro-inflammatory oxylipins and cytokines as circulating biomarkers in endometriosis – a targeted omics study. <i>Scientific Reports</i> , 2016, 6, 26117.	3.3	38
22	Peritoneal Fluid Cytokines Reveal New Insights of Endometriosis Subphenotypes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3515.	4.1	37
23	Serial Metabolome Changes in a Prospective Cohort of Subjects with Influenza Viral Infection and Comparison with Dengue Fever. <i>Journal of Proteome Research</i> , 2017, 16, 2614-2622.	3.7	35
24	An In Vitro Model of Angiogenesis during Wound Healing Provides Insights into the Complex Role of Cells and Factors in the Inflammatory and Proliferation Phase. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2913.	4.1	34
25	Metabolic perturbations and cellular stress underpin susceptibility to symptomatic live-attenuated yellow fever infection. <i>Nature Medicine</i> , 2019, 25, 1218-1224.	30.7	33
26	Integrative Toxicoproteomics Implicates Impaired Mitochondrial Glutathione Import as an Off-Target Effect of Troglitazone. <i>Journal of Proteome Research</i> , 2013, 12, 2933-2945.	3.7	31
27	Proteomics profiling of hepatic mitochondria in heterozygous <i>Sod2</i> <sup>+/Δ</sup> mice, an animal model of discreet mitochondrial oxidative stress. <i>Proteomics</i> , 2008, 8, 555-568.	2.2	27
28	Serum metabolome changes in adult patients with severe dengue in the critical and recovery phases of dengue infection. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006217.	3.0	25
29	Dysregulated metabolism underpins Zika-virus-infection-associated impairment in fetal development. <i>Cell Reports</i> , 2021, 37, 110118.	6.4	21
30	Elevated peritoneal fluid ceramides in human endometriosis-associated infertility and their effects on mouse oocyte maturation. <i>Fertility and Sterility</i> , 2018, 110, 767-777.e5.	1.0	20
31	CD26/DPPIV down-regulation in endometrial stromal cell migration in endometriosis. <i>Fertility and Sterility</i> , 2014, 102, 167-177.e9.	1.0	19
32	A warm-start digital CRISPR/Cas-based method for the quantitative detection of nucleic acids. <i>Analytica Chimica Acta</i> , 2022, 1196, 339494.	5.4	18
33	A network-based maximum link approach towards MS identifies potentially important roles for undetected ARRB1/2 and ACTB in liver cancer progression. <i>International Journal of Bioinformatics Research and Applications</i> , 2012, 8, 155.	0.2	15
34	Mimicking immune signatures of flavivirus infection with targeted adjuvants improves dengue subunit vaccine immunogenicity. <i>Npj Vaccines</i> , 2019, 4, 27.	6.0	14
35	Exometabolomic Analysis of Decidualizing Human Endometrial Stromal and Perivascular Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 626619.	3.7	14
36	Long-chain glucosylceramides crosstalk with LYN mediates endometrial cell migration. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 71-80.	2.4	10

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37	The <i>Sod2</i> mutant mouse as a model for oxidative stress: A functional proteomics perspective. <i>Mass Spectrometry Reviews</i> , 2010, 29, 179-196.	5.4	9
38	Discovery and validation of peritoneal endometriosis biomarkers in peritoneal fluid and serum. <i>Reproductive BioMedicine Online</i> , 2021, 43, 727-737.	2.4	6
39	Large scale cytokine profiling uncovers elevated IL12-p70 and IL-17A in severe pediatric acute respiratory distress syndrome. <i>Scientific Reports</i> , 2021, 11, 14158.	3.3	4
40	Retention time bracketing for targeted sphingolipidomics by liquid chromatography-tandem mass spectrometry. <i>Bioanalysis</i> , 2019, 11, 185-201.	1.5	3
41	Development of bioanalytical assays for variegin, a peptide-based bivalent direct thrombin inhibitor. <i>Bioanalysis</i> , 2017, 9, 693-705.	1.5	2
42	Development of Animal Models of Drug-Induced Mitochondrial Toxicity. , 0, , 539-554.		2
43	The ratio of nicotinic acid to nicotinamide as a microbial biomarker for assessing cell therapy product sterility. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 25, 410-424.	4.1	2