

# Yen Chin Koay

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

810  
citations

567281

15  
h-index

677142

22  
g-index

24  
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24  
docs citations

24  
times ranked

1317  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anabolic Factors and Myokines Improve Differentiation of Human Embryonic Stem Cell Derived Skeletal Muscle Cells. <i>Cells</i> , 2022, 11, 963.	4.1	2
2	Design and validation of an LC-MS/MS method for simultaneous quantification of asymmetric dimethylguanidino valeric acid, asymmetric dimethylarginine and symmetric dimethylarginine in human plasma. <i>Pathology</i> , 2022, 54, 591-598.	0.6	2
3	Effect of chronic exercise in healthy young male adults: a metabolomic analysis. <i>Cardiovascular Research</i> , 2021, 117, 613-622.	3.8	32
4	Plasma levels of trimethylamine-N-oxide can be increased with "healthy" and "unhealthy" diets and do not correlate with the extent of atherosclerosis but with plaque instability. <i>Cardiovascular Research</i> , 2021, 117, 435-449.	3.8	58
5	Impact of dietary carbohydrate type and protein-carbohydrate interaction on metabolic health. <i>Nature Metabolism</i> , 2021, 3, 810-828.	11.9	42
6	A hierarchical approach to removal of unwanted variation for large-scale metabolomics data. <i>Nature Communications</i> , 2021, 12, 4992.	12.8	22
7	Gut microbiota impact on the peripheral immune response in non-alcoholic fatty liver disease related hepatocellular carcinoma. <i>Nature Communications</i> , 2021, 12, 187.	12.8	209
8	Nutritional and metabolic regulation of the metabolite dimethylguanidino valeric acid: an early marker of cardiometabolic disease. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E509-E518.	3.5	8
9	Core functional nodes and sex-specific pathways in human ischaemic and dilated cardiomyopathy. <i>Nature Communications</i> , 2020, 11, 2843.	12.8	39
10	Multi-omics Analysis of the Intermittent Fasting Response in Mice Identifies an Unexpected Role for HNF4 $\beta$ . <i>Cell Reports</i> , 2020, 30, 3566-3582.e4.	6.4	28
11	TRAIL-Expressing Monocyte/Macrophages Are Critical for Reducing Inflammation and Atherosclerosis. <i>IScience</i> , 2019, 12, 41-52.	4.1	33
12	Impact of the Food Additive Titanium Dioxide (E171) on Gut Microbiota-Host Interaction. <i>Frontiers in Nutrition</i> , 2019, 6, 57.	3.7	90
13	Ingestion of resistant starch by mice markedly increases microbiome-derived metabolites. <i>FASEB Journal</i> , 2019, 33, 8033-8042.	0.5	39
14	How Selective are Hsp90 Inhibitors for Cancer Cells over Normal Cells?. <i>ChemMedChem</i> , 2017, 12, 353-357.	3.2	16
15	Redefining the Phenotype of Heat Shock Protein 90 (Hsp90) Inhibitors. <i>Chemistry - A European Journal</i> , 2017, 23, 2010-2013.	3.3	31
16	A Novel Class of Hsp90 C-Terminal Modulators Have Pre-Clinical Efficacy in Prostate Tumor Cells Without Induction of a Heat Shock Response. <i>Prostate</i> , 2016, 76, 1546-1559.	2.3	23
17	Reinventing Hsp90 Inhibitors: Blocking C-Terminal Binding Events to Hsp90 by Using Dimerized Inhibitors. <i>Chemistry - A European Journal</i> , 2016, 22, 18572-18582.	3.3	9
18	Hitting a Moving Target: How Does an N-Methyl Group Impact Biological Activity?. <i>ChemMedChem</i> , 2016, 11, 881-892.	3.2	14

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19	Nuclear factor $\kappa$ B-induced kinase activation as a mechanism of pancreatic $\beta$ cell failure in obesity. <i>Journal of Experimental Medicine</i> , 2015, 212, 1239-1254.	8.5	52
20	Blocking the heat shock response and depleting HSF-1 levels through heat shock protein 90 (hsp90) inhibition: a significant advance on current hsp90 chemotherapies. <i>RSC Advances</i> , 2015, 5, 59003-59013.	3.6	11
21	Chemically Accessible Hsp90 Inhibitor That Does Not Induce a Heat Shock Response. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 771-776.	2.8	40