

Ayako Yachie

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

724
citations

1040056

9
h-index

1058476

14
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docs citations

14
times ranked

1343
citing authors

#	ARTICLE	IF	CITATIONS
1	IQCELL: A platform for predicting the effect of gene perturbations on developmental trajectories using single-cell RNA-seq data. <i>PLoS Computational Biology</i> , 2022, 18, e1009907.	3.2	13
2	Effects of maoto (ma-huang-tang) on host lipid mediator and transcriptome signature in influenza virus infection. <i>Scientific Reports</i> , 2021, 11, 4232.	3.3	5
3	Artificial intelligence-based computational framework for drug-target prioritization and inference of novel repositionable drugs for Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 92.	6.2	29
4	LimeMap: a comprehensive map of lipid mediator metabolic pathways. <i>Npj Systems Biology and Applications</i> , 2021, 7, 6.	3.0	8
5	Disease-related cellular protein networks differentially affected under different EGFR mutations in lung adenocarcinoma. <i>Scientific Reports</i> , 2020, 10, 10881.	3.3	9
6	Lenvatinib plus anti-PD-1 antibody combination treatment activates CD8+ T cells through reduction of tumor-associated macrophage and activation of the interferon pathway. <i>PLoS ONE</i> , 2019, 14, e0212513.	2.5	294
7	Modeling signaling-dependent pluripotency with Boolean logic to predict cell fate transitions. <i>Molecular Systems Biology</i> , 2018, 14, e7952.	7.2	49
8	CD24 tracks divergent pluripotent states in mouse and human cells. <i>Nature Communications</i> , 2015, 6, 7329.	12.8	76
9	Dynamic Simulation and Metabolome Analysis of Long-Term Erythrocyte Storage in Adenine-Guanosine Solution. <i>PLoS ONE</i> , 2013, 8, e71060.	2.5	34
10	A Metabolic Model of Human Erythrocytes: Practical Application of the E-Cell Simulation Environment. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-14.	3.0	24
11	Paradoxical ATP Elevation in Ischemic Penumbra Revealed by Quantitative Imaging Mass Spectrometry. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1157-1167.	5.4	102
12	Hypotaurine is an Energy-Saving Hepatoprotective Compound against Ischemia-Reperfusion Injury of the Rat Liver. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2010, 46, 126-134.	1.4	34
13	In silico modeling and metabolome analysis of long-stored erythrocytes to improve blood storage methods. <i>Journal of Biotechnology</i> , 2009, 144, 212-223.	3.8	46