Tsuyoshi Esaki

List of Publications by Year
in descending order

18 papers	621 citations	687363 13 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	922 citing authors

#	Article	IF	Citations
1	Tracking metabolites at single-cell resolution reveals metabolic dynamics during plant mitosis. Plant Physiology, 2022, , .	4.8	3
2	Development of an In Silico Prediction Model for P-glycoprotein Efflux Potential in Brain Capillary Endothelial Cells toward the Prediction of Brain Penetration. Journal of Medicinal Chemistry, 2021, 64, 2725-2738.	6.4	22
3	Appropriate Evaluation Measurements for Regression Models. Chem-Bio Informatics Journal, 2021, 21, 59-69.	0.3	1
4	Novel anti-flavivirus drugs targeting the nucleolar distribution of core protein. Virology, 2020, 541, 41-51.	2.4	15
5	Open Innovation Platform using Cloud-based Applications and Collaborative Space: A Case Study of Solubility Prediction Model Development. Chem-Bio Informatics Journal, 2020, 20, 5-18.	0.3	0
6	Estimation of relationships between chemical substructures and antibiotic resistance-related gene expression in bacteria: Adapting a canonical correlation analysis for small sample data of gathered features using consensus clustering. Chem-Bio Informatics Journal, 2020, 20, 58-61.	0.3	0
7	Computational Model To Predict the Fraction of Unbound Drug in the Brain. Journal of Chemical Information and Modeling, 2019, 59, 3251-3261.	5.4	16
8	Constructing an In Silico Three-Class Predictor of Human Intestinal Absorption With Caco-2 Permeability and Dried-DMSO Solubility. Journal of Pharmaceutical Sciences, 2019, 108, 3630-3639.	3.3	17
9	Development of Simplified in Vitro P-Glycoprotein Substrate Assay and in Silico Prediction Models To Evaluate Transport Potential of P-Glycoprotein. Molecular Pharmaceutics, 2019, 16, 1851-1863.	4.6	41
10	Development of an in silico prediction system of human renal excretion and clearance from chemical structure information incorporating fraction unbound in plasma as a descriptor. Scientific Reports, 2019, 9, 18782.	3.3	27
11	Data Curation can Improve the Prediction Accuracy of Metabolic Intrinsic Clearance. Molecular Informatics, 2019, 38, e1800086.	2.5	24
12	Predicting Fraction Unbound in Human Plasma from Chemical Structure: Improved Accuracy in the Low Value Ranges. Molecular Pharmaceutics, 2018, 15, 5302-5311.	4.6	95
13	Dual Roles of Glutathione in Ecdysone Biosynthesis and Antioxidant Function During Larval Development in Drosophila. Genetics, 2017, 207, 1519-1532.	2.9	27
14	Direct evidence of specific localization of sesquiterpenes and marchantin A in oil body cells of Marchantia polymorpha L.. Phytochemistry, 2016, 130, 77-84.	2.9	52
15	Comprehensive chemical secretory measurement of single cells trapped in a micro-droplet array with mass spectrometry. RSC Advances, 2015, 5, 16968-16971.	3.6	22
16	Fluorescence Probing Live Single-cell Mass Spectrometry for Direct Analysis of Organelle Metabolism. Analytical Sciences, 2015, 31, 1211-1213.	1.6	28
17	Live Single-Cell Plant Hormone Analysis by Video-Mass Spectrometry. Plant and Cell Physiology, 2015, 56, 1287-1296.	3.1	39
18	Direct metabolomics for plant cells by live single-cell mass spectrometry. Nature Protocols, 2015, 10, 1445-1456.	12.0	192