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	Direct metabolomics for plant cells by live single-cell mass spectrometry. Nature Protocols, 2015, 10, 1445-1456.	12.0	192
2	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
3	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
4	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
5	Live Single-Cell Plant Hormone Analysis by Video-Mass Spectrometry. Plant and Cell Physiology, 2015, 56, 1287-1296.	3.1	39
6	Fluorescence Probing Live Single-cell Mass Spectrometry for Direct Analysis of Organelle Metabolism. Analytical Sciences, 2015, 31, 1211-1213.	1.6	28
7	Dual Roles of Glutathione in Ecdysone Biosynthesis and Antioxidant Function During Larval Development in *Drosophila*. Genetics, 2017, 207, 1519-1532.	2.9	27
8	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
9	Data Curation can Improve the Prediction Accuracy of Metabolic Intrinsic Clearance. Molecular Informatics, 2019, 38, e1800086.	2.5	24
10	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
11	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
12	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
13	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
14	Novel anti-flavivirus drugs targeting the nucleolar distribution of core protein. Virology, 2020, 541, 41-51.	2.4	15
15	Tracking metabolites at single-cell resolution reveals metabolic dynamics during plant mitosis. Plant Physiology, 2022, , .	4.8	3
16	Appropriate Evaluation Measurements for Regression Models. Chem-Bio Informatics Journal, 2021, 21, 59-69.	0.3	1
17	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
18	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