

Shotaro Kamata

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

232
citations

1163117

8
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

334
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A High-Methionine Diet for One-Week Induces a High Accumulation of Methionine in the Cerebrospinal Fluid and Confers Bipolar Disorder-like Behavior in Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 928. | 4.1 | 5 |
| 2 | Functional and Structural Insights into Human PPAR α / β / δ Subtype Selectivity of Bezafibrate, Fenofibric Acid, and Pemafibrate. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4726. | 4.1 | 11 |
| 3 | Preparation of co-crystals of human PPAR α -LBD and ligand for high-resolution X-ray crystallography. <i>STAR Protocols</i> , 2021, 2, 100364. | 1.2 | 9 |
| 4 | Crystal Structures of the Human Peroxisome Proliferator-Activated Receptor (PPAR) α Ligand-Binding Domain in Complexes with a Series of Phenylpropanoic Acid Derivatives Generated by a Ligand-Exchange Soaking Method. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1202-1209. | 1.4 | 5 |
| 5 | Structural Basis for Anti-non-alcoholic Fatty Liver Disease and Diabetic Dyslipidemia Drug Saroglitazar as a PPAR α / β Dual Agonist. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1210-1219. | 1.4 | 10 |
| 6 | Cytotoxicity comparison of 35 developmental neurotoxicants in human induced pluripotent stem cells (iPSC), iPSC-derived neural progenitor cells, and transformed cell lines. <i>Toxicology in Vitro</i> , 2020, 69, 104999. | 2.4 | 8 |
| 7 | PPAR α Ligand-Binding Domain Structures with Endogenous Fatty Acids and Fibrates. <i>IScience</i> , 2020, 23, 101727. | 4.1 | 41 |
| 8 | Increased Urinary 3-Mercaptolactate Excretion and Enhanced Passive Systemic Anaphylaxis in Mice Lacking Mercaptopyruvate Sulfurtransferase, a Model of Mercaptolactate-Cysteine Disulfiduria. <i>International Journal of Molecular Sciences</i> , 2020, 21, 818. | 4.1 | 12 |
| 9 | Preeclampsia-Like Features and Partial Lactation Failure in Mice Lacking Cystathionine β -Lyase—An Animal Model of Cystathioninuria. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3507. | 4.1 | 8 |
| 10 | Abnormal Amino Acid Profiles of Blood and Cerebrospinal Fluid from Cystathionine β -Synthase-Deficient Mice, an Animal Model of Homocystinuria. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1054-1057. | 1.4 | 8 |
| 11 | Dietary selenium deficiency or selenomethionine excess drastically alters organ selenium contents without altering the expression of most selenoproteins in mice. <i>Journal of Nutritional Biochemistry</i> , 2019, 69, 120-129. | 4.2 | 47 |
| 12 | Cystathionine β -Lyase—Produced Hydrogen Sulfide Controls Endothelial NO Bioavailability and Blood Pressure. <i>Hypertension</i> , 2018, 71, 1210-1217. | 2.7 | 58 |
| 13 | Rapid 2D DIGE Proteomic Analysis of Mouse Liver. <i>Methods in Molecular Biology</i> , 2018, 1664, 153-166. | 0.9 | 1 |
| 14 | 2D DIGE proteomic analysis reveals fasting—induced protein remodeling through organ—specific transcription factor(s) in mice. <i>FEBS Open Bio</i> , 2018, 8, 1524-1543. | 2.3 | 8 |