

Satoshi Kume

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

402
citations

840585

11
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

612
citing authors

#	ARTICLE	IF	CITATIONS
1	Index markers of chronic fatigue syndrome with dysfunction of TCA and urea cycles. Scientific Reports, 2016, 6, 34990.	1.6	97
2	Glyceraldehyde-3-phosphate Dehydrogenase Aggregates Accelerate Amyloid- β^2 Amyloidogenesis in Alzheimer Disease. Journal of Biological Chemistry, 2015, 290, 26072-26087.	1.6	60
3	Potential Biomarkers of Fatigue Identified by Plasma Metabolome Analysis in Rats. PLoS ONE, 2015, 10, e0120106.	1.1	39
4	Brain Interleukin- $1\beta^2$ and the Intrinsic Receptor Antagonist Control Peripheral Toll-Like Receptor 3-Mediated Suppression of Spontaneous Activity in Rats. PLoS ONE, 2014, 9, e90950.	1.1	35
5	Systematic interaction analysis of human lipocalin-type prostaglandin D synthase with small lipophilic ligands. Biochemical Journal, 2012, 446, 279-289.	1.7	25
6	Music Improves Subjective Feelings Leading to Cardiac Autonomic Nervous Modulation: A Pilot Study. Frontiers in Neuroscience, 2017, 11, 108.	1.4	25
7	Drug delivery system for poorly water-soluble compounds using lipocalin-type prostaglandin D synthase. Journal of Controlled Release, 2012, 159, 143-150.	4.8	23
8	Noninvasive Evaluation of Cellular Proliferative Activity in Brain Neurogenic Regions in Rats under Depression and Treatment by Enhanced [18F]FLT-PET Imaging. Journal of Neuroscience, 2016, 36, 8123-8131.	1.7	23
9	Fine-tuned broad binding capability of human lipocalin-type prostaglandin D synthase for various small lipophilic ligands. FEBS Letters, 2014, 588, 962-969.	1.3	16
10	Physicochemical nature of interfaces controlling ferredoxin NADP+ reductase activity through its interprotein interactions with ferredoxin. Biochimica Et Biophysica Acta - Bioenergetics, 2015, 1847, 1200-1211.	0.5	15
11	Changes in TCA cycle and TCA cycle-related metabolites in plasma upon citric acid administration in rats. Heliyon, 2021, 7, e08501.	1.4	14
12	Non-covalent forces tune the electron transfer complex between ferredoxin and sulfite reductase to optimize enzymatic activity. Biochemical Journal, 2016, 473, 3837-3854.	1.7	12
13	Comprehensive Evaluation of the Binding of Lipocalin-Type Prostaglandin D Synthase to Poorly Water-Soluble Drugs. Molecular Pharmaceutics, 2017, 14, 3558-3567.	2.3	9
14	Energetic basis on interactions between ferredoxin and ferredoxin NADP + reductase at varying physiological conditions. Biochemical and Biophysical Research Communications, 2017, 482, 909-915.	1.0	5
15	Capillary-Inserted Rotor Design for HR- μ MAS NMR-Based Metabolomics on Mass-Limited Neurospheres. Molecules, 2017, 22, 1289.	1.7	4