

# Satoshi Kume

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

402  
citations

840776

11  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in TCA cycle and TCA cycle-related metabolites in plasma upon citric acid administration in rats. <i>Heliyon</i> , 2021, 7, e08501.	3.2	14
2	Energetic basis on interactions between ferredoxin and ferredoxin NADP + reductase at varying physiological conditions. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 909-915.	2.1	5
3	Comprehensive Evaluation of the Binding of Lipocalin-Type Prostaglandin D Synthase to Poorly Water-Soluble Drugs. <i>Molecular Pharmaceutics</i> , 2017, 14, 3558-3567.	4.6	9
4	Music Improves Subjective Feelings Leading to Cardiac Autonomic Nervous Modulation: A Pilot Study. <i>Frontiers in Neuroscience</i> , 2017, 11, 108.	2.8	25
5	Capillary-Inserted Rotor Design for HR $\mu$ MAS NMR-Based Metabolomics on Mass-Limited Neurospheres. <i>Molecules</i> , 2017, 22, 1289.	3.8	4
6	Noninvasive Evaluation of Cellular Proliferative Activity in Brain Neurogenic Regions in Rats under Depression and Treatment by Enhanced [18F]FLT-PET Imaging. <i>Journal of Neuroscience</i> , 2016, 36, 8123-8131.	3.6	23
7	Non-covalent forces tune the electron transfer complex between ferredoxin and sulfite reductase to optimize enzymatic activity. <i>Biochemical Journal</i> , 2016, 473, 3837-3854.	3.7	12
8	Index markers of chronic fatigue syndrome with dysfunction of TCA and urea cycles. <i>Scientific Reports</i> , 2016, 6, 34990.	3.3	97
9	Potential Biomarkers of Fatigue Identified by Plasma Metabolome Analysis in Rats. <i>PLoS ONE</i> , 2015, 10, e0120106.	2.5	39
10	Physicochemical nature of interfaces controlling ferredoxin NADP+ reductase activity through its interprotein interactions with ferredoxin. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 1200-1211.	1.0	15
11	Glyceraldehyde-3-phosphate Dehydrogenase Aggregates Accelerate Amyloid- $\beta$ Amyloidogenesis in Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2015, 290, 26072-26087.	3.4	60
12	Brain Interleukin- $1\beta$ and the Intrinsic Receptor Antagonist Control Peripheral Toll-Like Receptor 3-Mediated Suppression of Spontaneous Activity in Rats. <i>PLoS ONE</i> , 2014, 9, e90950.	2.5	35
13	Fine-tuned broad binding capability of human lipocalin-type prostaglandin D synthase for various small lipophilic ligands. <i>FEBS Letters</i> , 2014, 588, 962-969.	2.8	16
14	Systematic interaction analysis of human lipocalin-type prostaglandin D synthase with small lipophilic ligands. <i>Biochemical Journal</i> , 2012, 446, 279-289.	3.7	25
15	Drug delivery system for poorly water-soluble compounds using lipocalin-type prostaglandin D synthase. <i>Journal of Controlled Release</i> , 2012, 159, 143-150.	9.9	23