

Toru Sasaki

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

171
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of cell viability and metabolic activity of a 3D cultured human epidermal model using a dynamic autoradiographic technique with a PET radiopharmaceutical. <i>Scientific Reports</i> , 2019, 9, 10685.	3.3	10
2	Development of an externally controllable sealed isotope generator. <i>Applied Radiation and Isotopes</i> , 2018, 133, 51-56.	1.5	0
3	Increase of reactive oxygen species generation in cerebral cortex slices after the transiently enhanced metabolic activity. <i>Neuroscience Research</i> , 2017, 123, 55-64.	1.9	2
4	Superoxide generation in different brain regions of rats during normoxia and hypoxia-reoxygenation. <i>Neuroscience Research</i> , 2012, 74, 261-268.	1.9	6
5	Superoxide dismutase deficiency enhances superoxide levels in brain tissues during oxygenation and hypoxia-reoxygenation. <i>Journal of Neuroscience Research</i> , 2011, 89, 601-610.	2.9	24
6	Age-related increase of superoxide generation in the brains of mammals and birds. <i>Aging Cell</i> , 2008, 7, 459-469.	6.7	84
7	A comparative study of bioradiography in human brain slices and preoperative PET imaging. <i>Brain Research</i> , 2007, 1142, 19-27.	2.2	6
8	Development of real-time bioradiographic system for functional and metabolic imaging in living brain tissue. <i>Brain Research</i> , 2006, 1077, 161-169.	2.2	15
9	Demonstration of hyperaccumulation of [18F]2-fluoro-2-deoxy-D-glucose under oxygen deprivation in living brain slices using bioradiography. <i>Synapse</i> , 2005, 55, 252-261.	1.2	10
10	Visualization of mitochondrial oxygen fixation in brain slices by gas-tissue autoradiography. <i>Brain Research</i> , 1999, 831, 263-272.	2.2	14