

Etsuo A Susaki

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

4,201
citations

304602

22
h-index

330025

37
g-index

42
all docs

42
docs citations

42
times ranked

6155
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-Brain Imaging with Single-Cell Resolution Using Chemical Cocktails and Computational Analysis. <i>Cell</i> , 2014, 157, 726-739.	13.5	1,097
2	Advanced CUBIC protocols for whole-brain and whole-body clearing and imaging. <i>Nature Protocols</i> , 2015, 10, 1709-1727.	5.5	615
3	Whole-Body Imaging with Single-Cell Resolution by Tissue Decolorization. <i>Cell</i> , 2014, 159, 911-924.	13.5	404
4	p57 Is Required for Quiescence and Maintenance of Adult Hematopoietic Stem Cells. <i>Cell Stem Cell</i> , 2011, 9, 262-271.	5.2	268
5	Whole-body and Whole-Organ Clearing and Imaging Techniques with Single-Cell Resolution: Toward Organism-Level Systems Biology in Mammals. <i>Cell Chemical Biology</i> , 2016, 23, 137-157.	2.5	263
6	Chemical Landscape for Tissue Clearing Based on Hydrophilic Reagents. <i>Cell Reports</i> , 2018, 24, 2196-2210.e9.	2.9	221
7	Involvement of Ca ²⁺ -Dependent Hyperpolarization in Sleep Duration in Mammals. <i>Neuron</i> , 2016, 90, 70-85.	3.8	149
8	Versatile whole-organ/body staining and imaging based on electrolyte-gel properties of biological tissues. <i>Nature Communications</i> , 2020, 11, 1982.	5.8	134
9	CUBIC pathology: three-dimensional imaging for pathological diagnosis. <i>Scientific Reports</i> , 2017, 7, 9269.	1.6	110
10	Generation of a p16 Reporter Mouse and Its Use to Characterize and Target p16 ^{high} Cells In Vivo. <i>Cell Metabolism</i> , 2020, 32, 814-828.e6.	7.2	93
11	The oral hypoxia-inducible factor prolyl hydroxylase inhibitor enarodustat counteracts alterations in renal energy metabolism in the early stages of diabetic kidney disease. <i>Kidney International</i> , 2020, 97, 934-950.	2.6	73
12	Knockout-Rescue Embryonic Stem Cell-Derived Mouse Reveals Circadian-Period Control by Quality and Quantity of CRY1. <i>Molecular Cell</i> , 2017, 65, 176-190.	4.5	72
13	Neuronal signals regulate obesity induced β -cell proliferation by FoxM1 dependent mechanism. <i>Nature Communications</i> , 2017, 8, 1930.	5.8	69
14	Fbxw7 contributes to tumor suppression by targeting multiple proteins for ubiquitin-dependent degradation. <i>Cancer Science</i> , 2006, 97, 729-736.	1.7	65
15	Cyclin D2 Translocates p27 out of the Nucleus and Promotes Its Degradation at the G ₀ -G ₁ Transition. <i>Molecular and Cellular Biology</i> , 2007, 27, 4626-4640.	1.1	63
16	Visualization and molecular characterization of whole-brain vascular networks with capillary resolution. <i>Nature Communications</i> , 2020, 11, 1104.	5.8	57
17	Common and specific roles of the related CDK inhibitors p27 and p57 revealed by a knock-in mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5192-5197.	3.3	56
18	A hybrid open-top light-sheet microscope for versatile multi-scale imaging of cleared tissues. <i>Nature Methods</i> , 2022, 19, 613-619.	9.0	54

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19	Multiple Mechanisms for p27 ^{Kip1} Translocation and Degradation. <i>Cell Cycle</i> , 2007, 6, 3015-3020.	1.3	48
20	Novel 3D analysis using optical tissue clearing documents the evolution of murine rapidly progressive glomerulonephritis. <i>Kidney International</i> , 2019, 96, 505-516.	2.6	35
21	Comprehensive three-dimensional analysis (CUBIC-kidney) visualizes abnormal renal sympathetic nerves after ischemia/reperfusion injury. <i>Kidney International</i> , 2019, 96, 129-138.	2.6	34
22	Sleep as a biological problem: an overview of frontiers in sleep research. <i>Journal of Physiological Sciences</i> , 2016, 66, 1-13.	0.9	28
23	Deregulation of the p57-E2F1-p53 Axis Results in Nonobstructive Hydrocephalus and Cerebellar Malformation in Mice. <i>Molecular and Cellular Biology</i> , 2011, 31, 4176-4192.	1.1	22
24	Establishment of <i>TSHÅ</i> ² real-time monitoring system in mammalian photoperiodism. <i>Genes To Cells</i> , 2013, 18, 575-588.	0.5	18
25	Activation of Sympathetic Signaling in Macrophages Blocks Systemic Inflammation and Protects against Renal Ischemia-Reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1599-1615.	3.0	17
26	Color-Changing Fluorescent Barcode Based on Strand Displacement Reaction Enables Simple Multiplexed Labeling. <i>Journal of the American Chemical Society</i> , 2022, 144, 1572-1579.	6.6	17
27	Next-generation mammalian genetics toward organism-level systems biology. <i>Npj Systems Biology and Applications</i> , 2017, 3, 15.	1.4	16
28	Functional similarities and uniqueness of p27 and p57: Insight from a knock-in mouse model. <i>Cell Cycle</i> , 2009, 8, 2497-2501.	1.3	15
29	Increased E4 Activity in Mice Leads to Ubiquitin-containing Aggregates and Degeneration of Hypothalamic Neurons Resulting in Obesity. <i>Journal of Biological Chemistry</i> , 2010, 285, 15538-15547.	1.6	15
30	Perspective: Extending the Utility of Three-Dimensional Organoids by Tissue Clearing Technologies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 679226.	1.8	12
31	CUBIC-Cloud provides an integrative computational framework toward community-driven whole-mouse-brain mapping. <i>Cell Reports Methods</i> , 2021, 1, 100038.	1.4	12
32	Comparison of the 3-D patterns of the parasympathetic nervous system in the lung at late developmental stages between mouse and chicken. <i>Developmental Biology</i> , 2018, 444, S325-S336.	0.9	10
33	Multiresolution nondestructive 3D pathology of whole lymph nodes for breast cancer staging. <i>Journal of Biomedical Optics</i> , 2022, 27, .	1.4	9
34	Challenges in synthetically designing mammalian circadian clocks. <i>Current Opinion in Biotechnology</i> , 2010, 21, 556-565.	3.3	8
35	An animal model manifesting neurodegeneration and obesity. <i>Aging</i> , 2010, 2, 453-456.	1.4	6
36	Non-Enzymatic DNA Cleavage Reaction Induced by 5-Ethynyluracil in Methylamine Aqueous Solution and Application to DNA Concatenation. <i>PLoS ONE</i> , 2014, 9, e92369.	1.1	3

#	ARTICLE	IF	CITATIONS
37	A Simple Protocol to Clear and Transparentize the Brain. Seibutsu Butsuri, 2015, 55, 145-147.	0.0	0
38	Title is missing!. Kagaku To Seibutsu, 2015, 53, 737-740.	0.0	0