

Masamichi Yamamoto

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,610
citations

516710

16
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

2318
citing authors

#	ARTICLE	IF	CITATIONS
1	Nodal antagonists regulate formation of the anteroposterior axis of the mouse embryo. <i>Nature</i> , 2004, 428, 387-392.	27.8	256
2	Generation of Robust Left-Right Asymmetry in the Mouse Embryo Requires a Self-Enhancement and Lateral-Inhibition System. <i>Developmental Cell</i> , 2006, 11, 495-504.	7.0	184
3	Comparison of Gene Expression in Male and Female Mouse Blastocysts Revealed Imprinting of the X-Linked Gene, <i>Rhox5/Pem</i> , at Preimplantation Stages. <i>Current Biology</i> , 2006, 16, 166-172.	3.9	137
4	Induction of pluripotency in human somatic cells via a transient state resembling primitive streak-like mesendoderm. <i>Nature Communications</i> , 2014, 5, 3678.	12.8	115
5	The Mouse Embryo Autonomously Acquires Anterior-Posterior Polarity at Implantation. <i>Developmental Cell</i> , 2006, 10, 451-459.	7.0	112
6	Baf60c is a nuclear Notch signaling component required for the establishment of left-right asymmetry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 846-851.	7.1	108
7	Origin and role of distal visceral endoderm, a group of cells that determines anterior-posterior polarity of the mouse embryo. <i>Nature Cell Biology</i> , 2011, 13, 743-752.	10.3	99
8	Nodal signaling induces the midline barrier by activating Nodal expression in the lateral plate. <i>Development (Cambridge)</i> , 2003, 130, 1795-1804.	2.5	93
9	Antagonism between Smad1 and Smad2 signaling determines the site of distal visceral endoderm formation in the mouse embryo. <i>Journal of Cell Biology</i> , 2009, 184, 323-334.	5.2	80
10	Microglia-Triggered Plasticity of Intrinsic Excitability Modulates Psychomotor Behaviors in Acute Cerebellar Inflammation. <i>Cell Reports</i> , 2019, 28, 2923-2938.e8.	6.4	78
11	Removal of maternal retinoic acid by embryonic CYP26 is required for correct Nodal expression during early embryonic patterning. <i>Genes and Development</i> , 2009, 23, 1689-1698.	5.9	54
12	ATP Maintenance via Two Types of ATP Regulators Mitigates Pathological Phenotypes in Mouse Models of Parkinson's Disease. <i>EBioMedicine</i> , 2017, 22, 225-241.	6.1	54
13	Spatial Restriction of Bone Morphogenetic Protein Signaling in Mouse Gastrula through the mVam2-Dependent Endocytic Pathway. <i>Developmental Cell</i> , 2012, 22, 1163-1175.	7.0	53
14	Origin of body axes in the mouse embryo. <i>Current Opinion in Genetics and Development</i> , 2007, 17, 344-350.	3.3	35
15	p53 Suppresses Tetraploid Development in Mice. <i>Scientific Reports</i> , 2015, 5, 8907.	3.3	31
16	Spatiotemporal ATP Dynamics during AKI Predict Renal Prognosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2855-2869.	6.1	29
17	Regulation of alternative polyadenylation by Nkx2-5 and Xrn2 during mouse heart development. <i>ELife</i> , 2016, 5, .	6.0	18
18	Cellular cartography of the organ of Corti based on optical tissue clearing and machine learning. <i>ELife</i> , 2019, 8, .	6.0	16

#	ARTICLE	IF	CITATIONS
19	Osteoclasts adapt to physioxia perturbation through DNA demethylation. <i>EMBO Reports</i> , 2021, 22, e53035.	4.5	13
20	Cardioprotective Effects of VCP Modulator KUS121 in Murine and Porcine Models of Myocardial Infarction. <i>JACC Basic To Translational Science</i> , 2019, 4, 701-714.	4.1	12
21	ATP turnover and glucose dependency in hematopoietic stem/progenitor cells are increased by proliferation and differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 287-294.	2.1	9
22	Rostro-caudal different energy metabolism leading to differences in degeneration in spinal cord injury. <i>Brain Communications</i> , 2021, 3, fcab058.	3.3	8
23	Lysine demethylase 7a regulates murine anterior-posterior development by modulating the transcription of Hox gene cluster. <i>Communications Biology</i> , 2020, 3, 725.	4.4	7
24	Mammalian embryos show metabolic plasticity toward the surrounding environment during neural tube closure. <i>Genes To Cells</i> , 2018, 23, 794-802.	1.2	5
25	Two-photon AMPK and ATP imaging reveals the bias between rods and cones in glycolysis utility. <i>FASEB Journal</i> , 2021, 35, e21880.	0.5	4
26	Cardiac Energetics Re-evaluated by in Vivo Visualization of ATP Levels. <i>Journal of Cardiac Failure</i> , 2015, 21, S174.	1.7	0