

# Masafumi Inui

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

4,127  
citations

361413

20  
h-index

434195

31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

8253  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA control of signal transduction. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 252-263.	37.0	1,145
2	The Hippo Transducer TAZ Confers Cancer Stem Cell-Related Traits on Breast Cancer Cells. <i>Cell</i> , 2011, 147, 759-772.	28.9	1,115
3	FAM/USP9x, a Deubiquitinating Enzyme Essential for TGF $\beta$ <sup>2</sup> Signaling, Controls Smad4 Monoubiquitination. <i>Cell</i> , 2009, 136, 123-135.	28.9	442
4	Rapid generation of mouse models with defined point mutations by the CRISPR/Cas9 system. <i>Scientific Reports</i> , 2014, 4, 5396.	3.3	191
5	USP15 is a deubiquitylating enzyme for receptor-activated SMADs. <i>Nature Cell Biology</i> , 2011, 13, 1368-1375.	10.3	182
6	MicroRNA control of Nodal signalling. <i>Nature</i> , 2007, 449, 183-188.	27.8	177
7	Creation of CRISPR-based germline-genome-engineered mice without ex vivo handling of zygotes by i-GONAD. <i>Nature Protocols</i> , 2019, 14, 2452-2482.	12.0	93
8	Transcription factor Mohawk controls tenogenic differentiation of bone marrow mesenchymal stem cells in vitro and in vivo. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1-8.	2.3	83
9	Xapelin and Xmsr are required for cardiovascular development in <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 2006, 298, 188-200.	2.0	82
10	Mohawk promotes the maintenance and regeneration of the outer annulus fibrosus of intervertebral discs. <i>Nature Communications</i> , 2016, 7, 12503.	12.8	78
11	Wwp2 maintains cartilage homeostasis through regulation of Adamts5. <i>Nature Communications</i> , 2019, 10, 2429.	12.8	78
12	Production of Sry knockout mouse using TALEN via oocyte injection. <i>Scientific Reports</i> , 2013, 3, 3136.	3.3	72
13	Tendons and Ligaments: Connecting Developmental Biology to Musculoskeletal Disease Pathogenesis. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1773-1782.	2.8	56
14	Axial Protocadherin Is a Mediator of Prenotochord Cell Sorting in <i>Xenopus</i> . <i>Developmental Biology</i> , 2002, 244, 267-277.	2.0	55
15	Generation of mutant mice via the CRISPR/Cas9 system using FokI-dCas9. <i>Scientific Reports</i> , 2015, 5, 11221.	3.3	41
16	Regulation of TGF $\beta$ <sup>2</sup> signal transduction by mono- and deubiquitylation of Smads. <i>FEBS Letters</i> , 2012, 586, 1913-1920.	2.8	36
17	Dissecting the roles of miR-140 and its host gene. <i>Nature Cell Biology</i> , 2018, 20, 516-518.	10.3	28
18	Self-regulation of the head-inducing properties of the Spemann organizer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15354-15359.	7.1	24

#	ARTICLE	IF	CITATIONS
19	miRNAs and morphogen gradients. <i>Current Opinion in Cell Biology</i> , 2012, 24, 194-201.	5.4	22
20	Comparative analysis demonstrates cell type-specific conservation of SOX9 targets between mouse and chicken. <i>Scientific Reports</i> , 2019, 9, 12560.	3.3	22
21	Tbx6, Thylacine1, and E47 synergistically activate bowline expression in <i>Xenopus</i> somitogenesis. <i>Developmental Biology</i> , 2008, 313, 816-828.	2.0	20
22	The p.R92W variant of NR5A1/Nr5a1 induces testicular development of 46,XX gonads in humans, but not in mice: phenotypic comparison of human patients and mutation-induced mice. <i>Biology of Sex Differences</i> , 2016, 7, 56.	4.1	19
23	A novel gene, Ami is expressed in vascular tissue in <i>Xenopus laevis</i> . <i>Gene Expression Patterns</i> , 2006, 6, 613-619.	0.8	15
24	CRISPR/Cas9-mediated simultaneous knockout of Dmrt1 and Dmrt3 does not recapitulate the 46,XY gonadal dysgenesis observed in 9p24.3 deletion patients. <i>Biochemistry and Biophysics Reports</i> , 2017, 9, 238-244.	1.3	13
25	Lin28a/let-7 pathway modulates the Hox code via Polycomb regulation during axial patterning in vertebrates. <i>ELife</i> , 2020, 9, .	6.0	12
26	Deletion of a Seminal Gene Cluster Reinforces a Crucial Role of SVS2 in Male Fertility. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4557.	4.1	10
27	Identification and characterization of <i>Xenopus</i> OMP25. <i>Development Growth and Differentiation</i> , 2004, 46, 405-412.	1.5	5
28	TSC $\beta$ is essential for the nuclear localization and antiproliferative effect of XTSC $\alpha$ 2. <i>Development Growth and Differentiation</i> , 2007, 49, 197-204.	1.5	5
29	Generation of a Quantitative Luciferase Reporter for Sox9 SUMOylation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1274.	4.1	3
30	A novel gene, BENI is required for the convergent extension during <i>Xenopus laevis</i> gastrulation. <i>Developmental Biology</i> , 2007, 303, 270-280.	2.0	2
31	Protocadherin-1 is expressed in the notochord of mouse embryo but is dispensable for its formation. <i>Biochemistry and Biophysics Reports</i> , 2021, 27, 101047.	1.3	1