Masafumi Inui

List of Publications by Year
in descending order

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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	Protocadherin-1 is expressed in the notochord of mouse embryo but is dispensable for its formation. Biochemistry and Biophysics Reports, 2021, 27, 101047.	1.3	1
2	Generation of a Quantitative Luciferase Reporter for Sox9 SUMOylation. International Journal of Molecular Sciences, 2020, 21, 1274.	4.1	3
3	Lin28a/let-7 pathway modulates the Hox code via Polycomb regulation during axial patterning in vertebrates. ELife, 2020, 9, .	6.0	12
4	Creation of CRISPR-based germline-genome-engineered mice without ex vivo handling of zygotes by i-GONAD. Nature Protocols, 2019, 14, 2452-2482.	12.0	93
5	Comparative analysis demonstrates cell type-specific conservation of SOX9 targets between mouse and chicken. Scientific Reports, 2019, 9, 12560.	3.3	22
6	Deletion of a Seminal Gene Cluster Reinforces a Crucial Role of SVS2 in Male Fertility. International Journal of Molecular Sciences, 2019, 20, 4557.	4.1	10
7	Wwp2 maintains cartilage homeostasis through regulation of Adamts5. Nature Communications, 2019, 10, 2429.	12.8	78
8	Dissecting the roles of miR-140 and its host gene. Nature Cell Biology, 2018, 20, 516-518.	10.3	28
9	CRISPR/Cas9-mediated simultaneous knockout of Dmrt1 and Dmrt3 does not recapitulate the 46,XY gonadal dysgenesis observed in 9p24.3 deletion patients. Biochemistry and Biophysics Reports, 2017, 9, 238-244.	1.3	13
10	Tendons and Ligaments: Connecting Developmental Biology to Musculoskeletal Disease Pathogenesis. Journal of Bone and Mineral Research, 2017, 32, 1773-1782.	2.8	56
11	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. Biology of Sex Differences, 2016, 7, 56.	4.1	19
12	Mohawk promotes the maintenance and regeneration of the outer annulus fibrosus of intervertebral discs. Nature Communications, 2016, 7, 12503.	12.8	78
13	Transcription factor Mohawk controls tenogenic differentiation of bone marrow mesenchymal stem cells in vitro and in vivo. Journal of Orthopaedic Research, 2015, 33, 1-8.	2.3	83
14	Generation of mutant mice via the CRISPR/Cas9 system using FokI-dCas9. Scientific Reports, 2015, 5, 11221.	3.3	41
15	Rapid generation of mouse models with defined point mutations by the CRISPR/Cas9 system. Scientific Reports, 2014, 4, 5396.	3.3	191
16	Production of Sry knockout mouse using TALEN via oocyte injection. Scientific Reports, 2013, 3, 3136.	3.3	72
17	Self-regulation of the head-inducing properties of the Spemann organizer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15354-15359.	7.1	24
18	miRNAs and morphogen gradients. Current Opinion in Cell Biology, 2012, 24, 194-201.	5.4	22

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19	Regulation of TGFâ€Î²2 signal transduction by monoâ€and deubiquitylation of Smads. FEBS Letters, 2012, 586, 1913-1920.	2.8	36
20	USP15 is a deubiquitylating enzyme for receptor-activated SMADs. Nature Cell Biology, 2011, 13, 1368-1375.	10.3	182
21	The Hippo Transducer TAZ Confers Cancer Stem Cell-Related Traits on Breast Cancer Cells. Cell, 2011, 147, 759-772.	28.9	1,115
22	MicroRNA control of signal transduction. Nature Reviews Molecular Cell Biology, 2010, 11, 252-263.	37.0	1,145
23	FAM/USP9x, a Deubiquitinating Enzyme Essential for TGFÎ²2 Signaling, Controls Smad4 Monoubiquitination. Cell, 2009, 136, 123-135.	28.9	442
24	Tbx6, Thylacine1, and E47 synergistically activate bowline expression in Xenopus somitogenesis. Developmental Biology, 2008, 313, 816-828.	2.0	20
25	A novel gene, BENI is required for the convergent extension during Xenopus laevis gastrulation. Developmental Biology, 2007, 303, 270-280.	2.0	2
26	MicroRNA control of Nodal signalling. Nature, 2007, 449, 183-188.	27.8	177
27	TSCâ€box is essential for the nuclear localization and antiproliferative effect of XTSCâ€22. Development Growth and Differentiation, 2007, 49, 197-204.	1.5	5
28	Xapelin and Xmsr are required for cardiovascular development in Xenopus laevis. Developmental Biology, 2006, 298, 188-200.	2.0	82
29	A novel gene, Ami is expressed in vascular tissue in Xenopus laevis. Gene Expression Patterns, 2006, 6, 613-619.	0.8	15
30	Identification and characterization of Xenopus OMP25. Development Growth and Differentiation, 2004, 46, 405-412.	1.5	5
31	Axial Protocadherin Is a Mediator of Prenotochord Cell Sorting in Xenopus. Developmental Biology, 2002, 244, 267-277.	2.0	55