Junko Nio-Kobayashi

List of Publications by Year
in descending order

60	2,596	394421 19	189892 50
papers	citations	h-index	g-index

60	60	60	4147
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High Incidence of Metabolically Active Brown Adipose Tissue in Healthy Adult Humans. Diabetes, 2009, 58, 1526-1531.	0.6	1,650
2	Tissue- and cell-specific localization of galectins, Î²-galactose-binding animal lectins, and their potential functions in health and disease. Anatomical Science International, 2017, 92, 25-36.	1.0	77
3	Immunohistochemical Localization of Six Galectin Subtypes in the Mouse Digestive Tract. Journal of Histochemistry and Cytochemistry, 2009, 57, 41-50.	2.5	70
4	The cellular expression of SMCT2 and its comparison with other transporters for monocarboxylates in the mouse digestive tract. Biomedical Research, 2010, 31, 239-249.	0.9	47
5	Brain micro-inflammation at specific vessels dysregulates organ-homeostasis via the activation of a new neural circuit. ELife, 2017, 6, .	6.0	45
6	Bone Morphogenetic Proteins Are Mediators of Luteolysis in the Human Corpus Luteum. Endocrinology, 2015, 156, 1494-1503.	2.8	37
7	Cellular expression of a sodium-dependent monocarboxylate transporter (Slc5a8) and the MCT family in the mouse kidney. Histochemistry and Cell Biology, 2008, 130, 957-966.	1.7	35
8	Histochemical demonstration of a monocarboxylate transporter in the mouse perineurium with special reference to GLUT1. Biomedical Research, 2008, 29, 297-306.	0.9	30
9	The Association between Smoking and Ectopic Pregnancy: Why Nicotine Is BAD for Your Fallopian Tube. PLoS ONE, 2014, 9, e89400.	2.5	29
10	Cold Exposure Induces Proliferation of Mature Brown Adipocyte in a ÃŸ3-Adrenergic Receptor-Mediated Pathway. PLoS ONE, 2016, 11, e0166579.	2.5	28
11	Cellular expression of monocarboxylate transporters in the female reproductive organ of mice: implications for the genital lactate shuttle. Histochemistry and Cell Biology, 2011, 135, 351-360.	1.7	26
12	Possible involvement of uncoupling protein 1 in appetite control by leptin. Experimental Biology and Medicine, 2011, 236, 1274-1281.	2.4	25
13	Inhibition of xanthine oxidase in the acute phase of myocardial infarction prevents skeletal muscle abnormalities and exercise intolerance. Cardiovascular Research, 2021, 117, 805-819.	3.8	25
14	Regulated C-C motif ligand 2 (CCL2) in luteal cells contributes to macrophage infiltration into the human corpus luteum during luteolysis. Molecular Human Reproduction, 2015, 21, 645-654.	2.8	23
15	Targeting angiogenesis in the pathological ovary. Reproduction, Fertility and Development, 2013, 25, 362.	0.4	21
16	Cell-cycle arrest in mature adipocytes impairs BAT development but not WAT browning, and reduces adaptive thermogenesis in mice. Scientific Reports, 2017, 7, 6648.	3.3	21
17	Cellular expression of a monocarboxylate transporter (MCT1) in the mammary gland and sebaceous gland of mice. Histochemistry and Cell Biology, 2009, 131, 401-409.	1.7	20
18	Differential Cellular Localization of Galectin-1 and Galectin-3 in the Regressing Corpus Luteum of Mice and Their Possible Contribution to Luteal Cell Elimination. Journal of Histochemistry and Cytochemistry, 2010, 58, 741-749.	2.5	20

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19	The Loss of Luteal Progesterone Production in Women Is Associated With a Galectin Switch via Î±2,6-Sialylation of Glycoconjugates. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 4616-4624.	3.6	20
20	The selective distribution of LYVE-1-expressing endothelial cells and reticular cells in the reticulo-endothelial systemÂ(RES) . Biomedical Research, 2016, 37, 187-198.	0.9	20
21	Cardiac-specific loss of mitoNEET expression is linked with age-related heart failure. Communications Biology, 2021, 4, 138.	4.4	20
22	Impaired adrenergic agonistâ€dependent beige adipocyte induction in aged mice. Obesity, 2017, 25, 417-423.	3.0	19
23	Galectin-3 Contributes to Luteolysis by Binding to Beta 1 Integrin in the Bovine Corpus Luteum1. Biology of Reproduction, 2014, 91, 2.	2.7	16
24	The broad distribution of GP2 in mucous glands and secretory products . Biomedical Research, 2016, 37, 351-358.	0.9	16
25	Three types of macrophagic cells in the mesentery of mice with special referenceto LYVE-1-immunoreactive cells. Biomedical Research, 2014, 35, 37-45.	0.9	15
26	Histochemical characteristics of regressing vessels in the hyaloid vascular system of neonatal mice: Novel implication for vascular atrophy. Experimental Eye Research, 2018, 172, 1-9.	2.6	15
27	Galectins and Their Ligand Glycoconjugates in the Central Nervous System Under Physiological and Pathological Conditions. Frontiers in Neuroanatomy, 2021, 15, 767330.	1.7	15
28	Developmental changes in primary cilia in the mouse tooth germ and oral cavity . Biomedical Research, 2016, 37, 207-214.	0.9	13
29	Diversity of the intestinal microbiota differently affects non-neuronal and atropine-sensitive ileal contractile responses to short-chain fatty acids in mice . Biomedical Research, 2016, 37, 319-328.	0.9	13
30	Loss of luteotropic prostaglandin E plays an important role in the regulation of luteolysis in women. Molecular Human Reproduction, 2017, 23, 271-281.	2.8	13
31	Cell- and stage-specific localization of galectin-3, a Î²-galactoside-binding lectin, in a mouse model of experimental autoimmune encephalomyelitis. Neurochemistry International, 2018, 118, 176-184.	3.8	12
32	The intercellular expression of type-XVII collagen, laminin-332, and integrin-Î²1 promote contact following during the collective invasion of a cancer cell population. Biochemical and Biophysical Research Communications, 2019, 514, 1115-1121.	2.1	11
33	ATP spreads inflammation to other limbs through crosstalk between sensory neurons and interneurons. Journal of Experimental Medicine, 2022, 219, .	8.5	11
34	Galectin-1 and galectin-3 in the corpus luteum of mice are differentially regulated by prolactin and prostaglandin F2 Î±. Reproduction, 2012, 144, 617-624.	2.6	10
35	Cigarette smoking alters sialylation in the Fallopian tube of women, with implications for the pathogenesis of ectopic pregnancy. Molecular Reproduction and Development, 2016, 83, 1083-1091.	2.0	10
36	Brown adipocytes postnatally arise through both differentiation from progenitors and conversion from white adipocytes in Syrian hamster. Journal of Applied Physiology, 2018, 124, 99-108.	2.5	10

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37	Role of brown adipose tissue in body temperature control during the early postnatal period in Syrian hamsters and mice. Journal of Veterinary Medical Science, 2019, 81, 1461-1467.	0.9	10
38	Aldolase C is a novel molecular marker for folliculo-stellate cells in rodent pituitary. Cell and Tissue Research, 2020, 381, 273-284.	2.9	10
39	Histological Mapping and Subtype-Specific Functions of Galectins in Health and Disease. Trends in Glycoscience and Glycotechnology, 2018, 30, SE89-SE96.	0.1	10
40	A dual system of intercellular calcium signaling in glial nets associated with lanceolate sensory endings in rat vibrissae. Journal of Comparative Neurology, 2008, 510, 68-78.	1.6	9
41	Expression and localization of inhibitor of differentiation (ID) proteins during tissue and vascular remodelling in the human corpus luteum. Molecular Human Reproduction, 2013, 19, 82-92.	2.8	9
42	The luteotrophic function of galectin-1 by binding to the glycans on vascular endothelial growth factor receptor-2 in bovine luteal cells. Journal of Reproduction and Development, 2015, 61, 439-448.	1.4	7
43	Non-neuronal, but atropine-sensitive ileal contractile responses to short-chain fatty acids: age-dependent desensitization and restoration under inflammatory conditions in mice. Physiological Reports, 2016, 4, e12759.	1.7	7
44	Mitofusin 2 is involved in chemotaxis of neutrophil-like differentiated HL-60â€¯cells. Biochemical and Biophysical Research Communications, 2019, 513, 708-713.	2.1	7
45	The Expression and Cellular Localization of Galectin-1 and Galectin-3 in the Fallopian Tube Are Altered in Women with Tubal Ectopic Pregnancy. Cells Tissues Organs, 2014, 200, 424-434.	2.3	6
46	Histological analysis of arteriovenous anastomosis-like vessels established in the corpus luteum of cows during luteolysis. Journal of Ovarian Research, 2016, 9, 67.	3.0	6
47	Effect of ambient temperature on the proliferation of brown adipocyte progenitors and endothelial cells during postnatal BAT development in Syrian hamsters. Journal of Physiological Sciences, 2019, 69, 23-30.	2.1	5
48	A systematic analysis for localization of predominant growth factors and their receptors involved in murine tooth germ differentiation using in situ hybridization technique . Biomedical Research, 2015, 36, 205-217.	0.9	4
49	Identification of RNA aptamer which specifically interacts with PtdIns(3)P. Biochemical and Biophysical Research Communications, 2019, 517, 146-154.	2.1	4
50	Adipocytes and Stromal Cells Regulate Brown Adipogenesis Through Secretory Factors During the Postnatal White-to-Brown Conversion of Adipose Tissue in Syrian Hamsters. Frontiers in Cell and Developmental Biology, 2021, 9, 698692.	3.7	4
51	Possible Contribution of Alpha2,6-Sialylation to Luteolysis in Cows by Inhibiting the Luteotropic Effects of Galectin-1. Biology of Reproduction, 2016, 95, 17-17.	2.7	3
52	Generation and validation of novel anti-bovine CD163 monoclonal antibodies ABM-1A9 and ABM-2D6. Veterinary Immunology and Immunopathology, 2018, 198, 6-13.	1.2	2
53	Localization of Five Steroidogenic Enzyme mRNAs in Japanese Black Bear (Ursus thibetanus japonicus) Testes During the Mating Season by In Situ Hybridization. Journal of Reproduction and Development, 2010, 56, 236-242.	1.4	2
54	Expression Profiles and Possible Roles of Galectins in the Corpus Luteum. Trends in Glycoscience and Glycotechnology, 2016, 28, E71-E77.	0.1	1

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55	Histological Mapping and Subtype-Specific Functions of Galectins in Health and Disease. Trends in Glycoscience and Glycotechnology, 2018, 30, SJ47-SJ53.	0.1	1
56	The interferon-Î²/STAT1 axis drives the collective invasion of skin squamous cell carcinoma with sealed intercellular spaces. Oncogenesis, 2022, 11, .	4.9	1
57	Expression Profiles and Possible Roles of Galectins in the Corpus Luteum. Trends in Glycoscience and Glycotechnology, 2016, 28, J71-J76.	0.1	0
58	Bush-like integrin filament networks associated with hyaloid vasculature in murine neonate eyes. Biomedical Research, 2019, 40, 79-85.	0.9	0
59	Chemicals in aerosols generated from heated tobacco products and their biological effects. Indoor Environment, 2021, 24, 125-133.	0.1	0
60	Screening for Components/Compounds with Anti-Rotavirus Activity: Detection of Interaction Between Viral Spike Proteins and Glycans. Methods in Molecular Biology, 2020, 2132, 585-595.	0.9	0