

# Junko Nio-Kobayashi

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

2,596  
citations

394421

19  
h-index

189892

50  
g-index

60  
all docs

60  
docs citations

60  
times ranked

4147  
citing authors

#	ARTICLE	IF	CITATIONS
1	ATP spreads inflammation to other limbs through crosstalk between sensory neurons and interneurons. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	11
2	The interferon- $\beta$ /STAT1 axis drives the collective invasion of skin squamous cell carcinoma with sealed intercellular spaces. <i>Oncogenesis</i> , 2022, 11, .	4.9	1
3	Inhibition of xanthine oxidase in the acute phase of myocardial infarction prevents skeletal muscle abnormalities and exercise intolerance. <i>Cardiovascular Research</i> , 2021, 117, 805-819.	3.8	25
4	Cardiac-specific loss of mitoNEET expression is linked with age-related heart failure. <i>Communications Biology</i> , 2021, 4, 138.	4.4	20
5	Chemicals in aerosols generated from heated tobacco products and their biological effects. <i>Indoor Environment</i> , 2021, 24, 125-133.	0.1	0
6	Adipocytes and Stromal Cells Regulate Brown Adipogenesis Through Secretory Factors During the Postnatal White-to-Brown Conversion of Adipose Tissue in Syrian Hamsters. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 698692.	3.7	4
7	Galectins and Their Ligand Glycoconjugates in the Central Nervous System Under Physiological and Pathological Conditions. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 767330.	1.7	15
8	Aldolase C is a novel molecular marker for folliculo-stellate cells in rodent pituitary. <i>Cell and Tissue Research</i> , 2020, 381, 273-284.	2.9	10
9	Screening for Components/Compounds with Anti-Rotavirus Activity: Detection of Interaction Between Viral Spike Proteins and Glycans. <i>Methods in Molecular Biology</i> , 2020, 2132, 585-595.	0.9	0
10	Identification of RNA aptamer which specifically interacts with PtdIns(3)P. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 146-154.	2.1	4
11	Bush-like integrin filament networks associated with hyaloid vasculature in murine neonate eyes. <i>Biomedical Research</i> , 2019, 40, 79-85.	0.9	0
12	The intercellular expression of type-XVII collagen, laminin-332, and integrin- $\beta$ 1 promote contact following during the collective invasion of a cancer cell population. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 1115-1121.	2.1	11
13	Mitofusin 2 is involved in chemotaxis of neutrophil-like differentiated HL-60 cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 708-713.	2.1	7
14	Role of brown adipose tissue in body temperature control during the early postnatal period in Syrian hamsters and mice. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1461-1467.	0.9	10
15	Effect of ambient temperature on the proliferation of brown adipocyte progenitors and endothelial cells during postnatal BAT development in Syrian hamsters. <i>Journal of Physiological Sciences</i> , 2019, 69, 23-30.	2.1	5
16	Histochemical characteristics of regressing vessels in the hyaloid vascular system of neonatal mice: Novel implication for vascular atrophy. <i>Experimental Eye Research</i> , 2018, 172, 1-9.	2.6	15
17	Generation and validation of novel anti-bovine CD163 monoclonal antibodies ABM-1A9 and ABM-2D6. <i>Veterinary Immunology and Immunopathology</i> , 2018, 198, 6-13.	1.2	2
18	Brown adipocytes postnatally arise through both differentiation from progenitors and conversion from white adipocytes in Syrian hamster. <i>Journal of Applied Physiology</i> , 2018, 124, 99-108.	2.5	10

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19	Histological Mapping and Subtype-Specific Functions of Galectins in Health and Disease. Trends in Glycoscience and Glycotechnology, 2018, 30, SJ47-SJ53.	0.1	1
20	Cell- and stage-specific localization of galectin-3, a $\beta$ -galactoside-binding lectin, in a mouse model of experimental autoimmune encephalomyelitis. Neurochemistry International, 2018, 118, 176-184.	3.8	12
21	Histological Mapping and Subtype-Specific Functions of Galectins in Health and Disease. Trends in Glycoscience and Glycotechnology, 2018, 30, SE89-SE96.	0.1	10
22	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
23	Impaired adrenergic agonist-dependent beige adipocyte induction in aged mice. Obesity, 2017, 25, 417-423.	3.0	19
24	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
25	Tissue- and cell-specific localization of galectins, $\beta$ -galactose-binding animal lectins, and their potential functions in health and disease. Anatomical Science International, 2017, 92, 25-36.	1.0	77
26	Brain micro-inflammation at specific vessels dysregulates organ-homeostasis via the activation of a new neural circuit. ELife, 2017, 6, .	6.0	45
27	Expression Profiles and Possible Roles of Galectins in the Corpus Luteum. Trends in Glycoscience and Glycotechnology, 2016, 28, E71-E77.	0.1	1
28	Expression Profiles and Possible Roles of Galectins in the Corpus Luteum. Trends in Glycoscience and Glycotechnology, 2016, 28, J71-J76.	0.1	0
29	The broad distribution of GP2 in mucous glands and secretory products. Biomedical Research, 2016, 37, 351-358.	0.9	16
30	Developmental changes in primary cilia in the mouse tooth germ and oral cavity. Biomedical Research, 2016, 37, 207-214.	0.9	13
31	Cold Exposure Induces Proliferation of Mature Brown Adipocyte in a $\beta$ 3-Adrenergic Receptor-Mediated Pathway. PLoS ONE, 2016, 11, e0166579.	2.5	28
32	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
33	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
34	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
35	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
36	The selective distribution of LYVE-1-expressing endothelial cells and reticular cells in the reticulo-endothelial system (RES). Biomedical Research, 2016, 37, 187-198.	0.9	20

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37	Histological analysis of arteriovenous anastomosis-like vessels established in the corpus luteum of cows during luteolysis. <i>Journal of Ovarian Research</i> , 2016, 9, 67.	3.0	6
38	A systematic analysis for localization of predominant growth factors and their receptors involved in murine tooth germ differentiation using <i>in situ</i> hybridization technique. <i>Biomedical Research</i> , 2015, 36, 205-217.	0.9	4
39	The luteotrophic function of galectin-1 by binding to the glycans on vascular endothelial growth factor receptor-2 in bovine luteal cells. <i>Journal of Reproduction and Development</i> , 2015, 61, 439-448.	1.4	7
40	Bone Morphogenetic Proteins Are Mediators of Luteolysis in the Human Corpus Luteum. <i>Endocrinology</i> , 2015, 156, 1494-1503.	2.8	37
41	Regulated C-C motif ligand 2 (CCL2) in luteal cells contributes to macrophage infiltration into the human corpus luteum during luteolysis. <i>Molecular Human Reproduction</i> , 2015, 21, 645-654.	2.8	23
42	Three types of macrophagic cells in the mesentery of mice with special referenceto LYVE-1-immunoreactive cells. <i>Biomedical Research</i> , 2014, 35, 37-45.	0.9	15
43	Galectin-3 Contributes to Luteolysis by Binding to Beta 1 Integrin in the Bovine Corpus Luteum1. <i>Biology of Reproduction</i> , 2014, 91, 2.	2.7	16
44	The Loss of Luteal Progesterone Production in Women Is Associated With a Galectin Switch via $\beta$ 2,6-Sialylation of Glycoconjugates. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 4616-4624.	3.6	20
45	The Expression and Cellular Localization of Galectin-1 and Galectin-3 in the Fallopian Tube Are Altered in Women with Tubal Ectopic Pregnancy. <i>Cells Tissues Organs</i> , 2014, 200, 424-434.	2.3	6
46	The Association between Smoking and Ectopic Pregnancy: Why Nicotine Is BAD for Your Fallopian Tube. <i>PLoS ONE</i> , 2014, 9, e89400.	2.5	29
47	Targeting angiogenesis in the pathological ovary. <i>Reproduction, Fertility and Development</i> , 2013, 25, 362.	0.4	21
48	Expression and localization of inhibitor of differentiation (ID) proteins during tissue and vascular remodelling in the human corpus luteum. <i>Molecular Human Reproduction</i> , 2013, 19, 82-92.	2.8	9
49	Galectin-1 and galectin-3 in the corpus luteum of mice are differentially regulated by prolactin and prostaglandin F <sub>2</sub> $\pm$ . <i>Reproduction</i> , 2012, 144, 617-624.	2.6	10
50	Cellular expression of monocarboxylate transporters in the female reproductive organ of mice: implications for the genital lactate shuttle. <i>Histochemistry and Cell Biology</i> , 2011, 135, 351-360.	1.7	26
51	Possible involvement of uncoupling protein 1 in appetite control by leptin. <i>Experimental Biology and Medicine</i> , 2011, 236, 1274-1281.	2.4	25
52	The cellular expression of SMCT2 and its comparison with other transporters for monocarboxylates in the mouse digestive tract. <i>Biomedical Research</i> , 2010, 31, 239-249.	0.9	47
53	Differential Cellular Localization of Galectin-1 and Galectin-3 in the Regressing Corpus Luteum of Mice and Their Possible Contribution to Luteal Cell Elimination. <i>Journal of Histochemistry and Cytochemistry</i> , 2010, 58, 741-749.	2.5	20
54	Localization of Five Steroidogenic Enzyme mRNAs in Japanese Black Bear ( <i>Ursus thibetanus japonicus</i> ) Testes During the Mating Season by In Situ Hybridization. <i>Journal of Reproduction and Development</i> , 2010, 56, 236-242.	1.4	2

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55	High Incidence of Metabolically Active Brown Adipose Tissue in Healthy Adult Humans. <i>Diabetes</i> , 2009, 58, 1526-1531.	0.6	1,650
56	Immunohistochemical Localization of Six Galectin Subtypes in the Mouse Digestive Tract. <i>Journal of Histochemistry and Cytochemistry</i> , 2009, 57, 41-50.	2.5	70
57	Cellular expression of a monocarboxylate transporter (MCT1) in the mammary gland and sebaceous gland of mice. <i>Histochemistry and Cell Biology</i> , 2009, 131, 401-409.	1.7	20
58	Cellular expression of a sodium-dependent monocarboxylate transporter (Slc5a8) and the MCT family in the mouse kidney. <i>Histochemistry and Cell Biology</i> , 2008, 130, 957-966.	1.7	35
59	A dual system of intercellular calcium signaling in glial nets associated with lanceolate sensory endings in rat vibrissae. <i>Journal of Comparative Neurology</i> , 2008, 510, 68-78.	1.6	9
60	Histochemical demonstration of a monocarboxylate transporter in the mouse perineurium with special reference to GLUT1. <i>Biomedical Research</i> , 2008, 29, 297-306.	0.9	30