

# Tetsuya Kohsaka

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,052  
citations

393982

19  
h-index

476904

29  
g-index

60  
all docs

60  
docs citations

60  
times ranked

906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Specific Relaxin-Binding Cells in the Human Female. <i>Biology of Reproduction</i> , 1998, 59, 991-999.	1.2	77
2	Secretion of egg envelope protein ZPC after C-terminal proteolytic processing in quail granulosa cells. <i>FEBS Journal</i> , 2002, 269, 2223-2231.	0.2	52
3	Lactic acid is a sperm motility inactivation factor in the sperm storage tubules. <i>Scientific Reports</i> , 2015, 5, 17643.	1.6	49
4	Relaxin protects against renal ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F1169-F1176.	1.3	45
5	Expression of peptidylarginine deiminase in the uterine epithelial cells of mouse is dependent on estrogen. <i>Journal of Biological Chemistry</i> , 1992, 267, 520-525.	1.6	43
6	The Insulin-Like Factor 3 (INSL3)-Receptor (RXFP2) Network Functions as a Germ Cell Survival/Anti-Apoptotic Factor in Boar Testes. <i>Endocrinology</i> , 2015, 156, 1523-1539.	1.4	40
7	Seminal immunoreactive relaxin in domestic animals and its relationship to sperm motility as a possible index for predicting the fertilizing ability of sires. <i>Journal of Developmental and Physical Disabilities</i> , 2003, 26, 115-120.	3.6	38
8	Relaxin-like factor (RLF)/insulin-like peptide 3 (INSL3) is secreted from testicular Leydig cells as a monomeric protein comprising three domains Bâ€“Câ€“A with full biological activity in boars. <i>Biochemical Journal</i> , 2012, 441, 265-273.	1.7	38
9	High concentrations of immunoreactive inhibin in the plasma of mares and fetal gonads during the second half of pregnancy. <i>Reproduction, Fertility and Development</i> , 1996, 8, 1137.	0.1	37
10	Relaxin ameliorates salt-sensitive hypertension and renal fibrosis. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 2190-2197.	0.4	35
11	Immunoreactive relaxin in seminal plasma of fertile boars and its correlation with sperm motility characteristics determined by computer-assisted digital image analysis. <i>Journal of Developmental and Physical Disabilities</i> , 2001, 24, 24-30.	3.6	31
12	Effect of Relaxin on Acrosome Reaction and Utilization of Glucose in Boar Spermatozoa. <i>Journal of Reproduction and Development</i> , 2006, 52, 773-779.	0.5	30
13	Evidence for immunoreactive relaxin in boar seminal vesicles using combined light and electron microscope immunocytochemistry. <i>Reproduction</i> , 1992, 95, 397-408.	1.1	27
14	Dynamics of insulin-like factor 3 and its receptor expression in boar testes. <i>Journal of Endocrinology</i> , 2014, 220, 247-261.	1.2	26
15	Effect of Relaxin on In Vitro Fertilization of Porcine Oocytes. <i>Journal of Reproduction and Development</i> , 2006, 52, 657-662.	0.5	23
16	Zona pellucida protein ZP2 is expressed in the oocyte of Japanese quail ( <i>Coturnix japonica</i> ). <i>Reproduction</i> , 2010, 139, 359-371.	1.1	22
17	Assessment of Bovine X- and Y-bearing Spermatozoa in Fractions by Discontinuous Percoll Gradients with Rapid Fluorescence In Situ Hybridization. <i>Journal of Reproduction and Development</i> , 2004, 50, 463-469.	0.5	21
18	Identification of SAMT family proteins as substrates of MARCH11 in mouse spermatids. <i>Histochemistry and Cell Biology</i> , 2012, 137, 53-65.	0.8	21

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19	Fluorescence in situ hybridization with y chromosome-specific probe in decondensed bovine spermatozoa. <i>Theriogenology</i> , 1999, 52, 1043-1054.	0.9	19
20	Evidence for expression of relaxin hormone-receptor system in the boar testis. <i>Journal of Endocrinology</i> , 2010, 207, 135-149.	1.2	19
21	Efficacy of relaxin for cisplatin-induced testicular dysfunction and epididymal spermatotoxicity. <i>Basic and Clinical Andrology</i> , 2020, 30, 3.	0.8	19
22	Effects of relaxin and IGF-1 on capacitation, acrosome reaction, cholesterol efflux and utilization of labeled and unlabeled glucose in porcine spermatozoa. <i>Reproductive Medicine and Biology</i> , 2008, 7, 29-36.	1.0	18
23	A new technique for the precise location of lactate and malate dehydrogenases in goat, boar and water buffalo spermatozoa using gel incubation film. <i>Reproduction</i> , 1992, 95, 201-209.	1.1	17
24	Protective Effects of Relaxin against Cisplatin-Induced Nephrotoxicity in Rats. <i>Nephron Experimental Nephrology</i> , 2014, 128, 9-20.	2.4	17
25	Functional insulin-like factor 3 (INSL3) hormone-receptor system in the testes and spermatozoa of domestic ruminants and its potential as a predictor of sire fertility. <i>Animal Science Journal</i> , 2017, 88, 678-690.	0.6	17
26	Evidence for the role of INSL3 on sperm production in boars by passive immunisation. <i>Andrologia</i> , 2018, 50, e13010.	1.0	17
27	Endogenous Heterogeneity of Relaxin and Sequence of the Major Form in Pregnant Sow Ovaries. <i>Biological Chemistry Hoppe-Seyler</i> , 1993, 374, 203-210.	1.4	16
28	Detection of Y-bearing porcine spermatozoa by in situ hybridization using digoxigenin-labeled, porcine male-specific DNA probe produced by polymerase chain reaction. <i>Molecular Reproduction and Development</i> , 1995, 40, 455-459.	1.0	16
29	The Presence of Specific Binding Sites on Boar Spermatozoa for Porcine Relaxin and Its Action on Their Motility Characteristics.. <i>Journal of Reproduction and Development</i> , 2001, 47, 197-204.	0.5	16
30	Mouse uterus peptidylarginine deiminase is expressed in decidual cells during pregnancy. <i>Journal of Cellular Biochemistry</i> , 1995, 58, 269-278.	1.2	14
31	The active form of goat insulin-like peptide 3 (INSL3) is a single-chain structure comprising three domains B-C-A, constitutively expressed and secreted by testicular Leydig cells. <i>Biological Chemistry</i> , 2013, 394, 1181-1194.	1.2	14
32	Development of Two Murine Antibodies against <i>Neospora caninum</i> Using Phage Display Technology and Application on the Detection of <i>N. caninum</i> . <i>PLoS ONE</i> , 2013, 8, e53264.	1.1	13
33	Expression of insulin-like factor 3 hormone-receptor system in the reproductive organs of male goats. <i>Cell and Tissue Research</i> , 2015, 362, 407-420.	1.5	12
34	Physiology and evolution of the INSL3/RXFP2 hormone/receptor system in higher vertebrates. <i>General and Comparative Endocrinology</i> , 2020, 299, 113583.	0.8	12
35	Identification of Boar Testis as a Source and Target Tissue of Relaxin. <i>Annals of the New York Academy of Sciences</i> , 2009, 1160, 194-196.	1.8	11
36	Time-resolved fluoroimmunoassay (TR-FIA) of porcine relaxin. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1999, 107, 276-280.	0.6	10

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37	Effect of relaxin on the motility, acrosome reaction and utilization of glucose of fresh and frozen-thawed bovine spermatozoa. <i>Animal Science Journal</i> , 2007, 78, 495-502.	0.6	10
38	<i>Bombyx mori</i> Nucleopolyhedrovirus Displaying <i>Neospora caninum</i> Antigens as a Vaccine Candidate Against <i>N. caninum</i> Infection in Mice. <i>Molecular Biotechnology</i> , 2015, 57, 145-154.	1.3	10
39	Monitoring the reactive oxygen species in spermatozoa during liquid storage of boar semen and its correlation with sperm motility, free thiol content and seasonality. <i>Andrologia</i> , 2021, 53, e14237.	1.0	9
40	Effect of relaxin on motility, acrosome reaction and viability of cryopreserved boar spermatozoa. <i>Reproductive Medicine and Biology</i> , 2006, 5, 215-220.	1.0	8
41	Partial cDNA sequence of a relaxin-like factor (RLF) receptor, LGR8 and possible existence of the RLF ligand-receptor system in goat testes. <i>Animal Science Journal</i> , 2010, 81, 681-686.	0.6	8
42	Factors associated with patency of the uterine cervix in bitches with pyometra. <i>Research in Veterinary Science</i> , 2012, 93, 1203-1210.	0.9	8
43	Relaxin exerts a protective effect during ischemia-reperfusion in the rat model. <i>Andrology</i> , 2021, , .	1.9	7
44	Protein localization of relaxin-like factor in goat testes and its expression pattern during sexual development. <i>Nihon Chikusan Gakkaiho</i> , 2010, 81, 1-9.	0.0	7
45	Expression and localization of RLF/ INSL3 receptor RXFP2 in boar testes. <i>Italian Journal of Anatomy and Embryology</i> , 2013, 118, 23-5.	0.1	7
46	Subcellular localization of the antigenic sites of relaxin in the luteal cells of the pregnant rat using an improved immunocytochemical technique. <i>Animal Reproduction Science</i> , 1992, 29, 123-132.	0.5	6
47	Expression and cellular pattern of relaxin mRNA in porcine corpora lutea during pregnancy. <i>Cell and Tissue Research</i> , 2007, 330, 303-312.	1.5	6
48	Subcellular location of the maturation process of relaxin in rat luteal cells during pregnancy as revealed by immunogold labeling. <i>Animal Reproduction Science</i> , 1993, 34, 159-166.	0.5	5
49	Existence and Differential Changes of Peptidylarginine Deiminase Type II in Mouse Yolk-Sac Erythroid Cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 1995, 59, 552-554.	0.6	5
50	Evaluation of recombinant <i>Neospora caninum</i> antigens purified from silkworm larvae for the protection of <i>N. caninum</i> infection in mice. <i>Journal of Bioscience and Bioengineering</i> , 2015, 120, 715-719.	1.1	5
51	Evidence for existence of insulin-like factor 3 (INSL3) hormone-receptor system in the ovarian corpus luteum and extra-ovarian reproductive organs during pregnancy in goats. <i>Cell and Tissue Research</i> , 2021, 385, 173-189.	1.5	5
52	Ultrastructural Properties and Immunolocalization of Relaxin in the Cytoplasmic Electron-Dense Granules of Large Luteal Cells During Pregnancy in the Cow.. <i>Journal of Reproduction and Development</i> , 2001, 47, 217-225.	0.5	3
53	Effects of Relaxin on Development of Mesangial Proliferative Nephritis. <i>Annals of the New York Academy of Sciences</i> , 2009, 1160, 300-303.	1.8	3
54	Detection of Relaxin mRNA in the Corpus Luteum, Uterus, and Uterine Cervix in the Bitch. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 1383-1386.	0.3	3

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55	14 MOTILITY AND FERTILITY OF BULL SPERMATOZOA FROZEN IN EGG YOLK EXTENDER SUPPLEMENTED WITH LACTOFERRIN. <i>Reproduction, Fertility and Development</i> , 2007, 19, 125.	0.1	3
56	Insulin-like peptide 3 expressed in the silkworm possesses intrinsic disulfide bonds and full biological activity. <i>Scientific Reports</i> , 2017, 7, 17339.	1.6	2
57	Identification of Epitope on DNA-binding Protein Expressed in Insect Cell Infected by Baculovirus. <i>Molecular Biology Reports</i> , 2006, 33, 97-102.	1.0	0
58	Transduction of a <i>Neospora caninum</i> antigen gene into mammalian cells using a modified <i>Bombyx mori</i> nucleopolyhedrovirus for antibody production. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 606-610.	1.1	0
59	Recent Advances in Research on the Hormone INSL3 in Male Goats. , 2018, , .		0
60	Chicken peptidylarginine deiminase type I and III are constitutively expressed in the retinal neuron. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0