Yoko Kato

List of Publications by Year in descending order

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85 papers	2,674 citations	201385 27 h-index	182168 51 g-index
85 all docs	85 docs citations	85 times ranked	1924 citing authors

#	Article	IF	Citations
1	High incidence of ultraviolet-B-or chemical-carcinogen-induced skin tumours in mice lacking the xeroderma pigmentosum group A gene. Nature, 1995, 377, 165-168.	13.7	279
2	In Vitro Differentiation of Embryonic Stem Cells into Hepatocyte-Like Cells Identified by Cellular Uptake of Indocyanine Green. Stem Cells, 2002, 20, 146-154.	1.4	273
3	Role of Histone Acetylation in Reprogramming of Somatic Nuclei Following Nuclear Transfer1. Biology of Reproduction, 2006, 74, 1083-1089.	1.2	262
4	Production of Cloned Pigs from Adult Somatic Cells by Chemically Assisted Removal of Maternal Chromosomes1. Biology of Reproduction, 2002, 67, 442-446.	1.2	197
5	Direct Exposure of Chromosomes to Nonactivated Ovum Cytoplasm Is Effective for Bovine Somatic Cell Nucleus Reprogramming1. Biology of Reproduction, 2001, 64, 324-330.	1.2	152
6	In Vitro Functional Gut-Like Organ Formation from Mouse Embryonic Stem Cells. Stem Cells, 2002, 20, 41-49.	1.4	93
7	The developmental potential of mouse somatic cell nuclear-transferred oocytes treated with trichostatin A and 5-aza-2â€²-deoxycytidine. Zygote, 2009, 17, 109-115.	0.5	72
8	Nuclear Transfer of Adult Bone Marrow Mesenchymal Stem Cells: Developmental Totipotency of Tissue-Specific Stem Cells from an Adult Mammal1. Biology of Reproduction, 2004, 70, 415-418.	1.2	66
9	The Effects of Trichostatin A on mRNA Expression of Chromatin Structure-, DNA Methylation-, and Development-Related Genes in Cloned Mouse Blastocysts. Cloning and Stem Cells, 2008, 10, 133-142.	2.6	65
10	Comparative analysis of development-related gene expression in mouse preimplantation embryos with different developmental potential. Molecular Reproduction and Development, 2005, 72, 152-160.	1.0	64
11	Mouse cloned from embryonic stem (ES) cells synchronized in metaphase with nocodazole. The Journal of Experimental Zoology, 2001, 289, 139-145.	1.4	63
12	Expansion of genes encoding complement components in bony fish: biological implications of the complement diversity. Developmental and Comparative Immunology, 2003, 27, 749-762.	1.0	62
13	Developmental Potential of Mouse Follicular Epithelial Cells and Cumulus Cells After Nuclear Transfer1. Biology of Reproduction, 1999, 61, 1110-1114.	1.2	53
14	The complement component C5 of the common carp (Cyprinus carpio): cDNA cloning of two distinct isotypes that differ in a functional site. Immunogenetics, 2003, 54, 807-815.	1.2	52
15	Effect of Demecolcine and Nocodazole on the Efficiency of Chemically Assisted Removal of Chromosomes and the Developmental Potential of Nuclear Transferred Porcine Oocytes. Cloning and Stem Cells, 2003, 5, 379-387.	2.6	47
16	Comparison of Barium and Arsenic Concentrations in Well Drinking Water and in Human Body Samples and a Novel Remediation System for These Elements in Well Drinking Water. PLoS ONE, 2013, 8, e66681.	1.1	46
17	Reprogramming of Bovine Somatic Cell Nuclei Is Not Directly Regulated by Maturation Promoting Factor or Mitogen-Activated Protein Kinase Activity1. Biology of Reproduction, 2003, 69, 1890-1894.	1.2	44
18	Gene Expression in Individual Bovine Somatic Cell Cloned Embryos at the 8-cell and Blastocyst Stages of Preimplantation Development. Journal of Reproduction and Development, 2007, 53, 1247-1263.	0.5	39

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19	Molecular cloning of the complement regulatory factor I isotypes from the common carp (Cyprinus) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	37
20	Analysis of Development-Related Gene Expression in Cloned Bovine Blastocysts with Different Developmental Potential. Cloning and Stem Cells, 2006, 8, 41-50.	2.6	37
21	Bovine Oocytes with the Potential to Reprogram Somatic Cell Nuclei Have a Unique 23-kDa Protein, Phosphorylated Transcriptionally Controlled Tumor Protein (TCTP). Cloning and Stem Cells, 2007, 9, 267-280.	2.6	37
22	Developmental Competence of Vitrified-Warmed Bovine Oocytes at the Germinal-Vesicle Stage is Improved by Cyclic Adenosine Monophosphate Modulators during In Vitro Maturation. PLoS ONE, 2015, 10, e0126801.	1.1	37
23	Demecolcine-Assisted Enucleation for Bovine Cloning. Cloning and Stem Cells, 2006, 8, 61-66.	2.6	36
24	Molecular cloning of the complement C1r/C1s/MASP2-like serine proteases from the common carp (Cyprinus carpio). Immunogenetics, 2001, 52, 255-263.	1.2	35
25	Aerobic Oxidation of Thiols to Disulfides Catalyzed by Trichlorooxyvanadium. Chemical and Pharmaceutical Bulletin, 2004, 52, 625-627.	0.6	33
26	Purification and functional assessment of C3a, C4a and C5a of the common carp (Cyprinus carpio) complement*1. Developmental and Comparative Immunology, 2004, 28, 901-910.	1.0	31
27	Role of the donor nuclei in cloning efficiency: can the ooplasm reprogram any nucleus?. International Journal of Developmental Biology, 2010, 54, 1623-1629.	0.3	28
28	Effect of melatonin treatment on the developmental potential of parthenogenetic and somatic cell nuclear-transferred porcine oocytesin vitro. Zygote, 2012, 20, 199-207.	0.5	28
29	Toxic elements in well water from Malaysia. Toxicological and Environmental Chemistry, 2010, 92, 1609-1612.	0.6	23
30	Effect of delayed enucleation on the developmental potential of nuclear-transferred oocytes receiving adult and fetal fibroblast cells. Zygote, 2002, 10, 217-222.	0.5	21
31	Comparative Studies on the mRNA Expression of Development-Related Genes in an Individual Mouse Blastocyst with Different Developmental Potential. Cloning and Stem Cells, 2006, 8, 214-224.	2.6	20
32	Comparative Gene Expression Analysis of Bovine Nuclear-Transferred Embryos with Different Developmental Potential by cDNA Microarray and Real-Time PCR to Determine Genes That Might Reflect Calf Normality. Cloning and Stem Cells, 2007, 9, 495-511.	2.6	19
33	Production of Monozygotic Twins after Freezing and Thawing of Bisected Mouse Embryos. Cryobiology, 1998, 37, 139-145.	0.3	18
34	Effects of Nuclear Transfer Procedures on ES Cell Cloning Efficiency in the Mouse. Journal of Reproduction and Development, 2004, 50, 263-268.	0.5	18
35	Effects of Several Factors on the Monozygotic Twin Production in the Mouse.. Journal of Reproduction and Development, 1997, 43, 91-95.	0.5	17
36	The Recent Progress on Nuclear Transfer in Mammals. Zoological Science, 2000, 17, 1177-1184.	0.3	16

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37	Aging of Recipient Oocytes Reduces the Development of Cloned Embryos Receiving Cumulus Cells. Journal of Reproduction and Development, 2007, 53, 785-790.	0.5	16
38	Effect of melatonin treatment on developmental potential of somatic cell nuclear-transferred mouse oocytes in vitro. Zygote, 2014, 22, 213-217.	0.5	16
39	Aberrant spindle assembly checkpoint in bovine somatic cell nuclear transfer oocytes. Frontiers in Bioscience - Landmark, 2007, 12, 2693.	3.0	16
40	Song preference of female Bengalese finches as measured by operant conditioning. Journal of Ethology, 2010, 28, 447-453.	0.4	15
41	Development of Enucleated Mouse Oocytes Receiving PDGF or FGF Treated Fetal Male Germ Cells after Activation with Electrical Stimulation.. Journal of Reproduction and Development, 1995, 41, 71-75.	0.5	14
42	Elevated soluble tumor necrosis factor receptor levels in seasonal allergic rhinitis patients. Allergy: European Journal of Allergy and Clinical Immunology, 1999, 54, 278-282.	2.7	13
43	Comparison of In Vitro Development of Porcine Nuclear-Transferred Oocytes Receiving Fetal Somatic Cells by Injection and Fusion Methods. Cloning and Stem Cells, 2004, 6, 67-72.	2.6	13
44	The Developmental Potential of Parthenogenetic and Somatic Cell Nuclear-Transferred Rat Oocytes In Vitro. Cloning and Stem Cells, 2008, 10, 453-460.	2.6	13
45	Cryopreservation of Bovine Somatic Cell Nuclear-Transferred Blastocysts: Effect of Developmental Stage. Journal of Reproduction and Development, 2004, 50, 593-598.	0.5	11
46	Song memory in female birds: neuronal activation suggests phonological coding. NeuroReport, 2010, 21, 404-409.	0.6	8
47	Effects of Aggregation of Nuclear-transferred Mouse Embryos Developed from Enucleated Eggs Receiving ES Cells on In Vitro and In Vivo Development.. Journal of Reproduction and Development, 2002, 48, 393-397.	0.5	8
48	Pluripotency of mouse embryonic cells on germline at 3.5-8.5 and 11.5 days post-coitum after aggregation with precompacted embryos. Development Growth and Differentiation, 1995, 37, 79-84.	0.6	7
49	Manganese in toenails is associated with hearing loss at high frequencies in humans. Biomarkers, 2018, 23, 533-539.	0.9	7
50	Hearing loss in humans drinking tube well water with high levels of iron in arsenicâ€“polluted area. Scientific Reports, 2019, 9, 9028.	1.6	7
51	The effect of the time interval between injection and parthenogenetic activation on the spindle formation and the in vitro developmental potential of somatic cell nuclear-transferred rat oocytes. Zygote, 2010, 18, 9-15.	0.5	6
52	Coptis Rhizome and Phellodendron Bark Extracts and Berberine Inhibit the Development of Mouse Embryos. Journal of Mammalian Ova Research, 2011, 28, 40-46.	0.1	6
53	Slight Improvement in Full-Term Development of Mouse Somatic Cell Nuclear-Transferred Embryos by Cotransfer of Fertilized Embryos. Cellular Reprogramming, 2012, 14, 38-44.	0.5	6
54	Abnormal cortical activation during an auditory word comprehension task in benign childhood epilepsy with centrotemporal spikes: A magnetoencephalographic study. Epilepsy and Behavior, 2018, 87, 159-166.	0.9	6

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55	Effects of Cell Cycle Stage of Donor Nuclei on the Development of Bovine Nuclear Transferred Embryos.. Journal of Reproduction and Development, 1996, 42, 61-65.	0.5	6
56	Studies on the Isolation, identification and viability of primordial germ cells in the mouse.. The Japanese Journal of Animal Reproduction, 1990, 36, 235-239.	0.2	5
57	Studies on the Development of Aggregation Chimaeras Experimentally Produced Between 8 to 16-Cell Embryos and the Isolated Fetal Germ Cells in the Mouse.. The Japanese Journal of Animal Reproduction, 1991, 37, 225-230.	0.2	5
58	Parthenogenesis and Nuclear Transfer in Rabbit Oocytes. , 2004, 254, 195-212.		4
59	Maintenance of Meiotic Arrest and Developmental Potential of Porcine Oocytes after Parthenogenetic Activation and Somatic Cell Nuclear Transfer. Cloning and Stem Cells, 2005, 7, 167-177.	2.6	4
60	Effect of Human Chorionic Gonadotropin and Progesterone Administration on the Developmental Potential of Mouse Somatic Cell Nuclear-Transferred Oocytes. Cellular Reprogramming, 2010, 12, 183-189.	0.5	4
61	Sequential information of self-produced song is represented in the auditory areas in male Bengalese finches. NeuroReport, 2012, 23, 488-492.	0.6	4
62	Abnormal cortical responses elicited by audiovisual movies in patients with autism spectrum disorder with atypical sensory behavior: A magnetoencephalographic study. Brain and Development, 2022, 44, 81-94.	0.6	4
63	Nuclear Transfer Technologies. , 2002, , 195-231.		4
64	Effect of Oxygen Tension on the Developmental Potential of Parthenogenetic Oocytes and Nuclear-Transferred Porcine Oocytes Receiving Fetal Fibroblast Cells.. Journal of Reproduction and Development, 2002, 48, 409-414.	0.5	4
65	Cloning in Cattle. , 2005, , .		3
66	Local Levels of Soluble Tumor Necrosis Factor Receptors in Patients With Allergic Rhinitis Are Regulated by Amount of Antigen. JAMA Otolaryngology, 2000, 126, 997.	1.5	2
67	Nuclear Transfer Technologies. , 2014, , 195-227.		2
68	Mouse cloned from embryonic stem (ES) cells synchronized in metaphase with nocodazole. , 2001, 289, 139.		2
69	Nuclear Transplantation of Mouse Inner Cell Mass and Trophectoderm Cells into Enucleated Two-Cell Embryos.. Journal of Reproduction and Development, 1998, 44, 1-6.	0.5	2
70	Nuclear Transfer of Inner Cell Mass Cells and Fetal Germ Cells at Different Cell Cycles into Enucleated Zygotes at the M Phase in the Mouse.. Journal of Reproduction and Development, 1995, 41, 345-351.	0.5	2
71	Administration of cyclosporin A to recipients improves the potential of mouse somatic cell nuclear-transferred oocytes to develop to fetuses. Zygote, 2012, 20, 261-267.	0.5	1
72	Donor Cell Type and Cloning Efficiency in Mammals. , 2014, , 127-135.		1

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73	Estimating the Survival Probability of Nuclear-Transfer Embryos before Embryo Transfer by a Novel Biopsy: Oct4 and Sox2 Gene Expression Patterns of a Monozygotic Twin Blastocyst Separated at the 2-Cell Stage of Nuclear-Transfer Embryos. Journal of Mammalian Ova Research, 2016, 33, 55-61.	0.1	1
74	Mitogen-Activated Protein Kinase Activity Is Not Essential for the First Step of Nuclear Reprogramming in Bovine Somatic Cell Nuclear Transfer. Cellular Reprogramming, 2017, 19, 95-106.	0.5	1
75	Variation in auditory neural activation in response to strain-specific songs in wild and domesticated female Bengalese finches. Behavioural Brain Research, 2020, 395, 112840.	1.2	1
76	Developmental Ability of CD-1 Strain Mouse Embryos In Vitro and In Vivo with the Different Glucose Phosphate Isomerase Patterns.. Journal of Reproduction and Development, 1997, 43, 205-211.	0.5	1
77	Effects of low selenium diet on the behavioral patterns and some constituents of blood in laying hens.. Nihon Kakin Gakkaishi = Japanese Poultry Science, 1989, 26, 257-264.	0.3	1
78	Production of Offspring by Nuclear Transferred Bovine Embryos Produced In Vitro.. Journal of Reproduction and Development, 1994, 40, 167-170.	0.5	1
79	Effects of the Age of Donor Embryos on the Developmental Ability of Bovine Nuclear Transferred Eggs In Vitro.. Journal of Reproduction and Development, 1997, 43, 261-265.	0.5	1
80	Aerobic Oxidation of Thiols to Disulfides Catalyzed by Trichlorooxyvanadium.. ChemInform, 2004, 35, no.	0.1	0
81	Effects of Rizoma Arisaematis, a Traditional Chinese Natural Medicine, on In Vitro Development of Mouse In Vivo Zygotes and Embryos Produced by Intracytoplasmic Sperm Injection and Somatic Cell Nuclear Transfer. Journal of Mammalian Ova Research, 2012, 29, 128-134.	0.1	0
82	Estimating the Survival Probability of Nuclear-Transfer Embryos before Embryo Transfer by a Novel Biopsy: Oct4 and Sox2 Gene Expression Patterns of a Monozygotic Twin Blastocyst Separated at the 2-Cell Stage of Nuclear-Transfer Embryos. Journal of Mammalian Ova Research, 2016, 33, 55-61.	0.1	0
83	Gamete and Embryo Technology: Cloning. , 2022, , 868-873.		0
84	SONG MEMORY INCLUDING SEQUENTIAL INFORMATION IN MALE BENGALESE FINCHE'S AUDITORY AREA. , 2012, , .		0
85	Pluripotency of Embryonic Nuclei in the Mouse. Journal of Reproduction and Development, 1997, 43, j47-j54.	0.5	0