Kentaro Katayama

List of Publications by Year
in descending order

22	327	1162367 8	839053 18
papers	citations	h-index	g-index

22	22	22	428
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A spontaneous mutation of the Wwox gene and audiogenic seizures in rats with lethal dwarfism and epilepsy. Genes, Brain and Behavior, 2009, 8, 650-660.	1.1	71
2	Insertional mutation in the Golgb1 gene is associated with osteochondrodysplasia and systemic edema in the OCD rat. Bone, 2011, 49, 1027-1036.	1.4	53
3	A role for the Golgi matrix protein giantin in ciliogenesis through control of the localization of dynein-2. Journal of Cell Science, 2013, 126, 5189-97.	1.2	42
4	Short-Limbed Dwarfism: slw Is a New Allele of Npr2 Causing Chondrodysplasia. Journal of Heredity, 2007, 98, 575-580.	1.0	32
5	Giantin is required for coordinated production of aggrecan, link protein and type XI collagen during chondrogenesis. Biochemical and Biophysical Research Communications, 2018, 499, 459-465.	1.0	31
6	Loss of Wwox Causes Defective Development of Cerebral Cortex with Hypomyelination in a Rat Model of Lethal Dwarfism with Epilepsy. International Journal of Molecular Sciences, 2019, 20, 3596.	1.8	19
7	A New ENU-Induced Mutant Mouse with Defective Spermatogenesis Caused by a Nonsense Mutation of the Syntaxin 2/Epimorphin (Stx2/Epim) Gene. Journal of Reproduction and Development, 2008, 54, 122-128.	0.5	14
8	A Mutation in the Nuclear Pore Complex Gene Tmem48 Causes Gametogenesis Defects in Skeletal Fusions with Sterility (sks) Mice. Journal of Biological Chemistry, 2013, 288, 31830-31841.	1.6	12
9	Empagliflozin ameliorates symptoms of diabetes and renal tubular dysfunction in a rat model of diabetes with enlarged kidney (DEK). PLoS ONE, 2021, 16, e0251135.	1.1	9
10	Age-Related Pathophysiological Changes in Rats with Unilateral Renal Agenesis. Journal of Veterinary Medical Science, 2011, 73, 787-795.	0.3	8
11	Characterization of chromosomal inversion of the mouse hairy ears (Eh) mutation associated with cleft palate. Mammalian Genome, 2007, 18, 246-254.	1.0	7
12	Critical roles of Astrin in the mitosis of immature rat Sertoli cells. Biochemical and Biophysical Research Communications, 2017, 486, 958-964.	1.0	6
13	Heparanase Localization during Palatogenesis in Mice. BioMed Research International, 2013, 2013, 1-9.	0.9	5
14	Progression of renal fibrosis in congenital CKD model rats with reduced number of nephrons. Experimental and Toxicologic Pathology, 2017, 69, 245-258.	2.1	5
15	A Deletion in the Endothelin-B Receptor Gene is Responsible for the Waardenburg Syndrome-Like Phenotypes of WS4 Mice. Experimental Animals, 2006, 55, 491-495.	0.7	3
16	Suppressed Recombination on Mouse Chromosome 15 Defined Regions of Chromosomal Inversions Associated with Koala (Koa) and Hairy Ears (Eh) Mutations. Experimental Animals, 2008, 57, 73-77.	0.7	3
17	Characterization of the chromosomal inversion associated with the Koa mutation in the mouse revealed the cause of skeletal abnormalities. BMC Genetics, 2009, 10, 60.	2.7	3
18	Postnatal Development of Hypoplastic Thymus in Semi-Lethal Dwarf pet/pet Males. Journal of Veterinary Medical Science, 2011, 73, 495-499.	0.3	1

#	Article	IF	Citations
19	Characterization of the Skeletal Fusion with Sterility (sks) Mouse Showing Axial Skeleton Abnormalities Caused by Defects of Embryonic Skeletal Development. Experimental Animals, 2014, 63, 11-19.	0.7	1
20	Homeobox family Hoxc localization during murine palate formation. Congenital Anomalies (discontinued), 2016, 56, 172-179.	0.3	1
21	Characterization of Enlarged Kidneys and Their Potential for Inducing Diabetes in DEK Rats. Biology, 2021, 10, 633.	1.3	1
22	Dielectric property measurements of biological tissues: Recent activityies for development of a novel database. , 2014, , .		0