Robert E Seegmiller

List of Publications by Year
in descending order

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31 papers	751 citations	471509 17 h-index	526287 27 g-index
31 all docs	31 docs citations	31 times ranked	834 citing authors

#	Article	IF	Citations
1	Assessment of Gross Fetal Malformations: The Modernized Wilson Technique and Skeletal Staining. Methods in Molecular Biology, 2019, 1965, 421-434.	0.9	3
2	Understanding chondrodysplasia (cho): A comprehensive review of cho as an animal model of birth defects, disorders, and molecular mechanisms. Birth Defects Research, 2019, 111, 237-247.	1.5	4
3	Col11a1 Regulates Bone Microarchitecture during Embryonic Development. Journal of Developmental Biology, 2015, 3, 158-176.	1.7	36
4	Structural Variations in Articular Cartilage Matrix Are Associated with Early-Onset Osteoarthritis in the Spondyloepiphyseal Dysplasia Congenita (Sedc) Mouse. International Journal of Molecular Sciences, 2013, 14, 16515-16531.	4.1	14
5	Osteoarthritis-like changes in the heterozygous sedc mouse associated with the HtrA1â€“Ddr2â€“Mmp-13 degradative pathway: a new model of osteoarthritis. Osteoarthritis and Cartilage, 2012, 20, 430-439.	1.3	49
6	Assessment of Gross Fetal Malformations: The Modernized Wilson Technique and Skeletal Staining. Methods in Molecular Biology, 2012, 889, 451-463.	0.9	5
7	Regulation of Collagen Fibril Nucleation and Initial Fibril Assembly Involves Coordinate Interactions with Collagens V and XI in Developing Tendon. Journal of Biological Chemistry, 2011, 286, 20455-20465.	3.4	118
8	The Heterozygous Disproportionate Micromelia (Dmm) Mouse: Morphological Changes in Fetal Cartilage Precede Postnatal Dwarfism and Compared With Lethal Homozygotes Can Explain the Mild Phenotype. Journal of Histochemistry and Cytochemistry, 2008, 56, 1003-1011.	2.5	10
9	Collagen XI chain misassembly in cartilage of the chondrodysplasia (cho) mouse. Matrix Biology, 2007, 26, 597-603.	3.6	54
10	Aggrecan 1 expression in Dmm mice. FASEB Journal, 2006, 20, A545.	0.5	0
11	Combination therapy with folic acid and methionine in the prevention of retinoic acid-induced cleft palate in mice. Birth Defects Research Part A: Clinical and Molecular Teratology, 2003, 67, 168-173.	1.6	18
12	Auditory function associated with Col11a1 haploinsufficiency in chondrodysplasia (cho) mice. Hearing Research, 2003, 175, 178-182.	2.0	22
13	Protein consequences of the Col2a1 C-propeptide mutation in the chondrodysplastic Dmm mouse. Matrix Biology, 2003, 22, 449-453.	3.6	24
14	Altered mandibular development precedes the time of palate closure in mice homozygous for disproportionate micromelia: An oral clefting model supporting the Pierre-Robin sequence. Teratology, 2002, 65, 116-120.	1.6	38
15	The mechanism of palatal clefting in the Col11a1 mutant mouse. Archives of Oral Biology, 2001, 46, 865-869.	1.8	32
16	Developmental toxicity of carbon black oil in mice. Teratology, 2000, 62, 227-232.	1.6	8
17	A developmental toxicity study of tretinoin administered topically and orally to pregnant Wistar rats. Journal of the American Academy of Dermatology, 1997, 36, S60-S66.	1.2	20
18	Comparative developmental dermal toxicity and mutagenicity of carbazole and benzo[a]carbazole. Environmental Toxicology and Chemistry, 1997, 16, 2113-2117.	4.3	10

#	Article	IF	Citations
19	Disproportionate micromelia (Dmm) in mice caused by a mutation in the C-propeptide coding region ofCol2a1. Developmental Dynamics, 1997, 208, 25-33.	1.8	55
20	Pulmonary hypoplasia associated with reduced thoracic space in mice with disproportionate micromelia (DMM). The Anatomical Record, 1994, 238, 454-462.	1.8	11
21	Morphological differences elicited by two weak acids, retinoic and valproic, in rat embryos grown in vitro. Teratology, 1991, 43, 133-150.	1.6	29
22	Thoracic Volume Reduction as a Mechanism for Pulmonary Hypoplasia in Chondrodystrophic Mice. Pediatric Pathology, 1990, 10, 919-929.	0.5	10
23	Technique for estimating fetal mouse thoracic volumes through image analysis of histological sections. The Anatomical Record, 1989, 225, 176-179.	1.8	5
24	Pulmonary Hypoplasia in Mice Homozygous for the Cartilage Matrix Deficiency (Cmd) Gene: A Model for a Human Congenital Disorder. Pediatric Pathology, 1989, 9, 501-512.	0.5	10
25	Chondrodystrophic mice with coincidental agnathia: Evidence for the tongue obstruction hypothesis in cleft palate. Teratology, 1988, 38, 565-570.	1.6	22
26	Evaluation of the teratogenic potential of Delalutin (17Î±-hydroxyprogesterone caproate) in mice. Teratology, 1983, 28, 201-208.	1.6	43
27	Structural and Associative Properties of Cartilage Matrix Constituents in Mice with Hereditary Chondrodysplasia (cho). Connective Tissue Research, 1981, 9, 69-77.	2.3	9
28	Congenital malformations in Utah. Teratology, 1980, 22, 187-199.	1.6	14
29	Normal production of cartilage glycosaminoglycan in mice homozygous for the chondrodysplasia gene. Teratology, 1976, 13, 317-325.	1.6	18
30	Histological and fine structural changes during chondrogenesis in micromelia induced by 6-aminonicotinamide. Developmental Biology, 1972, 28, 555-572.	2.0	40
31	Coenzyme competition and precursor specificity during teratogenesis induced by 6-aminonicotinamide. Developmental Biology, 1972, 28, 573-582.	2.0	20