

# 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	Regulation of Collagen Fibril Nucleation and Initial Fibril Assembly Involves Coordinate Interactions with Collagens V and XI in Developing Tendon. <i>Journal of Biological Chemistry</i> , 2011, 286, 20455-20465.	3.4	118
2	Disproportionate micromelia (Dmm) in mice caused by a mutation in the C-propeptide coding region of Col2a1. <i>Developmental Dynamics</i> , 1997, 208, 25-33.	1.8	55
3	Collagen XI chain misassembly in cartilage of the chondrodysplasia (cho) mouse. <i>Matrix Biology</i> , 2007, 26, 597-603.	3.6	54
4	Osteoarthritis-like changes in the heterozygous sedc mouse associated with the HtrA1 and Ddr2 Mmp-13 degradative pathway: a new model of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 430-439.	1.3	49
5	Evaluation of the teratogenic potential of Delalutin (17 $\beta$ -hydroxyprogesterone caproate) in mice. <i>Teratology</i> , 1983, 28, 201-208.	1.6	43
6	Histological and fine structural changes during chondrogenesis in micromelia induced by 6-aminonicotinamide. <i>Developmental Biology</i> , 1972, 28, 555-572.	2.0	40
7	Altered mandibular development precedes the time of palate closure in mice homozygous for disproportionate micromelia: An oral clefting model supporting the Pierre-Robin sequence. <i>Teratology</i> , 2002, 65, 116-120.	1.6	38
8	Col11a1 Regulates Bone Microarchitecture during Embryonic Development. <i>Journal of Developmental Biology</i> , 2015, 3, 158-176.	1.7	36
9	The mechanism of palatal clefting in the Col11a1 mutant mouse. <i>Archives of Oral Biology</i> , 2001, 46, 865-869.	1.8	32
10	Morphological differences elicited by two weak acids, retinoic and valproic, in rat embryos grown in vitro. <i>Teratology</i> , 1991, 43, 133-150.	1.6	29
11	Protein consequences of the Col2a1 C-propeptide mutation in the chondrodysplastic Dmm mouse. <i>Matrix Biology</i> , 2003, 22, 449-453.	3.6	24
12	Chondrodystrophic mice with coincidental agnathia: Evidence for the tongue obstruction hypothesis in cleft palate. <i>Teratology</i> , 1988, 38, 565-570.	1.6	22
13	Auditory function associated with Col11a1 haploinsufficiency in chondrodysplasia (cho) mice. <i>Hearing Research</i> , 2003, 175, 178-182.	2.0	22
14	Coenzyme competition and precursor specificity during teratogenesis induced by 6-aminonicotinamide. <i>Developmental Biology</i> , 1972, 28, 573-582.	2.0	20
15	A developmental toxicity study of tretinoin administered topically and orally to pregnant Wistar rats. <i>Journal of the American Academy of Dermatology</i> , 1997, 36, S60-S66.	1.2	20
16	Normal production of cartilage glycosaminoglycan in mice homozygous for the chondrodysplasia gene. <i>Teratology</i> , 1976, 13, 317-325.	1.6	18
17	Combination therapy with folic acid and methionine in the prevention of retinoic acid-induced cleft palate in mice. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2003, 67, 168-173.	1.6	18
18	Congenital malformations in Utah. <i>Teratology</i> , 1980, 22, 187-199.	1.6	14

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19	Structural Variations in Articular Cartilage Matrix Are Associated with Early-Onset Osteoarthritis in the Spondyloepiphyseal Dysplasia Congenita (Sedc) Mouse. <i>International Journal of Molecular Sciences</i> , 2013, 14, 16515-16531.	4.1	14
20	Pulmonary hypoplasia associated with reduced thoracic space in mice with disproportionate micromelia (DMM). <i>The Anatomical Record</i> , 1994, 238, 454-462.	1.8	11
21	Pulmonary Hypoplasia in Mice Homozygous for the Cartilage Matrix Deficiency (Cmd) Gene: A Model for a Human Congenital Disorder. <i>Pediatric Pathology</i> , 1989, 9, 501-512.	0.5	10
22	Thoracic Volume Reduction as a Mechanism for Pulmonary Hypoplasia in Chondrodystrophic Mice. <i>Pediatric Pathology</i> , 1990, 10, 919-929.	0.5	10
23	Comparative developmental dermal toxicity and mutagenicity of carbazole and benzo[a]carbazole. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 2113-2117.	4.3	10
24	The Heterozygous Disproportionate Micromelia ( <i>Dmm</i> ) Mouse: Morphological Changes in Fetal Cartilage Precede Postnatal Dwarfism and Compared With Lethal Homozygotes Can Explain the Mild Phenotype. <i>Journal of Histochemistry and Cytochemistry</i> , 2008, 56, 1003-1011.	2.5	10
25	Structural and Associative Properties of Cartilage Matrix Constituents in Mice with Hereditary Chondrodysplasia ( <i>cho</i> ). <i>Connective Tissue Research</i> , 1981, 9, 69-77.	2.3	9
26	Developmental toxicity of carbon black oil in mice. <i>Teratology</i> , 2000, 62, 227-232.	1.6	8
27	Technique for estimating fetal mouse thoracic volumes through image analysis of histological sections. <i>The Anatomical Record</i> , 1989, 225, 176-179.	1.8	5
28	Assessment of Gross Fetal Malformations: The Modernized Wilson Technique and Skeletal Staining. <i>Methods in Molecular Biology</i> , 2012, 889, 451-463.	0.9	5
29	Understanding chondrodysplasia ( <i>cho</i> ): A comprehensive review of <i>cho</i> as an animal model of birth defects, disorders, and molecular mechanisms. <i>Birth Defects Research</i> , 2019, 111, 237-247.	1.5	4
30	Assessment of Gross Fetal Malformations: The Modernized Wilson Technique and Skeletal Staining. <i>Methods in Molecular Biology</i> , 2019, 1965, 421-434.	0.9	3
31	Aggrecan 1 expression in <i>Dmm</i> mice. <i>FASEB Journal</i> , 2006, 20, A545.	0.5	0