

Airway branching morphology of mature and immature

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Geometric determinants of airway resistance in two isomorphic rodent species. <i>Respiratory Physiology and Neurobiology</i> , 2002, 130, 317-325.	1.6	31
2	Computational model of airway narrowing: mature vs. immature rabbit. <i>Journal of Applied Physiology</i> , 2002, 93, 611-619.	2.5	10
3	A Simple Geometrical Pattern for the Branching Distribution of the Bronchial Tree, Useful to Estimate Optimality Departures. <i>Acta Biotheoretica</i> , 2004, 52, 1-16.	1.5	9
4	Location of Flow Limitation in Liquid-Filled Rabbit Lungs. <i>ASAIO Journal</i> , 2005, 51, 781-788.	1.6	9
5	Relating Airway Diameter Distributions to Regular Branching Asymmetry in the Lung. <i>Physical Review Letters</i> , 2005, 95, 168101.	7.8	50
6	The interface between measurement and modeling of peripheral lung mechanics. <i>Respiratory Physiology and Neurobiology</i> , 2005, 148, 153-164.	1.6	51
7	Effect of Levocetirizine on the Contraction Induced by Histamine on Isolated Rabbit Bronchioles from Precision-Cut Lung Slices. <i>Pharmacology</i> , 2006, 78, 61-65.	2.2	3
8	Endoscopic evaluation of bronchial morphology in rabbits. <i>American Journal of Veterinary Research</i> , 2007, 68, 1022-1027.	0.6	6
9	Effects of Respiratory Rate and Tidal Volume on Gas Exchange in Total Liquid Ventilation. <i>ASAIO Journal</i> , 2009, 55, 373-381.	1.6	4
10	Estimating the diameter of airways susceptible for collapse using crackle sound. <i>Journal of Applied Physiology</i> , 2009, 107, 1504-1512.	2.5	5
11	The Rabbit as a Model for Studying Lung Disease and Stem Cell Therapy. <i>BioMed Research International</i> , 2013, 2013, 1-12.	1.9	55
12	A rabbit lung morphology model for aerosol deposition and clearance. <i>Journal of Aerosol Science</i> , 2016, 99, 144-156.	3.8	2
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14	Anatomical and histological characteristics of the lungs in the ground squirrel (<i>Spermophilus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.5	8
15	FRACTAL ANALYSIS AND NUMERICAL SIMULATION ON PULSATING FLOW PATTERNS IN A THREE-DIMENSIONAL BRONCHIAL TREE. <i>Fractals</i> , 2021, 29, 2150053.	3.7	4
16	Fractals in Biology. , 2009, , 3779-3802.		4
17	Fractals in Biology. , 2012, , 488-511.		1
18	Morphology and specifics of morphometry of lungs and myocardium of heart ventricles of cattle, sheep and horses. <i>Regulatory Mechanisms in Biosystems</i> , 2022, 13, 53-59.	0.6	3

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19	Detection of morphometrical, histological and histochemical characteristics of lung and trachea in adult local squirrel (<i>Sciurus anomalus</i>). <i>Revista Bionatura</i> , 2022, 7, 1-9.	0.4	0
20	Peculiarities of morphoarchitectonics of the lungs of a sexually mature horse (<i>Equus Feruscaballus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	0.2	0
21	Features of lung organometry in domestic animals of the Mammalian class (Mammalia). <i>Ukrainian Journal of Veterinary Sciences</i> , 2023, 14, .	0.2	0
22	Animals in Respiratory Research. <i>International Journal of Molecular Sciences</i> , 2024, 25, 2903.	4.1	0