

Brian M Varisco

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

602
citations

686830

13
h-index

713013

21
g-index

36
all docs

36
docs citations

36
times ranked

1058
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of a gene expression-based subclassification strategy for pediatric septic shock*. Critical Care Medicine, 2011, 39, 2511-2517.	0.4	140
2	Epigenetic Regulation of Thy-1 by Histone Deacetylase Inhibitor in Rat Lung Fibroblasts. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 16-23.	1.4	96
3	Wntless is required for peripheral lung differentiation and pulmonary vascular development. Developmental Biology, 2013, 379, 38-52.	0.9	65
4	Thy-1 Signals through PPAR β to Promote Lipofibroblast Differentiation in the Developing Lung. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 765-772.	1.4	56
5	The Pharmacology of Acute Lung Injury in Sepsis. Advances in Pharmacological Sciences, 2011, 2011, 1-7.	3.7	34
6	Zinc supplementation leads to immune modulation and improved survival in a juvenile model of murine sepsis. Innate Immunity, 2017, 23, 67-76.	1.1	27
7	Dynamic expression of chymotrypsin-like elastase 1 over the course of murine lung development. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L1104-L1116.	1.3	22
8	Role for <i>Cela1</i> in Postnatal Lung Remodeling and Alpha-1 Antitrypsin-Deficient Emphysema. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 167-178.	1.4	19
9	Peripheral blood transcriptomic sub-phenotypes of pediatric acute respiratory distress syndrome. Critical Care, 2020, 24, 681.	2.5	18
10	Localization and stretch-dependence of lung elastase activity in development and compensatory growth. Journal of Applied Physiology, 2015, 118, 921-931.	1.2	17
11	Proteomic profiling of tracheal fluid in an ovine model of congenital diaphragmatic hernia and fetal tracheal occlusion. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L1028-L1041.	1.3	17
12	Matrix Metalloproteinase-8 Augments Bacterial Clearance in a Juvenile sepsis Model. Molecular Medicine, 2016, 22, 455-463.	1.9	15
13	Excessive Reversal of Epidermal Growth Factor Receptor and Ephrin Signaling Following Tracheal Occlusion in Rabbit Model of congenital Diaphragmatic Hernia. Molecular Medicine, 2016, 22, 398-411.	1.9	15
14	Role of matrix metalloproteinase-8 as a mediator of injury in intestinal ischemia and reperfusion. FASEB Journal, 2016, 30, 3453-3460.	0.2	15
15	Stretch regulates expression and binding of chymotrypsin-like elastase 1 in the postnatal lung. FASEB Journal, 2016, 30, 590-600.	0.2	14
16	JNK suppresses pulmonary fibroblast elastogenesis during alveolar development. Respiratory Research, 2014, 15, 34.	1.4	12
17	Mouse Pneumonectomy Model of Compensatory Lung Growth. Journal of Visualized Experiments, 2014, , .	0.2	5
18	Sex-specific differences in emphysema using a murine antisense oligonucleotide model of α -1 antitrypsin deficiency. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L1165-L1173.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Validating in vivo hyperpolarized ¹²⁹ Xe diffusion MRI and diffusion morphometry in the mouse lung. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 2160-2173.	1.9	4
20	Fetal Tracheal Occlusion Increases Lung Basal Cells via Increased Yap Signaling. <i>Frontiers in Pediatrics</i> , 2021, 9, 780166.	0.9	4
21	Multi-omic characterization of pediatric ARDS via nasal brushings. <i>Respiratory Research</i> , 2022, 23, .	1.4	2
22	Lung microstructure in adolescent idiopathic scoliosis before and after posterior spinal fusion. <i>PLoS ONE</i> , 2020, 15, e0240265.	1.1	0
23	High-Frequency Jet Ventilation Is Making Slow Inroads to the Pediatric ICU. <i>Respiratory Care</i> , 2021, 66, 349-350.	0.8	0
24	Therapeutic Gases in the Pediatric ICU. , 2014, , 163-173.		0
25	Lung microstructure in adolescent idiopathic scoliosis before and after posterior spinal fusion. , 2020, 15, e0240265.		0
26	Lung microstructure in adolescent idiopathic scoliosis before and after posterior spinal fusion. , 2020, 15, e0240265.		0
27	Lung microstructure in adolescent idiopathic scoliosis before and after posterior spinal fusion. , 2020, 15, e0240265.		0
28	Lung microstructure in adolescent idiopathic scoliosis before and after posterior spinal fusion. , 2020, 15, e0240265.		0