

Elaine L Shelton

List of Publications by Year in descending order

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papers

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516710

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39
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39
docs citations

39
times ranked

1029
citing authors

#	ARTICLE	IF	CITATIONS
1	Patent Ductus Arteriosus of the Preterm Infant. <i>Pediatrics</i> , 2020, 146, .	2.1	124
2	Tbx20 regulation of endocardial cushion cell proliferation and extracellular matrix gene expression. <i>Developmental Biology</i> , 2007, 302, 376-388.	2.0	114
3	Twist1 function in endocardial cushion cell proliferation, migration, and differentiation during heart valve development. <i>Developmental Biology</i> , 2008, 317, 282-295.	2.0	89
4	Efficacy of paracetamol on patent ductus arteriosus closure may be dose dependent: evidence from human and murine studies. <i>Pediatric Research</i> , 2014, 76, 238-244.	2.3	67
5	Mouse models of preterm birth: suggested assessment and reporting guidelines. <i>Biology of Reproduction</i> , 2018, 99, 922-937.	2.7	62
6	Embryonic domains of the aorta derived from diverse origins exhibit distinct properties that converge into a common phenotype in the adult. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 69, 88-96.	1.9	49
7	Genetics of the patent ductus arteriosus (PDA) and pharmacogenetics of PDA treatment. <i>Seminars in Fetal and Neonatal Medicine</i> , 2018, 23, 232-238.	2.3	34
8	Transcriptional profiling reveals ductus arteriosus-specific genes that regulate vascular tone. <i>Physiological Genomics</i> , 2014, 46, 457-466.	2.3	33
9	Aminoglycoside-mediated relaxation of the ductus arteriosus in sepsis-associated PDA. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H732-H740.	3.2	29
10	Selective serotonin reuptake inhibitor exposure constricts the mouse ductus arteriosus in utero. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H572-H581.	3.2	26
11	Effects of Advancing Gestation and Non-Caucasian Race on Ductus Arteriosus Gene Expression. <i>Journal of Pediatrics</i> , 2015, 167, 1033-1041.e2.	1.8	22
12	Prophylactic Indomethacin Revisited. <i>Journal of Pediatrics</i> , 2017, 186, 11-14.e1.	1.8	21
13	High-Throughput Screening of Myometrial Calcium-Mobilization to Identify Modulators of Uterine Contractility. <i>PLoS ONE</i> , 2015, 10, e0143243.	2.5	21
14	Omental grafting: a cell-based therapy for blood vessel repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 421-433.	2.7	20
15	Molecular and mechanical factors contributing to ductus arteriosus patency and closure. <i>Congenital Heart Disease</i> , 2019, 14, 15-20.	0.2	19
16	Effects of antenatal betamethasone on preterm human and mouse ductus arteriosus: comparison with baboon data. <i>Pediatric Research</i> , 2018, 84, 458-465.	2.3	17
17	Transcriptional profiling of the ductus arteriosus: Comparison of rodent microarrays and human RNA sequencing. <i>Seminars in Perinatology</i> , 2018, 42, 212-220.	2.5	15
18	Structure-Activity Relationships, Pharmacokinetics, and Pharmacodynamics of the Kir6.2/SUR1-Specific Channel Opener VU0071063. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 350-359.	2.5	13

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19	Renal lymphatic vessel dynamics. American Journal of Physiology - Renal Physiology, 2020, 319, F1027-F1036.	2.7	13
20	Autotaxin Signaling Governs Phenotypic Heterogeneity in Visceral and Parietal Mesothelia. PLoS ONE, 2013, 8, e69712.	2.5	12
21	Cimetidine-associated patent ductus arteriosus is mediated via a cytochrome P450 mechanism independent of H2 receptor antagonism. Journal of Molecular and Cellular Cardiology, 2013, 59, 86-94.	1.9	11
22	Novel drug targets for ductus arteriosus manipulation: Looking beyond prostaglandins. Seminars in Perinatology, 2018, 42, 221-227.	2.5	11
23	<i>CYP2C9*2</i> is associated with indomethacin treatment failure for patent ductus arteriosus. Pharmacogenomics, 2019, 20, 939-946.	1.3	11
24	Kidney injury-mediated disruption of intestinal lymphatics involves dicarbonyl-modified lipoproteins. Kidney International, 2021, 100, 585-596.	5.2	11
25	Thymosin β 4 mobilizes mesothelial cells for blood vessel repair. Annals of the New York Academy of Sciences, 2012, 1269, 125-130.	3.8	8
26	Association of chorioamnionitis and patent ductus arteriosus in a national U.S. cohort. Journal of Perinatology, 2021, 41, 119-125.	2.0	7
27	Kidney Injury Causes Accumulation of Renal Sodium That Modulates Renal Lymphatic Dynamics. International Journal of Molecular Sciences, 2022, 23, 1428.	4.1	7
28	Comparative analysis of myometrial and vascular smooth muscle cells to determine optimal cells for use in drug discovery. Pharmacological Research, 2019, 146, 104268.	7.1	5
29	Current Controversy on Platelets and Patent Ductus Arteriosus Closure in Preterm Infants. Frontiers in Pediatrics, 2021, 9, 612242.	1.9	5
30	Heart Development and β -Box Transcription Factors: Lessons from Avian Embryos. Advances in Developmental Biology (Amsterdam, Netherlands), 2007, , 69-91.	0.4	3
31	Role of dopamine and selective dopamine receptor agonists on mouse ductus arteriosus tone and responsiveness. Pediatric Research, 2020, 87, 991-997.	2.3	3
32	Bronchopulmonary dysplasia is associated with polyhydramnios in a scan for novel perinatal risk factors. Pediatric Research, 2023, 93, 154-159.	2.3	2
33	Autotaxin, a potent inducer of cell motility and differentiation, is differentially expressed in visceral and parietal mesothelia. FASEB Journal, 2012, 26, 727.3.	0.5	0
34	Abstract 331: Argon Promotes Vasorelaxation in Rat Pulmonary and Mesenteric Arteries. Circulation, 2018, 138, .	1.6	0
35	K ATP channels in ductus arteriosus function and pathophysiology: mechanism of action and therapeutic potential. FASEB Journal, 2019, 33, 827.14.	0.5	0
36	Molecular, Genetic, and Pharmacological Modulation of the Ductus Arteriosus: KATP Channels as Novel Drug Targets. , 2020, , 235-242.		0