Dina K Gaynullina

List of Publications by Year
in descending order

31 papers	382 citations	686830 13 h-index	839053 18 g-index
33 all docs	33 docs citations	33 times ranked	299 citing authors

#	Article	IF	Citations
1	Region-specific effects of antenatal/early postnatal hypothyroidism on endothelial NO-pathway activity in systemic circulation. Current Research in Physiology, 2022, 5, 8-15.	0.8	1
2	The Effects of Acidosis on eNOS in the Systemic Vasculature: A Focus on Early Postnatal Ontogenesis. International Journal of Molecular Sciences, 2022, 23, 5987.	1.8	4
3	Remodeling of Arterial Tone Regulation in Postnatal Development: Focus on Smooth Muscle Cell Potassium Channels. International Journal of Molecular Sciences, 2021, 22, 5413.	1.8	8
4	MAPKs Are Highly Abundant but Do Not Contribute to Î±1-Adrenergic Contraction of Rat Saphenous Arteries in the Early Postnatal Period. International Journal of Molecular Sciences, 2021, 22, 6037.	1.8	2
5	Intrauterine Nitric Oxide Deficiency Weakens Differentiation of Vascular Smooth Muscle in Newborn Rats. International Journal of Molecular Sciences, 2021, 22, 8003.	1.8	4
6	Intrauterineï»¿ growth restriction weakens anticontractile influence of NO in coronary arteries of adult rats. Scientific Reports, 2021, 11, 14475.	1.6	2
7	Thyroxine Induces Acute Relaxation of Rat Skeletal Muscle Arteries via Integrin Î±vÎ²3, ERK1/2 and Integrin-Linked Kinase. Frontiers in Physiology, 2021, 12, 726354.	1.3	2
8	Intrauterine L-NAME Exposure Weakens the Development of Sympathetic Innervation and Induces the Remodeling of Arterial Vessels in Two-Week-Old Rats. International Journal of Molecular Sciences, 2021, 22, 12327.	1.8	1
9	TASKâ€1 channel blockade by AVE1231 increases vasocontractile responses and BP in 1â€to 2â€weekâ€old but not adult rats. British Journal of Pharmacology, 2020, 177, 5148-5162.	2.7	22
10	Trophic sympathetic influence weakens pro-contractile role of Clâ¯ channels in rat arteries during postnatal maturation. Scientific Reports, 2020, 10, 20002.	1.6	3
11	The Functional Availability of Arterial Kv7 Channels Is Suppressed Considerably by Large-Conductance Calcium-Activated Potassium Channels in 2- to 3-Month Old but Not in 10- to 15-Day Old Rats. Frontiers in Physiology, 2020, 11, 597395.	1.3	8
12	Negative feedback regulation of vasocontraction by potassium channels in 10â€to 15â€dayâ€old rats: Dominating role of K_v7 channels. Acta Physiologica, 2019, 225, e13176.	1.8	27
13	Changes in Endothelial Nitric Oxide Production in Systemic Vessels during Early Ontogenesisâ€”A Key Mechanism for the Perinatal Adaptation of the Circulatory System. International Journal of Molecular Sciences, 2019, 20, 1421.	1.8	16
14	Proâ€contractile role of chloride in arterial smooth muscle: Postnatal decline potentially governed by sympathetic nerves. Experimental Physiology, 2019, 104, 1018-1022.	0.9	2
15	The Unexpected Role of Calciumâ€Activated Potassium Channels: Limitation of NOâ€Induced Arterial Relaxation. Journal of the American Heart Association, 2018, 7, .	1.6	30
16	Higher Ca²⁺â€sensitivity of arterial contraction in 1â€weekâ€old rats is due to a greater Rhoâ€kinase activity. Acta Physiologica, 2018, 223, e13044.	1.8	24
17	Voluntary exercise training restores anticontractile effect of NO in coronary arteries of adult rats with antenatal/early postnatal hypothyroidism. Nitric Oxide - Biology and Chemistry, 2018, 74, 10-18.	1.2	10
18	Alterations of the Purinergic Regulation in Mesenteric Arteries of Pannexin-1-Knockout Mice. Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology, 2018, 12, 62-69.	0.3	1

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19	Antenatal/early postnatal hypothyroidism increases the contribution of Rho-kinase to contractile responses of mesenteric and skeletal muscle arteries in adult rats. Pediatric Research, 2018, 84, 112-117.	1.1	7
20	NO-mediated anticontractile effect of the endothelium is abolished in coronary arteries of adult rats with antenatal/early postnatal hypothyroidism. Nitric Oxide - Biology and Chemistry, 2017, 63, 21-28.	1.2	13
21	Antenatal/early postnatal hypothyroidism alters arterial tone regulation in 2-week-old rats. Journal of Endocrinology, 2017, 235, 137-151.	1.2	9
22	Pannexins Are Potential New Players in the Regulation of Cerebral Homeostasis during Sleep-Wake Cycle. Frontiers in Cellular Neuroscience, 2017, 11, 210.	1.8	15
23	Endothelial nitric oxide weakens arterial contractile responses and reduces blood pressure during early postnatal development in rats. Nitric Oxide - Biology and Chemistry, 2016, 55-56, 1-9.	1.2	24
24	Spaceflight on the Bion-M1 biosatellite alters cerebral artery vasomotor and mechanical properties in mice. Journal of Applied Physiology, 2015, 118, 830-838.	1.2	35
25	Alteration of mRNA and microRNA expression profiles in rat muscular type vasculature in early postnatal development. Scientific Reports, 2015, 5, 11106.	1.6	9
26	Pannexin 1 facilitates arterial relaxation via an endotheliumâ€derived hyperpolarization mechanism. FEBS Letters, 2015, 589, 1164-1170.	1.3	22
27	Endogenous oestrogens do not regulate endothelial nitric oxide production in early postnatal rats. European Journal of Pharmacology, 2015, 765, 598-605.	1.7	9
28	Reduction of baroreflex blood pressure oscillations in 12-month-old SHR: Central and peripheral mechanisms. , 2014, , .		0
29	Trophic action of sympathetic nerves reduces arterial smooth muscle Ca²⁺sensitivity during early post-natal development in rats. Acta Physiologica, 2014, 212, 128-141.	1.8	31
30	Endothelial function is impaired in conduit arteries of pannexin1 knockout mice. Biology Direct, 2014, 9, 8.	1.9	14
31	Functional remodelling of arterial endothelium during early postnatal development in rats. Cardiovascular Research, 2013, 99, 612-621.	1.8	27