Mohammed Abdelsaid

List of Publications by Year
in descending order

20	617	566801 15	887659 17
papers	citations	h-index	g-index

20	20	20	917
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cerebral Neovascularization in Diabetes: Implications for Stroke Recovery and beyond. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 553-563.	2.4	86
2	Deferoxamine Treatment Prevents Post-Stroke Vasoregression and Neurovascular Unit Remodeling Leading to Improved Functional Outcomes in Type 2 Male Diabetic Rats: Role of Endothelial Ferroptosis. Translational Stroke Research, 2021, 12, 615-630.	2.3	72
3	Metformin Treatment in the Period After Stroke Prevents Nitrative Stress and Restores Angiogenic Signaling in the Brain in Diabetes. Diabetes, 2015, 64, 1804-1817.	0.3	64
4	A lipidomic screen of hyperglycemia-treated HRECs links 12/15-Lipoxygenase to microvascular dysfunction during diabetic retinopathy via NADPH oxidase. Journal of Lipid Research, 2015, 56, 599-611.	2.0	56
5	Impact of Metabolic Diseases on Cerebral Circulation: Structural and Functional Consequences. , 2018, 8, 773-799.		47
6	Matrix Metalloprotease 3 Exacerbates Hemorrhagic Transformation and Worsens Functional Outcomes in Hyperglycemic Stroke. Stroke, 2016, 47, 843-851.	1.0	44
7	Inhibition of Toll-Like Receptor-4 (TLR-4) Improves Neurobehavioral Outcomes After Acute Ischemic Stroke in Diabetic Rats: Possible Role of Vascular Endothelial TLR-4. Molecular Neurobiology, 2019, 56, 1607-1617.	1.9	39
8	Dual endothelin receptor antagonism with bosentan reverses established vascular remodeling and dysfunctional angiogenesis in diabetic rats: Relevance to glycemic control. Life Sciences, 2014, 118, 268-273.	2.0	34
9	Linagliptin treatment improves cerebrovascular function and remodeling and restores reduced cerebral perfusion in Type 2 diabetes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R466-R477.	0.9	25
10	Late dual endothelin receptor blockade with bosentan restores impaired cerebrovascular function in diabetes. Life Sciences, 2014, 118, 263-267.	2.0	22
11	Enhanced VEGF signalling mediates cerebral neovascularisation via downregulation of guidance protein ROBO4 in a rat model of diabetes. Diabetologia, 2017, 60, 740-750.	2.9	22
12	Inhibition of Ephrin-B2 in brain pericytes decreases cerebral pathological neovascularization in diabetic rats. PLoS ONE, 2019, 14, e0210523.	1.1	21
13	Peroxynitrite-Induced Tyrosine Nitration Contributes to Matrix Metalloprotease-3 Activation: Relevance to Hyperglycemic Ischemic Brain Injury and Tissue Plasminogen Activator. Neurochemical Research, 2018, 43, 259-266.	1.6	19
14	SOD1 overexpression prevents acute hyperglycemia-induced cerebral myogenic dysfunction: relevance to contralateral hemisphere and stroke outcomes. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H456-H466.	1.5	16
15	Linagliptin attenuates diabetes-induced cerebral pathological neovascularization in a blood glucose-independent manner: Potential role of ET-1. Life Sciences, 2016, 159, 83-89.	2.0	16
16	Cerebrovasculoprotective effects of azilsartan medoxomil in diabetes. Translational Research, 2014, 164, 424-432.	2.2	16
17	Nox4 contributes to the hypoxia-mediated regulation of actin cytoskeleton in cerebrovascular smooth muscle. Life Sciences, 2016, 163, 46-54.	2.0	10
18	Increased Ephrin-B2 expression in pericytes contributes to retinal vascular death in rodents. Vascular Pharmacology, 2020, 131, 106761.	1.0	4

#	Article	IF	Citations
19	GLP-1 receptor nitration contributes to loss of brain pericyte function in a mouse model of diabetes. Diabetologia, 0, , .	2.9	4
20	28 Weekâ€old Typeâ€2 Diabetic Gotoâ€Kakizaki Rats Exhibit a Reduction to Insulinâ€Mediated Vasorelaxation in Middle Cerebral Arteries. FASEB Journal, 2015, 29, 1044.8.	0.2	0