

Brendan Gongol

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

948
citations

567281

15
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1932
citing authors

#	ARTICLE	IF	CITATIONS
1	Sterol Regulatory Element Binding Protein 2 Activation of NLRP3 Inflammasome in Endothelium Mediates Hemodynamic-Induced Atherosclerosis Susceptibility. <i>Circulation</i> , 2013, 128, 632-642.	1.6	215
2	AMPK promotes mitochondrial biogenesis and function by phosphorylating the epigenetic factors DNMT1, RBBP7, and HAT1. <i>Science Signaling</i> , 2017, 10, .	3.6	170
3	AMP-activated Protein Kinase Phosphorylation of Angiotensin-Converting Enzyme 2 in Endothelium Mitigates Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 509-520.	5.6	147
4	AMPK β 2 exerts its anti-inflammatory effects through PARP-1 and Bcl-6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3161-3166.	7.1	65
5	AMPK: An Epigenetic Landscape Modulator. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3238.	4.1	48
6	Cardiovascular Protective Effect of Metformin and Telmisartan: Reduction of PARP1 Activity via the AMPK-PARP1 Cascade. <i>PLoS ONE</i> , 2016, 11, e0151845.	2.5	38
7	Micro RNA-483 amelioration of experimental pulmonary hypertension. <i>EMBO Molecular Medicine</i> , 2020, 12, e11303.	6.9	35
8	AMP-Activated Protein Kinase and Sirtuin 1 Coregulation of Cortactin Contributes to Endothelial Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2358-2368.	2.4	33
9	Astrocytes propel neurovascular dysfunction during cerebral cavernous malformation lesion formation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	32
10	Metformin Use in Diabetes Prior to Hospitalization: Effects on Mortality in Covid-19. <i>Endocrine Practice</i> , 2020, 26, 1166-1172.	2.1	31
11	Roles of KLF4 and AMPK in the inhibition of glycolysis by pulsatile shear stress in endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
12	Shear stress regulation of miR-93 and miR-484 maturation through nucleolin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12974-12979.	7.1	26
13	Insulin and Metformin Control Cell Proliferation by Regulating TDG-Mediated DNA Demethylation in Liver and Breast Cancer Cells. <i>Molecular Therapy - Oncolytics</i> , 2020, 18, 282-294.	4.4	25
14	Identification of AMP-activated protein kinase targets by a consensus sequence search of the proteome. <i>BMC Systems Biology</i> , 2015, 9, 13.	3.0	23
15	Endothelial mechanobiology. <i>APL Bioengineering</i> , 2020, 4, 010904.	6.2	22
16	Inhibition of the HEG1-KRIT1 interaction increases KLF4 and KLF2 expression in endothelial cells. <i>FASEB BioAdvances</i> , 2021, 3, 334-355.	2.4	8
17	Serum miR-92a is Elevated in Children and Adults with Obstructive Sleep Apnea. <i>Journal of Molecular Biomarkers & Diagnosis</i> , 2020, 11, .	0.4	2
18	Bioinformatics Approach to Identify Novel AMPK Targets. <i>Methods in Molecular Biology</i> , 2018, 1732, 99-109.	0.9	1