Ronan P Murphy

List of Publications by Year
in descending order

56	1,861	304368	288905
papers	citations	22 h-index	40 g-index

57	57	57	3046
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Downregulation of Blood-Brain Barrier Phenotype by Proinflammatory Cytokines Involves NADPH Oxidase-Dependent ROS Generation: Consequences for Interendothelial Adherens and Tight Junctions. PLoS ONE, 2014, 9, e101815.	1.1	193
2	Megakaryocytes derived from embryonic stem cells implicate CalDAG-GEFI in integrin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12819-12824.	3.3	189
3	Thrombomodulin and the vascular endothelium: insights into functional, regulatory, and therapeutic aspects. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1585-H1597.	1.5	159
4	Prospective Evaluation of the Risk Conferred by Factor V Leiden and Thermolabile Methylenetetrahydrofolate Reductase Polymorphisms in Pregnancy. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 266-270.	1.1	145
5	Notch-mediated CBF-1/RBP-JÎº-dependent regulation of human vascular smooth muscle cell phenotype in vitro. American Journal of Physiology - Cell Physiology, 2005, 289, C1188-C1196.	2.1	99
6	Regulation of bovine brain microvascular endothelial tight junction assembly and barrier function by laminar shear stress. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H3190-H3197.	1.5	94
7	The Urokinase Receptor Interactome. Current Pharmaceutical Design, 2011, 17, 1874-1889.	0.9	90
8	Stabilization of brain microvascular endothelial barrier function by shear stress involves VEâ€cadherin signaling leading to modulation of pTyrâ€occludin levels. Journal of Cellular Physiology, 2011, 226, 3053-3063.	2.0	90
9	Cyclic Strainâ€“Mediated Regulation of Vascular Endothelial Occludin and ZO-1. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 62-68.	1.1	80
10	Microsatellite instability in sporadic colorectal carcinoma is not an indicator of prognosis. , 1999, 188, 14-17.		69
11	Influence of basolateral condition on the regulation of brain microvascular endothelial tight junction properties and barrier function. Brain Research, 2008, 1193, 84-92.	1.1	68
12	High glucose concentrations alter hypoxia-induced control of vascular smooth muscle cell growth via a HIF-1Î±-dependent pathway. Journal of Molecular and Cellular Cardiology, 2007, 42, 609-619.	0.9	53
13	Biomechanical regulation of hedgehog signaling in vascular smooth muscle cells in vitro and in vivo. American Journal of Physiology - Cell Physiology, 2007, 292, C488-C496.	2.1	46
14	Canonical Wnt signaling in megakaryocytes regulates proplatelet formation. Blood, 2013, 121, 188-196.	0.6	42
15	Caspase-12: a developmental link between G-proteinâ€“coupled receptors and integrin Î±IIbÎ²3 activation. Blood, 2004, 104, 1327-1334.	0.6	41
16	Multi-System Deconditioning in 3-Day Dry Immersion without Daily Raise. Frontiers in Physiology, 2017, 8, 799.	1.3	37
17	The beneficial pleiotropic effects of tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) within the vasculature: A review of the evidence. Atherosclerosis, 2016, 247, 87-96.	0.4	33
18	The endothelial microparticle response to a high fat meal is not attenuated by prior exercise. European Journal of Applied Physiology, 2009, 106, 555-562.	1.2	32

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19	RANKL promotes osteoblastic activity in vascular smooth muscle cells by upregulating endothelial BMP-2 release. International Journal of Biochemistry and Cell Biology, 2016, 77, 171-180.	1.2	31
20	Vascular and Microvascular Dysfunction Induced by Microgravity and Its Analogs in Humans: Mechanisms and Countermeasures. Frontiers in Physiology, 2020, 11, 952.	1.3	28
21	The Urokinase Receptor in the Central Nervous System. CNS and Neurological Disorders - Drug Targets, 2011, 10, 271-294.	0.8	28
22	Helicobacter pylori-induced inhibition of vascular endothelial cell functions: a role for VacA-dependent nitric oxide reduction. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1403-H1413.	1.5	26
23	The role of epigenetics in cardiovascular health and ageing: A focus on physical activity and nutrition. Mechanisms of Ageing and Development, 2018, 174, 76-85.	2.2	25
24	Moesin and merlin regulate urokinase receptor-dependent endothelial cell migration, adhesion and angiogenesis. International Journal of Biochemistry and Cell Biology, 2017, 88, 14-22.	1.2	19
25	Non-Invasive Assessment of Skin Barrier Properties: Investigating Emerging Tools for In Vitro and In Vivo Applications. Cosmetics, 2017, 4, 44.	1.5	17
26	Regulation of Thrombomodulin Expression and Release in Human Aortic Endothelial Cells by Cyclic Strain. PLoS ONE, 2014, 9, e108254.	1.1	17
27	Down-regulation of neprilysin (EC3.4.24.11) expression in vascular endothelial cells by laminar shear stress involves NADPH oxidase-dependent ROS production. International Journal of Biochemistry and Cell Biology, 2009, 41, 2287-2294.	1.2	14
28	Circulating angiogenic cell response to sprint interval and continuous exercise. European Journal of Applied Physiology, 2019, 119, 743-752.	1.2	13
29	DI-5-CUFFS: Venoconstrictive Thigh Cuffs Limit Body Fluid Changes but Not Orthostatic Intolerance Induced by a 5-Day Dry Immersion. Frontiers in Physiology, 2020, 11, 383.	1.3	13
30	Shear stress is a positive regulator of thimet oligopeptidase (EC3.4.24.15) in vascular endothelial cells: consequences for MHC1 levels. Cardiovascular Research, 2013, 99, 545-554.	1.8	12
31	Potential Diagnostic and Prognostic Biomarkers of Epigenetic Drift within the Cardiovascular Compartment. BioMed Research International, 2016, 2016, 1-10.	0.9	12
32	A Val193Met mutation in GPIIIa results in a GPIIb/IIIa receptor with a constitutively high affinity for a small ligand. British Journal of Haematology, 2001, 115, 131-139.	1.2	11
33	A human 3â€²UTR clone collection to study post-transcriptional gene regulation. BMC Genomics, 2015, 16, 1036.	1.2	7
34	Maximal oxygen consumption and oxygen uptake efficiency in adolescent males. Journal of Exercise Science and Fitness, 2021, 19, 75-80.	0.8	7
35	Microparticles: A Pivotal Nexus in Vascular Homeostasis and Disease. Current Clinical Pharmacology, 2016, 11, 28-42.	0.2	6
36	Platelets: From Formation to Function. , 0, , .		5

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37	Development of dynamic cell and organotypic skin models, for the investigation of a novel visco-elastic burns treatment using molecular and cellular approaches. Burns, 2020, 46, 1585-1602.	1.1	3
38	Elucidating the Biological Activity of Fish-Derived Collagen and Gelatine Hydrolysates using Animal Cell Culture - A Review. Current Pharmaceutical Design, 2021, 27, 1365-1381.	0.9	2
39	Data on the regulation of moesin and merlin by the urokinase receptor (uPAR): Model explaining distal activation of integrins by uPAR. Data in Brief, 2017, 15, 600-605.	0.5	1
40	Deciphering the Mechanisms Behind Cardiovascular Disease: Long Noncoding RNAs as Key Molecular Signaling Hubs and Biomarkers of Atherosclerosis. Journal of Cardiovascular Pharmacology, 2020, 76, 125-127.	0.8	1
41	Effect of Acute Exercise on Postprandial Triglycerides and Cellular Microparticles. Medicine and Science in Sports and Exercise, 2007, 39, S464-S465.	0.2	1
42	A dry immersion model of microgravity modulates platelet phenotype, miRNA signature, and circulating plasma protein biomarker profile. Scientific Reports, 2021, 11, 21906.	1.6	1
43	Physiological and Perceptual Responses during Self-Regulated Exercise in Men with Coronary Artery Disease. Medicine and Science in Sports and Exercise, 2011, 43, 461.	0.2	0
44	Relation Between Endothelial Microparticles and Endothelial Function Following Acute Exercise in Men with CAD. Medicine and Science in Sports and Exercise, 2011, 43, 735-736.	0.2	0
45	Effect of Self-Regulated Exercise Intensity on Endothelial Function in Men with Coronary Artery Disease. Medicine and Science in Sports and Exercise, 2011, 43, 739.	0.2	0
46	Self-regulated And High-intensity Interval Exercise On Physiological, Vascular, And Perceptual Responses In Individuals With CAD. Medicine and Science in Sports and Exercise, 2014, 46, 663-664.	0.2	0
47	Sedentary Behaviour and Vascular Endothelial Function in Male Adolescents with Low, Moderate and High Cardiorespiratory Fitness. Medicine and Science in Sports and Exercise, 2016, 48, 192.	0.2	0
48	Platelets: Functional Biomarkers of Epigenetic Drift. , 2019, , .		0
49	Effect Of Acute Exercise On Circulating Endothelial Derived Microparticles. Medicine and Science in Sports and Exercise, 2009, 41, 73.	0.2	0
50	Abstract 383: Characterization of Inflammatory Cytokine Effects on the Blood-Brain Barrier Using an in Vitro Human Brain Microvascular Endothelial Cell Model. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	1.1	0
51	Cardiorespiratory Fitness, Oxygen Uptake Efficiency Slope And Endothelial Function In Male Adolescents. Medicine and Science in Sports and Exercise, 2015, 47, 289.	0.2	0
52	Editorial: Cardio-vascular Dysfunction and Physiological Manifestations Induced by Environmental Conditions. Frontiers in Physiology, 2022, 13, 870917.	1.3	0
53	Pleiotropic Effects of Icariside II on the Cardiovascular System: Novel Applications of Ethnopharmacology in Targeting Vascular Remodeling. Journal of Cardiovascular Pharmacology, 2022, 80, 44-47.	0.8	0
54	Abstract 359: Investigation of the Protein Interactions of the Shear Responsive Protein, Palladin, and Its Presence in Endothelial-Derived Microparticles. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	1.1	0

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55	Abstract 360: Molecular and Cellular Dynamics of Merlin in Vascular Cells via Mechanotransduction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	1.1	0
56	Abstract 177: The Effects of Inflammation, Hyperglycemia and Cyclic Strain on Osteoprotegerin Production in Human Aortic Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	1.1	0