

Ronan P Murphy

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

1,546
citations

20
h-index

39
g-index

57
ext. papers

1,712
ext. citations

4.3
avg, IF

4.19
L-index

#	Paper	IF	Citations
39	A dry immersion model of microgravity modulates platelet phenotype, miRNA signature, and circulating plasma protein biomarker profile. <i>Scientific Reports</i> , 2021 , 11, 21906	4.9	
38	Elucidating the Biological Activity of Fish-Derived Collagen and Gelatine Hydrolysates using Animal Cell Culture - A Review. <i>Current Pharmaceutical Design</i> , 2021 , 27, 1365-1381	3.3	0
37	Maximal oxygen consumption and oxygen uptake efficiency in adolescent males. <i>Journal of Exercise Science and Fitness</i> , 2021 , 19, 75-80	3.1	1
36	DI-5-CUFFS: Venoconstrictive Thigh Cuffs Limit Body Fluid Changes but Not Orthostatic Intolerance Induced by a 5-Day Dry Immersion. <i>Frontiers in Physiology</i> , 2020 , 11, 383	4.6	8
35	Development of dynamic cell and organotypic skin models, for the investigation of a novel visco-elastic burns treatment using molecular and cellular approaches. <i>Burns</i> , 2020 , 46, 1585-1602	2.3	0
34	Vascular and Microvascular Dysfunction Induced by Microgravity and Its Analogs in Humans: Mechanisms and Countermeasures. <i>Frontiers in Physiology</i> , 2020 , 11, 952	4.6	13
33	Circulating angiogenic cell response to sprint interval and continuous exercise. <i>European Journal of Applied Physiology</i> , 2019 , 119, 743-752	3.4	9
32	The role of epigenetics in cardiovascular health and ageing: A focus on physical activity and nutrition. <i>Mechanisms of Ageing and Development</i> , 2018 , 174, 76-85	5.6	18
31	Moesin and merlin regulate urokinase receptor-dependent endothelial cell migration, adhesion and angiogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , 2017 , 88, 14-22	5.6	12
30	Data on the regulation of moesin and merlin by the urokinase receptor (uPAR): Model explaining distal activation of integrins by uPAR. <i>Data in Brief</i> , 2017 , 15, 600-605	1.2	1
29	Multi-System Deconditioning in 3-Day Dry Immersion without Daily Raise. <i>Frontiers in Physiology</i> , 2017 , 8, 799	4.6	23
28	Non-Invasive Assessment of Skin Barrier Properties: Investigating Emerging Tools for In Vitro and In Vivo Applications. <i>Cosmetics</i> , 2017 , 4, 44	2.7	10
27	The beneficial pleiotropic effects of tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) within the vasculature: A review of the evidence. <i>Atherosclerosis</i> , 2016 , 247, 87-96	3.1	26
26	Microparticles: A Pivotal Nexus in Vascular Homeostasis and Disease. <i>Current Clinical Pharmacology</i> , 2016 , 11, 28-42	2.5	6
25	Potential Diagnostic and Prognostic Biomarkers of Epigenetic Drift within the Cardiovascular Compartment. <i>BioMed Research International</i> , 2016 , 2016, 2465763	3	11
24	RANKL promotes osteoblastic activity in vascular smooth muscle cells by upregulating endothelial BMP-2 release. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 77, 171-180	5.6	23
23	A human 3WTR clone collection to study post-transcriptional gene regulation. <i>BMC Genomics</i> , 2015 , 16, 1036	4.5	7

22	Downregulation of blood-brain barrier phenotype by proinflammatory cytokines involves NADPH oxidase-dependent ROS generation: consequences for interendothelial adherens and tight junctions. <i>PLoS ONE</i> , 2014 , 9, e101815	3.7	150
21	Regulation of thrombomodulin expression and release in human aortic endothelial cells by cyclic strain. <i>PLoS ONE</i> , 2014 , 9, e108254	3.7	14
20	Thrombomodulin and the vascular endothelium: insights into functional, regulatory, and therapeutic aspects. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 304, H1585-97	5.2	121
19	Shear stress is a positive regulator of thimet oligopeptidase (EC3.4.24.15) in vascular endothelial cells: consequences for MHC1 levels. <i>Cardiovascular Research</i> , 2013 , 99, 545-54	9.9	11
18	Canonical Wnt signaling in megakaryocytes regulates proplatelet formation. <i>Blood</i> , 2013 , 121, 188-96	2.2	32
17	The urokinase receptor interactome. <i>Current Pharmaceutical Design</i> , 2011 , 17, 1874-89	3.3	73
16	Stabilization of brain microvascular endothelial barrier function by shear stress involves VE-cadherin signaling leading to modulation of pTyr-occludin levels. <i>Journal of Cellular Physiology</i> , 2011 , 226, 3053-63	7	76
15	The urokinase receptor in the central nervous system. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 271-94	2.6	24
14	The endothelial microparticle response to a high fat meal is not attenuated by prior exercise. <i>European Journal of Applied Physiology</i> , 2009 , 106, 555-62	3.4	31
13	Down-regulation of neprilysin (EC3.4.24.11) expression in vascular endothelial cells by laminar shear stress involves NADPH oxidase-dependent ROS production. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 2287-94	5.6	13
12	Influence of basolateral condition on the regulation of brain microvascular endothelial tight junction properties and barrier function. <i>Brain Research</i> , 2008 , 1193, 84-92	3.7	65
11	Helicobacter pylori-induced inhibition of vascular endothelial cell functions: a role for VacA-dependent nitric oxide reduction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 295, H1403-13	5.2	18
10	Regulation of bovine brain microvascular endothelial tight junction assembly and barrier function by laminar shear stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H3190-7	5.2	83
9	Biomechanical regulation of hedgehog signaling in vascular smooth muscle cells in vitro and in vivo. <i>American Journal of Physiology - Cell Physiology</i> , 2007 , 292, C488-96	5.4	39
8	High glucose concentrations alter hypoxia-induced control of vascular smooth muscle cell growth via a HIF-1 α -dependent pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2007 , 42, 609-19	5.8	48
7	Cyclic strain-mediated regulation of vascular endothelial occludin and ZO-1: influence on intercellular tight junction assembly and function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 62-8	9.4	75
6	Notch-mediated CBF-1/RBP-J $\{\kappa\}$ -dependent regulation of human vascular smooth muscle cell phenotype in vitro. <i>American Journal of Physiology - Cell Physiology</i> , 2005 , 289, C1188-96	5.4	90
5	Caspase-12: a developmental link between G-protein-coupled receptors and integrin α IIb β 3 activation. <i>Blood</i> , 2004 , 104, 1327-34	2.2	40

4	Megakaryocytes derived from embryonic stem cells implicate CalDAG-GEFI in integrin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 12819-24	11.5	178
3	A Val193Met mutation in GPIIIa results in a GPIIb/IIIa receptor with a constitutively high affinity for a small ligand. <i>British Journal of Haematology</i> , 2001 , 115, 131-9	4.5	7
2	Prospective evaluation of the risk conferred by factor V Leiden and thermolabile methylenetetrahydrofolate reductase polymorphisms in pregnancy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 266-70	9.4	126
1	Microsatellite instability in sporadic colorectal carcinoma is not an indicator of prognosis. <i>Journal of Pathology</i> , 1999 , 188, 14-7	9.4	63