

# Ronan P Murphy

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4588055/ronan-p-murphy-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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> , <b>2002</b> , 99, 12819-24	11.5	178
38	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> , <b>2014</b> , 9, e101815	3.7	150
37	Prospective evaluation of the risk conferred by factor V Leiden and thermolabile methylenetetrahydrofolate reductase polymorphisms in pregnancy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2000</b> , 20, 266-70	9.4	126
36	Thrombomodulin and the vascular endothelium: insights into functional, regulatory, and therapeutic aspects. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2013</b> , 304, H1585-97	5.3	121
35	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> , <b>2005</b> , 289, C1188-96	5.4	90
34	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> , <b>2007</b> , 292, H3190-7	5.3	83
33	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> , <b>2011</b> , 226, 3053-63	7	76
32	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> , <b>2006</b> , 26, 62-8	9.4	75
31	The urokinase receptor interactome. <i>Current Pharmaceutical Design</i> , <b>2011</b> , 17, 1874-89	3.3	73
30	Influence of basolateral condition on the regulation of brain microvascular endothelial tight junction properties and barrier function. <i>Brain Research</i> , <b>2008</b> , 1193, 84-92	3.7	65
29	Microsatellite instability in sporadic colorectal carcinoma is not an indicator of prognosis. <i>Journal of Pathology</i> , <b>1999</b> , 188, 14-7	9.4	63
28	High glucose concentrations alter hypoxia-induced control of vascular smooth muscle cell growth via a HIF-1 $\alpha$ -dependent pathway. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2007</b> , 42, 609-19	5.8	48
27	Caspase-12: a developmental link between G-protein-coupled receptors and integrin $\alpha$ IIb $\beta$ 3 activation. <i>Blood</i> , <b>2004</b> , 104, 1327-34	2.2	40
26	Biomechanical regulation of hedgehog signaling in vascular smooth muscle cells in vitro and in vivo. <i>American Journal of Physiology - Cell Physiology</i> , <b>2007</b> , 292, C488-96	5.4	39
25	Canonical Wnt signaling in megakaryocytes regulates proplatelet formation. <i>Blood</i> , <b>2013</b> , 121, 188-96	2.2	32
24	The endothelial microparticle response to a high fat meal is not attenuated by prior exercise. <i>European Journal of Applied Physiology</i> , <b>2009</b> , 106, 555-62	3.4	31
23	The beneficial pleiotropic effects of tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) within the vasculature: A review of the evidence. <i>Atherosclerosis</i> , <b>2016</b> , 247, 87-96	3.1	26

22	The urokinase receptor in the central nervous system. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2011</b> , 10, 271-94	2.6	24
21	Multi-System Deconditioning in 3-Day Dry Immersion without Daily Raise. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 799	4.6	23
20	RANKL promotes osteoblastic activity in vascular smooth muscle cells by upregulating endothelial BMP-2 release. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2016</b> , 77, 171-180	5.6	23
19	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> , <b>2008</b> , 295, H1403-13	5.2	18
18	The role of epigenetics in cardiovascular health and ageing: A focus on physical activity and nutrition. <i>Mechanisms of Ageing and Development</i> , <b>2018</b> , 174, 76-85	5.6	18
17	Regulation of thrombomodulin expression and release in human aortic endothelial cells by cyclic strain. <i>PLoS ONE</i> , <b>2014</b> , 9, e108254	3.7	14
16	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> , <b>2009</b> , 41, 2287-94	5.6	13
15	Vascular and Microvascular Dysfunction Induced by Microgravity and Its Analogs in Humans: Mechanisms and Countermeasures. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 952	4.6	13
14	Moesin and merlin regulate urokinase receptor-dependent endothelial cell migration, adhesion and angiogenesis. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2017</b> , 88, 14-22	5.6	12
13	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> , <b>2013</b> , 99, 545-54	9.9	11
12	Potential Diagnostic and Prognostic Biomarkers of Epigenetic Drift within the Cardiovascular Compartment. <i>BioMed Research International</i> , <b>2016</b> , 2016, 2465763	3	11
11	Non-Invasive Assessment of Skin Barrier Properties: Investigating Emerging Tools for In Vitro and In Vivo Applications. <i>Cosmetics</i> , <b>2017</b> , 4, 44	2.7	10
10	Circulating angiogenic cell response to sprint interval and continuous exercise. <i>European Journal of Applied Physiology</i> , <b>2019</b> , 119, 743-752	3.4	9
9	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> , <b>2020</b> , 11, 383	4.6	8
8	A human 3ΨTR clone collection to study post-transcriptional gene regulation. <i>BMC Genomics</i> , <b>2015</b> , 16, 1036	4.5	7
7	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> , <b>2001</b> , 115, 131-9	4.5	7
6	Microparticles: A Pivotal Nexus in Vascular Homeostasis and Disease. <i>Current Clinical Pharmacology</i> , <b>2016</b> , 11, 28-42	2.5	6
5	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> , <b>2017</b> , 15, 600-605	1.2	1

4	Maximal oxygen consumption and oxygen uptake efficiency in adolescent males. <i>Journal of Exercise Science and Fitness</i> , <b>2021</b> , 19, 75-80	3.1	1
3	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> , <b>2020</b> , 46, 1585-1602	2.3	0
2	Elucidating the Biological Activity of Fish-Derived Collagen and Gelatine Hydrolysates using Animal Cell Culture - A Review. <i>Current Pharmaceutical Design</i> , <b>2021</b> , 27, 1365-1381	3.3	0
1	A dry immersion model of microgravity modulates platelet phenotype, miRNA signature, and circulating plasma protein biomarker profile. <i>Scientific Reports</i> , <b>2021</b> , 11, 21906	4.9	