Keith D Rochfort

List of Publications by Year in Descending Order

30 papers	795 citations	14 h-index	28 g-index
32 ext. papers	965 ext. citations	4.7 avg, IF	4.44 L-index

#	Paper	IF	Citations
30	A Review of Polylactic Acid as a Replacement Material for Single-Use Laboratory Components.. *Materials*, **2022**, 15,	3.5	5
29	COMP-Ang1: Therapeutic potential of an engineered Angiopoietin-1 variant. *Vascular Pharmacology* , **2021**, 141, 106919	5.9	0
28	Pathophysiology of Circulating Biomarkers and Relationship With Vascular Aging: A Review of the Literature From VascAgeNet Group on Circulating Biomarkers, European Cooperation in Science and Technology Action 18216.. *Frontiers in Physiology*, **2021**, 12, 789690	4.6	0
27	RANKL treatment of vascular endothelial cells leading to paracrine pro-calcific signaling involves ROS production. *Molecular and Cellular Biochemistry*, **2020**, 464, 111-117	4.2	1
26	TRAIL inhibits oxidative stress in human aortic endothelial cells exposed to pro-inflammatory stimuli. *Physiological Reports*, **2020**, 8, e14612	2.6	2
25	COMP-Ang1 Stabilizes Hyperglycemic Disruption of Blood-Retinal Barrier Phenotype in Human Retinal Microvascular Endothelial Cells **2019**, 60, 3547-3555		4
24	In Vitro Cell Models of the Human Blood-Brain Barrier: Demonstrating the Beneficial Influence of Shear Stress on Brain Microvascular Endothelial Cell Phenotype. *Neuromethods*, **2019**, 71-98	0.4	2
23	Activation of the non-canonical NF-B/p52 pathway in vascular endothelial cells by RANKL elicits pro-calcific signalling in co-cultured smooth muscle cells. *Cellular Signalling*, **2018**, 47, 142-150	4.9	4
22	RANKL Inhibits the Production of Osteoprotegerin from Smooth Muscle Cells under Basal Conditions and following Exposure to Cyclic Strain. *Journal of Vascular Research*, **2018**, 55, 111-123	1.9	7
21	Pulmonary endothelial permeability and tissue fluid balance depend on the viscosity of the perfusion solution. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2018**, 315, L476-L484	5.8	3
20	Moesin and merlin regulate urokinase receptor-dependent endothelial cell migration, adhesion and angiogenesis. *International Journal of Biochemistry and Cell Biology*, **2017**, 88, 14-22	5.6	12
19	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	1.2	1
18	TRAIL attenuates RANKL-mediated osteoblastic signalling in vascular cell mono-culture and co-culture models. *PLoS ONE*, **2017**, 12, e0188192	3.7	8
17	Ion-Exchange Chromatography: Basic Principles and Application. *Methods in Molecular Biology*, **2017** , 1485, 209-223	1.4	27
16	Staphylococcus aureus-mediated blood-brain barrier injury: an in vitro human brain microvascular endothelial cell model. *Cellular Microbiology*, **2017**, 19, e12664	3.9	20
15	Tumour necrosis factor-mediated disruption of cerebrovascular endothelial barrier integrity in vitro involves the production of proinflammatory interleukin-6. *Journal of Neurochemistry*, **2016**, 136, 564-72	6	59
14	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	3.1	26

13	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	5.6	23
12	Vascular calcification in type-2 diabetes and cardiovascular disease: Integrative roles for OPG, RANKL and TRAIL. *Vascular Pharmacology*, **2016**, 82, 30-40	5.9	82
11	An Emerging Role for SNARE Proteins in Dendritic Cell Function. *Frontiers in Immunology*, **2015**, 6, 133	8.4	15
10	Thrombomodulin regulation in human brain microvascular endothelial cells in vitro: role of cytokines and shear stress. *Microvascular Research*, **2015**, 97, 1-5	3.7	14
9	The blood-brain barrier endothelium: a target for pro-inflammatory cytokines. *Biochemical Society Transactions*, **2015**, 43, 702-6	5.1	115
8	Cytokine-mediated dysregulation of zonula occludens-1 properties in human brain microvascular endothelium. *Microvascular Research*, **2015**, 100, 48-53	3.7	60
7	Shear-dependent attenuation of cellular ROS levels can suppress proinflammatory cytokine injury to human brain microvascular endothelial barrier properties. *Journal of Cerebral Blood Flow and Metabolism*, **2015**, 35, 1648-56	7.3	19
6	A role for syntaxin 3 in the secretion of IL-6 from dendritic cells following activation of toll-like receptors. *Frontiers in Immunology*, **2014**, 5, 691	8.4	15
5	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	3.7	150
4	Surface layer proteins isolated from Clostridium difficile induce clearance responses in macrophages. *Microbes and Infection*, **2014**, 16, 391-400	9.3	14
3	Regulation of thrombomodulin expression and release in human aortic endothelial cells by cyclic strain. *PLoS ONE*, **2014**, 9, e108254	3.7	14
2	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, 545-54	9.9	11
1	Stabilization of brain microvascular endothelial barrier function by shear stress involves VE-cadherin signaling leading to modulation of pTyr-occludin levels. *Journal of Cellular Physiology*, **2011**, 226, 3053-63	7	76