

Victoria C Ridger

List of Publications by Year in descending order

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36
papers

2,344
citations

279701

23
h-index

330025

37
g-index

41
all docs

41
docs citations

41
times ranked

4027
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial responses to shear stress in atherosclerosis: a novel role for developmental genes. <i>Nature Reviews Cardiology</i> , 2020, 17, 52-63.	6.1	270
2	Alveolar Macrophage Apoptosis Contributes to Pneumococcal Clearance in a Resolving Model of Pulmonary Infection. <i>Journal of Immunology</i> , 2003, 171, 5380-5388.	0.4	213
3	Microvesicles in vascular homeostasis and diseases. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1296-1316.	1.8	193
4	Mechanical Activation of Hypoxia-Inducible Factor 1 α Drives Endothelial Dysfunction at Atheroprone Sites. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 2087-2101.	1.1	154
5	Shear stress induces endothelial-to-mesenchymal transition via the transcription factor Snail. <i>Scientific Reports</i> , 2017, 7, 3375.	1.6	138
6	TWIST1 Integrates Endothelial Responses to Flow in Vascular Dysfunction and Atherosclerosis. <i>Circulation Research</i> , 2016, 119, 450-462.	2.0	115
7	Caspase-1-Deficient Mice Have Delayed Neutrophil Apoptosis and a Prolonged Inflammatory Response to Lipopolysaccharide-Induced Acute Lung Injury. <i>Journal of Immunology</i> , 2002, 169, 6401-6407.	0.4	103
8	Neutrophil microvesicles drive atherosclerosis by delivering miR-155 to atheroprone endothelium. <i>Nature Communications</i> , 2020, 11, 214.	5.8	103
9	Differential Effects of CD18, CD29, and CD49 Integrin Subunit Inhibition on Neutrophil Migration in Pulmonary Inflammation. <i>Journal of Immunology</i> , 2001, 166, 3484-3490.	0.4	96
10	Nitric Oxide Regulates Neutrophil Migration through Microparticle Formation. <i>American Journal of Pathology</i> , 2008, 172, 265-273.	1.9	86
11	A Novel Method for Isolation of Neutrophils from Murine Blood Using Negative Immunomagnetic Separation. <i>American Journal of Pathology</i> , 2001, 159, 473-481.	1.9	79
12	CD63 is an essential cofactor to leukocyte recruitment by endothelial P-selectin. <i>Blood</i> , 2011, 118, 4265-4273.	0.6	79
13	Recombinant P-selectin glycoprotein ligand α 1 directly inhibits leukocyte rolling by all 3 selectins in vivo: complete inhibition of rolling is not required for anti-inflammatory effect. <i>Blood</i> , 2003, 101, 3249-3256.	0.6	75
14	Neutrophil Elastase Promotes Interleukin-1 β Secretion from Human Coronary Endothelium. <i>Journal of Biological Chemistry</i> , 2015, 290, 24067-24078.	1.6	75
15	Roles of fibrin α - and β -chain specific cross-linking by FXIIIa in fibrin structure and function. <i>Thrombosis and Haemostasis</i> , 2014, 112, 842-850.	1.8	69
16	Thrombin and fibrinogen β α 2 impact clot structure by marked effects on intrafibrillar structure and protofibril packing. <i>Blood</i> , 2016, 127, 487-495.	0.6	53
17	Zebrafish Model for Functional Screening of Flow-Responsive Genes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 130-143.	1.1	45
18	β 1 integrin is a sensor of blood flow direction. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	41

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19	Antibody ligation of murine Ly-6G induces neutropenia, blood flow cessation, and death via complement-dependent and independent mechanisms. <i>Journal of Leukocyte Biology</i> , 2009, 85, 55-63.	1.5	40
20	Neutrophil-Derived Microvesicle Induced Dysfunction of Brain Microvascular Endothelial Cells In Vitro. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5227.	1.8	36
21	Hemodynamic parameters regulating vascular inflammation and atherosclerosis: A brief update. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 536-540.	2.5	33
22	Endothelial repair in stented arteries is accelerated by inhibition of Rho-associated protein kinase. <i>Cardiovascular Research</i> , 2016, 112, 689-701.	1.8	32
23	Ticagrelor potentiates adenosine-induced stimulation of neutrophil chemotaxis and phagocytosis. <i>Vascular Pharmacology</i> , 2015, 71, 201-207.	1.0	29
24	The anti-inflammatory effects of a selectin ligand mimetic, TBC-1269, are not a result of competitive inhibition of leukocyte rolling in vivo. <i>Journal of Leukocyte Biology</i> , 2005, 77, 59-66.	1.5	23
25	Factor XIII A-Subunit V34L Variant Affects Thrombus Cross-Linking in a Murine Model of Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 308-316.	1.1	23
26	Heart rate reduction with ivabradine promotes shear stress-dependent anti-inflammatory mechanisms in arteries. <i>Thrombosis and Haemostasis</i> , 2016, 116, 181-190.	1.8	20
27	Homeobox B9 integrates bone morphogenic protein 4 with inflammation at atheroprone sites. <i>Cardiovascular Research</i> , 2020, 116, 1300-1310.	1.8	19
28	L- and P-Selectins Collaborate to Support Leukocyte Rolling in Vivo When High-Affinity P-Selectin-P-Selectin Glycoprotein Ligand-1 Interaction Is Inhibited. <i>American Journal of Pathology</i> , 2005, 166, 945-952.	1.9	17
29	Dominant role of L- and P-selectin in mediating CXC chemokine-induced neutrophil migration in vivo. <i>British Journal of Pharmacology</i> , 2001, 133, 550-556.	2.7	14
30	Angiopoietin-1 enhances neutrophil chemotaxis in vitro and migration in vivo through interaction with CD18 and release of CCL4. <i>Scientific Reports</i> , 2017, 7, 2332.	1.6	13
31	Fibrinogen Î³C-subregions critically contribute blood clot fibre growth, mechanical stability, and resistance to fibrinolysis. <i>ELife</i> , 2021, 10, .	2.8	13
32	Experimental Approaches to Study Endothelial Responses to Shear Stress. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 389-400.	2.5	12
33	Elimination of fibrin Î³-chain cross-linking by FXIIIa increases pulmonary embolism arising from murine inferior vena cava thrombi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2103226118.	3.3	10
34	RNA-Seq Profiling of Neutrophil-Derived Microvesicles in Alzheimer's Disease Patients Identifies a miRNA Signature That May Impact Blood-Brain Barrier Integrity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5913.	1.8	7
35	Response by Feng et al to Letter Regarding Article, "Mechanical Activation of Hypoxia-Inducible Factor 1Î± Drives Endothelial Dysfunction at Atheroprone Sites". <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, e199-e200.	1.1	4
36	Neutrophil microvesicles and their role in disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 141, 106097.	1.2	3