

Florea Lupu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7779238/publications.pdf>

Version: 2024-02-01

177
papers

15,797
citations

19657

61
h-index

16650

123
g-index

181
all docs

181
docs citations

181
times ranked

17337
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular histones are major mediators of death in sepsis. <i>Nature Medicine</i> , 2009, 15, 1318-1321.	30.7	1,270
2	Targeted Deficiency or Cytosolic Truncation of the VE-cadherin Gene in Mice Impairs VEGF-Mediated Endothelial Survival and Angiogenesis. <i>Cell</i> , 1999, 98, 147-157.	28.9	1,167
3	Deletion of the hypoxia-response element in the vascular endothelial growth factor promoter causes motor neuron degeneration. <i>Nature Genetics</i> , 2001, 28, 131-138.	21.4	967
4	Inhibition of plasminogen activators or matrix metalloproteinases prevents cardiac rupture but impairs therapeutic angiogenesis and causes cardiac failure. <i>Nature Medicine</i> , 1999, 5, 1135-1142.	30.7	745
5	Loss of HIF-2 β and inhibition of VEGF impair fetal lung maturation, whereas treatment with VEGF prevents fatal respiratory distress in premature mice. <i>Nature Medicine</i> , 2002, 8, 702-710.	30.7	680
6	Urokinase-generated plasmin activates matrix metalloproteinases during aneurysm formation. <i>Nature Genetics</i> , 1997, 17, 439-444.	21.4	621
7	Impaired myocardial angiogenesis and ischemic cardiomyopathy in mice lacking the vascular endothelial growth factor isoforms VEGF164 and VEGF188. <i>Nature Medicine</i> , 1999, 5, 495-502.	30.7	618
8	Deficiency or inhibition of oxygen sensor Phd1 induces hypoxia tolerance by reprogramming basal metabolism. <i>Nature Genetics</i> , 2008, 40, 170-180.	21.4	433
9	Deficiency or inhibition of Gas6 causes platelet dysfunction and protects mice against thrombosis. <i>Nature Medicine</i> , 2001, 7, 215-221.	30.7	396
10	Podoplanin maintains high endothelial venule integrity by interacting with platelet CLEC-2. <i>Nature</i> , 2013, 502, 105-109.	27.8	275
11	Localization and production of plasminogen activator inhibitor-1 in human healthy and atherosclerotic arteries. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1993, 13, 1090-1100.	3.9	242
12	Function of the Plasminogen/Plasmin and Matrix Metalloproteinase Systems After Vascular Injury in Mice With Targeted Inactivation of Fibrinolytic System Genes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 1035-1045.	2.4	223
13	Endothelial cell O-glycan deficiency causes blood/lymphatic misconnections and consequent fatty liver disease in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 3725-3737.	8.2	216
14	Persistence of Atherosclerotic Plaque but Reduced Aneurysm Formation in Mice With Stromelysin-1 (MMP-3) Gene Inactivation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1440-1445.	2.4	213
15	A genetic <i>Xenopus laevis</i> tadpole model to study lymphangiogenesis. <i>Nature Medicine</i> , 2005, 11, 998-1004.	30.7	212
16	Inhibitory Role of Plasminogen Activator Inhibitor-1 in Arterial Wound Healing and Neointima Formation. <i>Circulation</i> , 1997, 96, 3180-3191.	1.6	200
17	Compstatin: a C3 β -targeted complement inhibitor reaching its prime for bedside intervention. <i>European Journal of Clinical Investigation</i> , 2015, 45, 423-440.	3.4	178
18	Peptide inhibitors of C3 activation as a novel strategy of complement inhibition for the treatment of paroxysmal nocturnal hemoglobinuria. <i>Blood</i> , 2014, 123, 2094-2101.	1.4	172

#	ARTICLE	IF	CITATIONS
19	Defective angiogenesis and fatal embryonic hemorrhage in mice lacking core 1â€‘derived O-glycans. <i>Journal of Cell Biology</i> , 2004, 164, 451-459.	5.2	168
20	Urokinase but Not Tissue Plasminogen Activator Mediates Arterial Neointima Formation in Mice. <i>Circulation Research</i> , 1997, 81, 829-839.	4.5	167
21	Complement inhibition decreases the procoagulant response and confers organ protection in a baboon model of <i>Escherichia coli</i> sepsis. <i>Blood</i> , 2010, 116, 1002-1010.	1.4	159
22	Junctional adhesion molecule-C regulates vascular endothelial permeability by modulating VE-cadherinâ€‘mediated cellâ€‘cell contacts. <i>Journal of Experimental Medicine</i> , 2006, 203, 2703-2714.	8.5	154
23	Plasminogen Activator Expression in Human Atherosclerotic Lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 1444-1455.	2.4	154
24	Loss or Inhibition of uPA or MMP-9 Attenuates LV Remodeling and Dysfunction after Acute Pressure Overload in Mice. <i>American Journal of Pathology</i> , 2005, 166, 15-25.	3.8	150
25	Membrane-type matrix metalloproteinase-mediated angiogenesis in a fibrin-collagen matrix. <i>Blood</i> , 2003, 101, 1810-1817.	1.4	143
26	An Endothelial Storage Granule for Tissue-Type Plasminogen Activator. <i>Journal of Cell Biology</i> , 1997, 139, 245-256.	5.2	141
27	Gas6 promotes inflammation by enhancing interactions between endothelial cells, platelets, and leukocytes. <i>Blood</i> , 2008, 111, 4096-4105.	1.4	137
28	Receptor-independent Role of Urokinase-Type Plasminogen Activator in Pericellular Plasmin and Matrix Metalloproteinase Proteolysis during Vascular Wound Healing in Mice. <i>Journal of Cell Biology</i> , 1998, 140, 233-245.	5.2	131
29	New analogs of the clinical complement inhibitor compstatin with subnanomolar affinity and enhanced pharmacokinetic properties. <i>Immunobiology</i> , 2013, 218, 496-505.	1.9	129
30	Hyperexcitability of convergent colon and bladder dorsal root ganglion neurons after colonic inflammation: mechanism for pelvic organ cross-talk. <i>Neurogastroenterology and Motility</i> , 2006, 18, 936-948.	3.0	124
31	MicroRNA-19 (miR-19) Regulates Tissue Factor Expression in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 1429-1435.	3.4	124
32	Lack of Plasminogen Activator Inhibitor-1 Promotes Growth and Abnormal Matrix Remodeling of Advanced Atherosclerotic Plaques in Apolipoprotein Eâ€‘Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 499-505.	2.4	123
33	PDGFRÎ² signalling regulates local inflammation and synergizes with hypercholesterolaemia to promote atherosclerosis. <i>Nature Communications</i> , 2015, 6, 7770.	12.8	123
34	Overexpressing endothelial cell protein C receptor alters the hemostatic balance and protects mice from endotoxin. <i>Journal of Thrombosis and Haemostasis</i> , 2005, 3, 1351-1359.	3.8	121
35	Crosstalk between the coagulation and complement systems in sepsis. <i>Thrombosis Research</i> , 2014, 133, S28-S31.	1.7	114
36	Cellular Effects of Heparin on the Production and Release of Tissue Factor Pathway Inhibitor in Human Endothelial Cells in Culture. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 2251-2262.	2.4	112

#	ARTICLE	IF	CITATIONS
37	Extracellular protein disulfide isomerase regulates coagulation on endothelial cells through modulation of phosphatidylserine exposure. <i>Blood</i> , 2010, 116, 993-1001.	1.4	106
38	Thrombin Induces the Redistribution and Acute Release of Tissue Factor Pathway Inhibitor From Specific Granules Within Human Endothelial Cells in Culture. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 2055-2062.	2.4	105
39	Upregulation of Connexin43 Gap Junctions Between Smooth Muscle Cells After Balloon Catheter Injury in the Rat Carotid Artery. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 3174-3184.	2.4	105
40	Tissue Factor-Dependent Coagulation Is Preferentially Up-Regulated within Arterial Branching Areas in a Baboon Model of <i>Escherichia coli</i> Sepsis. <i>American Journal of Pathology</i> , 2005, 167, 1161-1172.	3.8	105
41	Expression, Localization, and Activity of Tissue Factor Pathway Inhibitor in Normal and Atherosclerotic Human Vessels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1362-1373.	2.4	101
42	Rings of membrane sterols surround the openings of vesicles and fenestrae, in capillary endothelium.. <i>Journal of Cell Biology</i> , 1983, 97, 1592-1600.	5.2	100
43	Tissue Factor Pathway Inhibitor in Endothelial Cells Colocalizes With Glycolipid Microdomains/Caveolae. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 2964-2974.	2.4	97
44	Endothelial epsin deficiency decreases tumor growth by enhancing VEGF signaling. <i>Journal of Clinical Investigation</i> , 2012, 122, 4424-4438.	8.2	97
45	Loss of the VEGF164 and VEGF188 Isoforms Impairs Postnatal Glomerular Angiogenesis and Renal Arteriogenesis in Mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 1548-1560.	6.1	95
46	Development of intracellular lipid deposits in the lipid-laden cells of atherosclerotic lesions. <i>Atherosclerosis</i> , 1987, 67, 127-142.	0.8	91
47	Sepsis and Pathophysiology of Anthrax in a Nonhuman Primate Model. <i>American Journal of Pathology</i> , 2006, 169, 433-444.	3.8	90
48	Deficiency of survivin in transgenic mice exacerbates Fas-induced apoptosis via mitochondrial pathways. <i>Gastroenterology</i> , 2002, 123, 619-631.	1.3	86
49	Activated protein C inhibits neutrophil extracellular trap formation in vitro and activation in vivo. <i>Journal of Biological Chemistry</i> , 2017, 292, 8616-8629.	3.4	84
50	Sepsis-Induced Coagulation in the Baboon Lung Is Associated with Decreased Tissue Factor Pathway Inhibitor. <i>American Journal of Pathology</i> , 2007, 171, 1066-1077.	3.8	83
51	Inhibition of complement C5 protects against organ failure and reduces mortality in a baboon model of <i>Escherichia coli</i> sepsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6390-E6399.	7.1	81
52	Multiple mouse models of primary lymphedema exhibit distinct defects in lymphovenous valve development. <i>Developmental Biology</i> , 2016, 409, 218-233.	2.0	78
53	Mortality among recipients of the Merck V710 <i>Staphylococcus aureus</i> vaccine after postoperative <i>S. aureus</i> infections: An analysis of possible contributing host factors. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 3513-3516.	3.3	77
54	Inter- α inhibitor protein and its associated glycosaminoglycans protect against histone-induced injury. <i>Blood</i> , 2015, 125, 2286-2296.	1.4	75

#	ARTICLE	IF	CITATIONS
55	The role of endothelial shear stress on haemodynamics, inflammation, coagulation and glycocalyx during sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 12258-12271.	3.6	75
56	Differential regulation of human and murine P-selectin expression and function in vivo. <i>Journal of Experimental Medicine</i> , 2010, 207, 2975-2987.	8.5	72
57	ELTD1, a Potential New Biomarker for Gliomas. <i>Neurosurgery</i> , 2013, 72, 77-91.	1.1	72
58	Lack of endothelial cell survivin causes embryonic defects in angiogenesis, cardiogenesis, and neural tube closure. <i>Blood</i> , 2007, 109, 4742-4752.	1.4	71
59	Prelesional events in atherogenesis. <i>Atherosclerosis</i> , 1987, 67, 143-154.	0.8	67
60	Profibrotic Infrapatellar Fat Pad Remodeling Without M1 Macrophage Polarization Precedes Knee Osteoarthritis in Mice With Diet-Induced Obesity. <i>Arthritis and Rheumatology</i> , 2017, 69, 1221-1232.	5.6	67
61	Novel protein ADTRP regulates TFPI expression and function in human endothelial cells in normal conditions and in response to androgen. <i>Blood</i> , 2011, 118, 4463-4471.	1.4	65
62	High efficiency reporter gene transfection of vascular tissue in vitro and in vivo using a cationic lipid-DNA complex. <i>Gene Therapy</i> , 1997, 4, 162-171.	4.5	62
63	Colocalization of Thrombin, PAI-1, and Vitronectin in the Atherosclerotic Vessel Wall. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1143-1149.	2.4	62
64	VE-statin/egfl7 regulates vascular elastogenesis by interacting with lysyl oxidases. <i>EMBO Journal</i> , 2008, 27, 1658-1670.	7.8	61
65	Altered gene expression and increased bursting activity of colonic smooth muscle ATP-sensitive K ⁺ channels in experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G274-G285.	3.4	59
66	Polycystic disease caused by deficiency in xylosyltransferase 2, an initiating enzyme of glycosaminoglycan biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9416-9421.	7.1	55
67	Sphingosine 1-phosphate and its carrier apolipoprotein M in human sepsis and in <i>Escherichia coli</i> sepsis in baboons. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1170-1181.	3.6	54
68	Expression and Localization of Tissue Factor Pathway Inhibitor-2 in Normal and Atherosclerotic Human Vessels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 218-224.	2.4	52
69	Adenovirus-Mediated Expression of Tissue Factor Pathway Inhibitor-2 Inhibits Endothelial Cell Migration and Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 310-316.	2.4	52
70	In vivo detection of c-Met expression in a rat C6 glioma model. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 174-186.	3.6	52
71	Expression of LDL receptor-related protein/alpha 2-macroglobulin receptor in human normal and atherosclerotic arteries. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1994, 14, 1438-1444.	3.9	50
72	Inhibition of contact-mediated activation of factor XI protects baboons against <i>S aureus</i> -induced organ damage and death. <i>Blood Advances</i> , 2019, 3, 658-669.	5.2	50

#	ARTICLE	IF	CITATIONS
73	Involvement of Calcium and G Proteins in the Acute Release of Tissue-Type Plasminogen Activator and von Willebrand Factor From Cultured Human Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 2177-2187.	2.4	49
74	Cellular events in the development of valvular atherosclerotic lesions induced by experimental hypercholesterolemia. <i>Atherosclerosis</i> , 1987, 67, 199-214.	0.8	46
75	Cellular and viral microRNAs in sepsis: mechanisms of action and clinical applications. <i>Cell Death and Differentiation</i> , 2016, 23, 1906-1918.	11.2	46
76	Plasminogen activation: a mediator of vascular smooth muscle cell apoptosis in atherosclerotic plaques. <i>Journal of Thrombosis and Haemostasis</i> , 2006, 4, 664-670.	3.8	45
77	Kupffer cell receptor CLEC4F is important for the destruction of desialylated platelets in mice. <i>Cell Death and Differentiation</i> , 2021, 28, 3009-3021.	11.2	44
78	Bacillus anthracis peptidoglycan activates human platelets through Fcγ ₃ RII and complement. <i>Blood</i> , 2013, 122, 571-579.	1.4	41
79	Fluid Flow Induces Upregulation of Synthesis and Release of Tissue Factor Pathway Inhibitor In Vitro. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 2474-2482.	2.4	40
80	Aberrant fibrin formation and cross-linking of fibrinogen Nieuwegein, a variant with a shortened A α -chain, alters endothelial capillary tube formation. <i>Blood</i> , 2001, 97, 973-980.	1.4	39
81	Prelesional Modifications of the Vessel Wall in Hyperlipidemic Atherogenesis.. <i>Annals of the New York Academy of Sciences</i> , 1990, 598, 1-16.	3.8	37
82	Complement inhibition decreases early fibrogenic events in the lung of septic baboons. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 2549-2563.	3.6	36
83	Notch3 Arg170Cys Knock-In Mice Display Pathologic and Clinical Features of the Neurovascular Disorder Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2881-2888.	2.4	35
84	In Vivo Imaging of Immuno-Spin Trapped Radicals With Molecular Magnetic Resonance Imaging in a Diabetic Mouse Model. <i>Diabetes</i> , 2012, 61, 2405-2413.	0.6	35
85	The sepsis model: an emerging hypothesis for the lethality of inhalation anthrax. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 914-920.	3.6	35
86	In vivo detection of free radicals using molecular MRI and immuno-spin trapping in a mouse model for amyotrophic lateral sclerosis. <i>Free Radical Biology and Medicine</i> , 2013, 63, 351-360.	2.9	34
87	The NuRD Chromatin-Remodeling Enzyme CHD4 Promotes Embryonic Vascular Integrity by Transcriptionally Regulating Extracellular Matrix Proteolysis. <i>PLoS Genetics</i> , 2013, 9, e1004031.	3.5	33
88	Molecular Magnetic Resonance Imaging Approaches Used to Aid in the Understanding of Angiogenesis <i>In Vivo</i>: Implications for Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2010, 16, 357-364.	3.1	32
89	Elevated CXCL1 expression in gp130-deficient endothelial cells impairs neutrophil migration in mice. <i>Blood</i> , 2013, 122, 3832-3842.	1.4	31
90	L-SIGN is a receptor on liver sinusoidal endothelial cells for SARS-CoV-2 virus. <i>JCI Insight</i> , 2021, 6, .	5.0	31

#	ARTICLE	IF	CITATIONS
91	Acute Lung Injury and Fibrosis in a Baboon Model of <i>Escherichia coli</i> Sepsis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 439-450.	2.9	30
92	Factor XII Activation Promotes Platelet Consumption in the Presence of Bacterial-Type Long-Chain Polyphosphate In Vitro and In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1748-1760.	2.4	30
93	Temporal dynamics of gene expression in the lung in a baboon model of <i>E. coli</i> sepsis. <i>BMC Genomics</i> , 2007, 8, 58.	2.8	29
94	Pathophysiology, staging and therapy of severe sepsis in baboon models. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 672-682.	3.6	29
95	In vivo detection of inducible nitric oxide synthase in rodent gliomas. <i>Free Radical Biology and Medicine</i> , 2010, 48, 691-703.	2.9	28
96	The contact pathway and sepsis. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2019, 3, 331-339.	2.3	28
97	Suppression of Tumor Growth in Mice by Rationally Designed Pseudopeptide Inhibitors of Fibroblast Activation Protein and Prolyl Oligopeptidase. <i>Neoplasia</i> , 2015, 17, 43-54.	5.3	27
98	In vivo detection of free radicals in mouse septic encephalopathy using molecular MRI and immuno-spin trapping. <i>Free Radical Biology and Medicine</i> , 2013, 65, 828-837.	2.9	26
99	<i>Bacillus anthracis</i> Lethal Toxin Reduces Human Alveolar Epithelial Barrier Function. <i>Infection and Immunity</i> , 2012, 80, 4374-4387.	2.2	25
100	In vivo-generated thrombin and plasmin do not activate the complement system in baboons. <i>Blood</i> , 2017, 130, 2678-2681.	1.4	25
101	DNA and factor VIIa-activating protease protect against the cytotoxicity of histones. <i>Blood Advances</i> , 2017, 1, 2491-2502.	5.2	25
102	Peptidoglycan induces disseminated intravascular coagulation in baboons through activation of both coagulation pathways. <i>Blood</i> , 2018, 132, 849-860.	1.4	25
103	Role of PDI in regulating tissue factor: FVIIa activity. <i>Thrombosis Research</i> , 2010, 125, S38-S41.	1.7	24
104	Cross-Talk between the Complement Pathway and the Contact Activation System of Coagulation: Activated Factor XI Neutralizes Complement Factor H. <i>Journal of Immunology</i> , 2021, 206, 1784-1792.	0.8	24
105	Motif mimetic of epsin perturbs tumor growth and metastasis. <i>Journal of Clinical Investigation</i> , 2015, 125, 4349-4364.	8.2	24
106	Caveolin-1 Enhances Tissue Factor Pathway Inhibitor Exposure and Function on the Cell Surface. <i>Journal of Biological Chemistry</i> , 2005, 280, 22308-22317.	3.4	23
107	Internalization of Exogenously Added Memapsin 2 (β -Secretase) Ectodomain by Cells Is Mediated by Amyloid Precursor Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 37886-37894.	3.4	22
108	Combined molecular MRI and immuno-spin-trapping for in vivo detection of free radicals in orthotopic mouse GL261 gliomas. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 2153-2161.	3.8	22

#	ARTICLE	IF	CITATIONS
109	Role of ADTRP (Androgen-Dependent Tissue Factor Pathway Inhibitor Regulating Protein) in Vascular Development and Function. <i>Journal of the American Heart Association</i> , 2018, 7, e010690.	3.7	22
110	Cytochemical localization of β_2 -lipoproteins and their components in successive stages of hyperlipidemic atherosclerosis of rabbit aorta. <i>Atherosclerosis</i> , 1989, 79, 183-195.	0.8	21
111	In situ Analysis of Tissue Factor-Dependent Thrombin Generation in Human Atherosclerotic Vessels. <i>Thrombosis and Haemostasis</i> , 2000, 84, 904-911.	3.4	21
112	Loss of mucin-type O-glycans impairs the integrity of the glomerular filtration barrier in the mouse kidney. <i>Journal of Biological Chemistry</i> , 2017, 292, 16491-16497.	3.4	21
113	Endothelial PAI-1 (Plasminogen Activator Inhibitor-1) Blocks the Intrinsic Pathway of Coagulation, Inducing the Clearance and Degradation of FXIa (Activated Factor XI). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1390-1401.	2.4	21
114	Bemiparin and Fluid Flow Modulate the Expression, Activity and Release of Tissue Factor Pathway Inhibitor in Human Endothelial Cells In Vitro. <i>Thrombosis and Haemostasis</i> , 2001, 86, 1547-1554.	3.4	20
115	Fondaparinux pentasaccharide reduces sepsis coagulopathy and promotes survival in the baboon model of Escherichia coli sepsis. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 180-190.	3.8	20
116	Plasma Viral miRNAs Indicate a High Prevalence of Occult Viral Infections. <i>EBioMedicine</i> , 2017, 20, 182-192.	6.1	19
117	Neutrophil extracellular trap inhibition increases inflammation, bacteraemia and mortality in murine necrotizing enterocolitis. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 10814-10824.	3.6	19
118	Molecular MRI assessment of vascular endothelial growth factor receptor-2 in rat C6 gliomas. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 837-849.	3.6	18
119	Insights into the Functional Role of ADTRP (Androgen-Dependent TFPI-Regulating Protein) in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4451.	4.1	17
120	Acute Release of Tissue Factor Pathway Inhibitor after In Vivo Thrombin Generation in Baboons. <i>Thrombosis and Haemostasis</i> , 1999, 82, 1652-1658.	3.4	16
121	The NuRD chromatin-remodeling complex enzyme CHD4 prevents hypoxia-induced endothelial Ripk3 transcription and murine embryonic vascular rupture. <i>Cell Death and Differentiation</i> , 2020, 27, 618-631.	11.2	16
122	CD14 inhibition improves survival and attenuates thrombo-inflammation and cardiopulmonary dysfunction in a baboon model of Escherichia coli sepsis. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 429-443.	3.8	16
123	Distinct localization and function of β_2 receptor subtypes and the β_2 receptor GAP1P4BP in highly purified human platelet membranes. <i>Blood</i> , 2000, 95, 3412-3422.	1.4	16
124	Early Antibiotic Exposure Alters Intestinal Development and Increases Susceptibility to Necrotizing Enterocolitis: A Mechanistic Study. <i>Microorganisms</i> , 2022, 10, 519.	3.6	16
125	Alterations of phospholipid asymmetry in the membrane of spontaneously aggregated platelets in diabetes. <i>Thrombosis Research</i> , 1988, 50, 605-616.	1.7	15
126	In Vivo Detection of c-MET Expression in a Rat Hepatocarcinogenesis Model Using Molecularly Targeted Magnetic Resonance Imaging. <i>Molecular Imaging</i> , 2007, 6, 7290.2006.00031.	1.4	15

#	ARTICLE	IF	CITATIONS
127	Molecular Magnetic Resonance Imaging Approaches Used to Aid in the Understanding of the Tissue Regeneration Marker Met <i><i>In Vivo</i></i> : Implications for Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2010, 16, 365-371.	3.1	15
128	Factor XII plays a pathogenic role in organ failure and death in baboons challenged with <i><i>Staphylococcus aureus</i></i> . <i>Blood</i> , 2021, 138, 178-189.	1.4	15
129	Disseminated intravascular coagulation and its immune mechanisms. <i>Blood</i> , 2022, 139, 1973-1986.	1.4	15
130	Acceleration of Small Intestine Development and Remodeling of the Microbiome Following Hyaluronan 35 kDa Treatment in Neonatal Mice. <i>Nutrients</i> , 2021, 13, 2030.	4.1	13
131	Protein and gene expression of Ca ²⁺ channel isoforms in murine colon: effect of inflammation. <i>Pflugers Archiv European Journal of Physiology</i> , 2004, 449, 288-97.	2.8	12
132	BRG1 (Brahma-Related Gene 1) Promotes Endothelial <i><i>Mrtf</i></i> Transcription to Establish Embryonic Capillary Integrity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1674-1682.	2.4	12
133	Excessive Plasmin Compromises Hepatic Sinusoidal Vascular Integrity After Acetaminophen Overdose. <i>Hepatology</i> , 2018, 68, 1991-2003.	7.3	12
134	Observations on Complement Activity in the Two-Stage Inflammatory/Hemostatic Response in the Baboon and Human Models of E. Coli Sepsis and Endotoxemia. <i>Advances in Experimental Medicine and Biology</i> , 2006, 586, 203-216.	1.6	12
135	Targeting ELTD1, an angiogenesis marker for glioblastoma (GBM), also affects VEGFR2: molecular-targeted MRI assessment. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 9, 93-109.	1.0	12
136	4-Hydroxynonenal induces membrane perturbations and inhibition of basal prostacyclin production in endothelial cells, and migration of monocytes.. <i>Cell Biology International</i> , 1994, 18, 985-992.	3.0	11
137	Serum Amyloid P and IgG Exhibit Differential Capabilities in the Activation of the Innate Immune System in Response to Bacillus anthracis Peptidoglycan. <i>Infection and Immunity</i> , 2018, 86, .	2.2	11
138	Molecular MRI differentiation of VEGF receptor-2 levels in C6 and RG2 glioma models. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 3, 300-11.	1.0	11
139	In vivo detection of c-MET expression in a rat hepatocarcinogenesis model using molecularly targeted magnetic resonance imaging. <i>Molecular Imaging</i> , 2007, 6, 18-29.	1.4	10
140	â€œCrossroads in Sepsis Researchâ€•Review Series Overview of the pathophysiology of sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1072-1073.	3.6	9
141	The spin trap 5,5-dimethyl-1-pyrroline N-oxide inhibits lipopolysaccharide-induced inflammatory response in RAW 264.7 cells. <i>Life Sciences</i> , 2012, 90, 432-439.	4.3	9
142	Matrix metalloproteinase inhibition affects adipose tissue mass in obese mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 544-550.	1.9	9
143	Prothrombin cleavage by human vascular smooth muscle cells: A potential alternative pathway to the coagulation cascade. <i>Journal of Cellular Biochemistry</i> , 1995, 59, 514-528.	2.6	8
144	OKN-007 decreases VEGFR-2 levels in a preclinical GL261 mouse glioma model. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 5, 363-78.	1.0	8

#	ARTICLE	IF	CITATIONS
145	Therapeutic efficacy of a synthetic epsin mimetic peptide in glioma tumor model: uncovering multiple mechanisms beyond the VEGF-associated tumor angiogenesis. <i>Journal of Neuro-Oncology</i> , 2018, 138, 17-27.	2.9	7
146	Prognostic Value of Procalcitonin, C-Reactive Protein, and Lactate Levels in Emergency Evaluation of Cancer Patients with Suspected Infection. <i>Cancers</i> , 2021, 13, 4087.	3.7	7
147	Complement C5 Inhibition Blocks the Cytokine Storm and Consumptive Coagulopathy By Decreasing Lipopolysaccharide (LPS) Release in E. coli Sepsis. <i>Blood</i> , 2015, 126, 765-765.	1.4	7
148	C3 Opsonization of Anthrax Bacterium and Peptidoglycan Supports Recognition and Activation of Neutrophils. <i>Microorganisms</i> , 2020, 8, 1039.	3.6	6
149	Complement C5 inhibition protects against hemolytic anemia and acute kidney injury in anthrax peptidoglycan-induced sepsis in baboons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	6
150	A new freeze-drying device for platinum replica studies of cell surface and cytoskeleton: An example using immunogold-labeled human erythrocytes. <i>Journal of Electron Microscopy Technique</i> , 1989, 11, 76-82.	1.1	4
151	Protective Mechanisms Of Inter-Alpha Inhibitor Protein On Extracellular Histone Toxicity. <i>Blood</i> , 2013, 122, 19-19.	1.4	3
152	Two improvements of polaron quick freezing slammer. <i>Journal of Electron Microscopy Technique</i> , 1987, 7, 235-236.	1.1	2
153	The Complement System and Coagulation. , 2016, , 173-193.		2
154	Caveolin-1 Deficiency in Mice Leads to Increased Protection Against Endotoxemia.. <i>Blood</i> , 2006, 108, 1814-1814.	1.4	2
155	A Novel C5 Complement Inhibitor Protects Against Sepsis-Induced Activation of Complement, Coagulation and Inflammation and Provides Survival Benefit in E. coli Sepsis. <i>Blood</i> , 2014, 124, 112-112.	1.4	2
156	Role of Androgen Dependent TFPI-Regulating Protein (ADTRP) in Vascular Development and Function. <i>Blood</i> , 2016, 128, 556-556.	1.4	1
157	P1-228 Internalization of exogenously added memapsin 2 (β -secretase) ectodomain into cells is mediated by amyloid precursor protein. <i>Neurobiology of Aging</i> , 2004, 25, S161.	3.1	0
158	<i>Laudatio to Professor Fletcher B. Taylor</i>. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 1069-1071.	3.6	0
159	A C3 inhibitor on its way to clinical applications: Novel developments in compstatin activity and function. <i>Molecular Immunology</i> , 2008, 45, 4180.	2.2	0
160	Proteolytic Cascades. , 2016, , 337-345.		0
161	Sepsis-Induced Coagulation in the Baboon Lung Is Associated with Decreased Endothelial Tissue Factor Pathway Inhibitor.. <i>Blood</i> , 2004, 104, 803-803.	1.4	0
162	Tissue Characterization of Hypoxia, Nitric Oxide and Apoptosis Pathways in a Baboon Model of E. coli Sepsis.. <i>Blood</i> , 2005, 106, 138-138.	1.4	0

#	ARTICLE	IF	CITATIONS
163	Functional Regulation of TFPI in Membrane Lipid Rafts.. Blood, 2006, 108, 1753-1753.	1.4	0
164	Junctional adhesion molecule-C regulates vascular endothelial permeability by modulating VE-cadherin-mediated cell-cell contacts. Journal of Cell Biology, 2006, 175, i12-i12.	5.2	0
165	Abstract 2048: microRNA regulation of tissue factor expression in breast cancer cells. , 2010, , .		0
166	Calcium Ionophore-Induced Tissue Factor (TF) Decryption Induces TF Immobilization Into Lipid Rafts and Negative Regulation of TF Procoagulant Activity.. Blood, 2010, 116, 1131-1131.	1.4	0
167	Crosstalk Between Inflammation and Thrombosis: The Surprising Role of Extracellular Histones. Blood, 2010, 116, MRG-1-MRG-1.	1.4	0
168	Novel Protein Encoded by C6orf105 Regulates Tissue Factor Pathway Inhibitor Expression and Function In Human Endothelial Cells In Normal Conditions and During Androgen Stimulation. Blood, 2010, 116, 348-348.	1.4	0
169	Complement inhibition decreases the fibrotic response in septic baboons. FASEB Journal, 2011, 25, 114.7.	0.5	0
170	Reduced proteoglycans, cystic disease and primary cilia. FASEB Journal, 2012, 26, 868.5.	0.5	0
171	Abstract 2986: A novel biomarker for gliomas, ELTD1. , 2012, , .		0
172	Inhibitory Autoantibodies to Protein Disulfide Isomerase From Systemic Lupus Erythematosus Patients Are Prothrombotic. Blood, 2012, 120, 392-392.	1.4	0
173	Bacteremia, Not Coagulation Proteases Contribute to In Vivo Complement Activation in Sepsis. Blood, 2016, 128, 275-275.	1.4	0
174	Abstract 276: Excessive Plasmin Activity Compromises Hepatic Sinusoidal Vascular Integrity After Acetaminophen Overdose. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	2.4	0
175	Abstract 037: Coagulation Factor XII Promotes Platelet Consumption in the Presence of Microbial Polyphosphate Under Shear Flow. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	2.4	0
176	Abstract 091: Coagulation Factor XII Promotes Platelet Consumption in the Presence of Microbial Polyphosphate Under Shear Flow. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	2.4	0
177	Complement System. , 2021, , 175-197.		0