

Edward M Conway

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

10,363
citations

47006

47
h-index

32842

100
g-index

121
all docs

121
docs citations

121
times ranked

13643
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomaterial and cellular implants: foreign surfaces where immunity and coagulation meet. <i>Blood</i> , 2022, 139, 1987-1998.	1.4	17
2	Persistently elevated complement alternative pathway biomarkers in COVID-19 correlate with hypoxemia and predict in-hospital mortality. <i>Medical Microbiology and Immunology</i> , 2022, 211, 37-48.	4.8	20
3	Absence of the lectin-like domain of thrombomodulin reduces HSV-1 lethality of mice with increased microglia responses. <i>Journal of Neuroinflammation</i> , 2022, 19, 66.	7.2	1
4	CD248 enhances tissue factor procoagulant function, promoting arterial and venous thrombosis in mouse models. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 1932-1947.	3.8	7
5	An improved in vitro model for studying the structural and functional properties of the endothelial glycocalyx in arteries, capillaries and veins. <i>FASEB Journal</i> , 2021, 35, e21643.	0.5	10
6	VEGF-Induced Endothelial Podosomes via ROCK2-Dependent Thrombomodulin Expression Initiate Sprouting Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1657-1671.	2.4	7
7	Brain Hypoxia Is Associated With Neuroglial Injury in Humans Post-Cardiac Arrest. <i>Circulation Research</i> , 2021, 129, 583-597.	4.5	37
8	Recombinant thrombomodulin domain 1 rescues pathological angiogenesis by inhibition of HIF-1 α -VEGF pathway. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 7681-7692.	5.4	11
9	The association of ABO blood group with indices of disease severity and multiorgan dysfunction in COVID-19. <i>Blood Advances</i> , 2020, 4, 4981-4989.	5.2	128
10	Is the COVID-19 thrombotic catastrophe complement-connected?. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 2812-2822.	3.8	53
11	Thrombomodulin Functional Domains Support Osteoblast Differentiation and Bone Healing in Diabetes in Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1812-1823.	2.8	8
12	Sustained depletion of FXIII-A by inducing acquired FXIII-B deficiency. <i>Blood</i> , 2020, 136, 2946-2954.	1.4	17
13	Thrombin: Coagulation's master regulator of innate immunity. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 1785-1789.	3.8	14
14	Platelets and Complement Cross-Talk in Early Atherogenesis. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 131.	2.4	29
15	Specific loss of adipocyte CD248 improves metabolic health via reduced white adipose tissue hypoxia, fibrosis and inflammation. <i>EBioMedicine</i> , 2019, 44, 489-501.	6.1	29
16	Polyphosphates and Complement Activation. <i>Frontiers in Medicine</i> , 2019, 6, 67.	2.6	11
17	Advances in Clinical and Basic Science of Coagulation: Illustrated abstracts of the 9th Chapel Hill Symposium on Hemostasis. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2018, 2, 407-428.	2.3	5
18	Complement-coagulation connections. <i>Blood Coagulation and Fibrinolysis</i> , 2018, 29, 243-251.	1.0	56

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19	Exploring traditional and nontraditional roles for thrombomodulin. <i>Blood</i> , 2018, 132, 148-158.	1.4	149
20	Diagnosis of Western Red Cedar Asthma Using a Blood-based Gene Expression Biomarker Panel. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1615-1617.	5.6	6
21	A novel 2-stage approach that detects complement activation in patients with antiphospholipid antibody syndrome. <i>Thrombosis Research</i> , 2017, 156, 119-125.	1.7	16
22	Alteration of blood clotting and lung damage by protamine are avoided using the heparin and polyphosphate inhibitor UHRA. <i>Blood</i> , 2017, 129, 1368-1379.	1.4	32
23	The Structural Basis for Complement Inhibition by Gigastasin, a Protease Inhibitor from the Giant Amazon Leech. <i>Journal of Immunology</i> , 2017, 199, 3883-3891.	0.8	14
24	Polyphosphate/platelet factor 4 complexes can mediate heparin-independent platelet activation in heparin-induced thrombocytopenia. <i>Blood Advances</i> , 2016, 1, 62-74.	5.2	58
25	Cross Talk Pathways Between Coagulation and Inflammation. <i>Circulation Research</i> , 2016, 118, 1392-1408.	4.5	418
26	Polyphosphate is a novel cofactor for regulation of complement by a serpin, C1 inhibitor. <i>Blood</i> , 2016, 128, 1766-1776.	1.4	59
27	Sweeteners for factor H. <i>Blood</i> , 2016, 127, 2656-2658.	1.4	0
28	Hepatocellular carcinoma repression by TNF α -mediated synergistic lethal effect of mitosis defect α -induced senescence and cell death sensitization. <i>Hepatology</i> , 2016, 64, 1105-1120.	7.3	30
29	Complement Activation in Arterial and Venous Thrombosis is Mediated by Plasmin. <i>EBioMedicine</i> , 2016, 5, 175-182.	6.1	117
30	A Nuclear Attack on Thrombosis and Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 221-223.	2.4	3
31	Essential Role for Survivin in the Proliferative Expansion of Progenitor and Mature B Cells. <i>Journal of Immunology</i> , 2016, 196, 2195-2204.	0.8	17
32	HUS and the case for complement. <i>Blood</i> , 2015, 126, 2085-2090.	1.4	30
33	The lectin like domain of thrombomodulin is involved in the defence against pyelonephritis. <i>Thrombosis Research</i> , 2015, 136, 1325-1331.	1.7	9
34	Interplay between fibrinolysis and complement: plasmin cleavage of iC3b modulates immune responses. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, 610-618.	3.8	41
35	HiFi SELEX: A high fidelity digital PCR based therapeutic aptamer discovery platform. <i>Biotechnology and Bioengineering</i> , 2015, 112, 1506-1522.	3.3	53
36	The thrombomodulin lectin-like domain does not change host responses to tuberculosis. <i>Thrombosis and Haemostasis</i> , 2014, 111, 345-353.	3.4	1

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37	Macrophage Matrix Metalloproteinase-12 Dampens Inflammation and Neutrophil Influx in Arthritis. <i>Cell Reports</i> , 2014, 9, 618-632.	6.4	93
38	An Unanticipated Role for Survivin in Organ Transplant Damage. <i>American Journal of Transplantation</i> , 2014, 14, 1046-1060.	4.7	9
39	Thrombomodulin's lectin-like domain reduces myocardial damage by interfering with HMGB1-mediated TLR2 signalling. <i>Cardiovascular Research</i> , 2014, 101, 400-410.	3.8	49
40	Modulation of Complement Activation and Amplification on Nanoparticle Surfaces by Glycopolymer Conformation and Chemistry. <i>ACS Nano</i> , 2014, 8, 7687-7703.	14.6	69
41	TGF β ² -mediated suppression of CD248 in non-cancer cells via canonical Smad-dependent signaling pathways is uncoupled in cancer cells. <i>BMC Cancer</i> , 2014, 14, 113.	2.6	13
42	Small-molecule inhibition of CBP/catenin interactions eliminates drug-resistant clones in acute lymphoblastic leukemia. <i>Oncogene</i> , 2014, 33, 2169-2178.	5.9	144
43	Polyphosphate suppresses complement via the terminal pathway. <i>Blood</i> , 2014, 123, 768-776.	1.4	53
44	TGF β -Mediated Suppression of CD248 in Non-Cancer Cells via Canonical SMAD-Dependent Signaling Pathways is Uncoupled in Cancer Cells. , 2014, , 1-26.		0
45	Mice Lacking the Lectin-Like Domain of Thrombomodulin Are Protected Against Melioidosis. <i>Critical Care Medicine</i> , 2014, 42, e221-e230.	0.9	9
46	Hepatic loss of survivin impairs postnatal liver development and promotes expansion of hepatic progenitor cells in mice. <i>Hepatology</i> , 2013, 58, 2109-2121.	7.3	21
47	Survivin Mediates Renal Proximal Tubule Recovery from AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 2023-2033.	6.1	88
48	Loss of survivin in neural precursor cells results in impaired long-term potentiation in the dentate gyrus and CA1-region. <i>Neuroscience</i> , 2013, 231, 413-419.	2.3	10
49	Loss of Survivin influences liver regeneration and is associated with impaired Aurora B function. <i>Cell Death and Differentiation</i> , 2013, 20, 834-844.	11.2	19
50	The lectin-like domain of thrombomodulin hampers host defence in pneumococcal pneumonia. <i>European Respiratory Journal</i> , 2013, 41, 935-942.	6.7	8
51	New specs for arteriovenous identity. <i>Blood</i> , 2013, 122, 3857-3858.	1.4	2
52	Gas6 gains entry into the coagulation cascade. <i>Blood</i> , 2013, 121, 570-571.	1.4	10
53	Loss of Survivin in the Prostate Epithelium Impedes Carcinogenesis in a Mouse Model of Prostate Adenocarcinoma. <i>PLoS ONE</i> , 2013, 8, e69484.	2.5	14
54	Lack of the Lectin-like Domain of Thrombomodulin Worsens Shiga Toxin-Associated Hemolytic Uremic Syndrome in Mice. <i>Journal of Immunology</i> , 2012, 189, 3661-3668.	0.8	35

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55	Editorial [Hot Topic: The Type XIV Family of C-type Lectin-like Domain (CTLD) Containing Proteins (Guest) Tj ETQq1,2,1,0.784314 rgBT, (O	2.1	42
56	The lectin-like domain of thrombomodulin ameliorates diabetic glomerulopathy via complement inhibition. <i>Thrombosis and Haemostasis</i> , 2012, 108, 1141-1153.	3.4	50
57	CD248: Reviewing its Role in Health and Disease. <i>Current Drug Targets</i> , 2012, 13, 432-439.	2.1	42
58	Evaluation of the Anti-angiogenic Activity of Saponins from <i>Maesa lanceolata</i> by Different Assays. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	5
59	Thrombin generates previously unidentified C5 products that support the terminal complement activation pathway. <i>Blood</i> , 2012, 120, 1717-1725.	1.4	164
60	Antibacterial activity, inflammatory response, coagulation and cytotoxicity effects of silver nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 328-336.	3.3	254
61	Thrombomodulin and its role in inflammation. <i>Seminars in Immunopathology</i> , 2012, 34, 107-125.	6.1	249
62	Inhibition of Allergic Bronchial Asthma by Thrombomodulin Is Mediated by Dendritic Cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 31-42.	5.6	44
63	Survivin Selectively Modulates Genes Deregulated in Human Leukemia Stem Cells. <i>Journal of Oncology</i> , 2011, 2011, 1-14.	1.3	20
64	Thrombomodulin is a determinant of metastasis through a mechanism linked to the thrombin binding domain but not the lectin-like domain. <i>Blood</i> , 2011, 118, 2889-2895.	1.4	68
65	Targeting survivin overcomes drug resistance in acute lymphoblastic leukemia. <i>Blood</i> , 2011, 118, 2191-2199.	1.4	102
66	Design of novel artemisinin-like derivatives with cytotoxic and anti-angiogenic properties. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1122-1135.	3.6	49
67	CD248 facilitates tumor growth via its cytoplasmic domain. <i>BMC Cancer</i> , 2011, 11, 162.	2.6	51
68	The Clock Is Ticking as the Clot Thickens. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2361-2363.	2.4	0
69	Relative Role of Genetic Complement Abnormalities in Sporadic and Familial aHUS and Their Impact on Clinical Phenotype. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 1844-1859.	4.5	818
70	Impaired neurogenesis, learning and memory and low seizure threshold associated with loss of neural precursor cell survivin. <i>BMC Neuroscience</i> , 2010, 11, 2.	1.9	20
71	CD248 and its cytoplasmic domain: A therapeutic target for arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 3595-3606.	6.7	60
72	Thrombomodulin Mutations in Atypical Hemolytic-Uremic Syndrome. <i>New England Journal of Medicine</i> , 2009, 361, 345-357.	27.0	495

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73	Role of the 2 zebrafish survivin genes in vasculo-angiogenesis, neurogenesis, cardiogenesis and hematopoiesis. BMC Developmental Biology, 2009, 9, 25.	2.1	40
74	Coagulation and innate immune responses: can we view them separately?. Blood, 2009, 114, 2367-2374.	1.4	252
75	Survivin mediates aberrant hematopoietic progenitor cell proliferation and acute leukemia in mice induced by internal tandem duplication of FIt3. Blood, 2009, 114, 394-403.	1.4	44
76	Super factor B-gets atypical HUS. Blood, 2009, 114, 2572-2574.	1.4	2
77	Protective role of the inhibitor of apoptosis protein, survivin, in toxin-induced acute renal failure. FASEB Journal, 2008, 22, 510-521.	0.5	38
78	Survivin Determines Cardiac Function by Controlling Total Cardiomyocyte Number. Circulation, 2008, 117, 1583-1593.	1.6	105
79	The lectin-like domain of thrombomodulin protects against ischaemia-reperfusion lung injury. European Respiratory Journal, 2008, 32, 862-870.	6.7	26
80	Role of Gas6 in erythropoiesis and anemia in mice. Journal of Clinical Investigation, 2008, 118, 583-96.	8.2	84
81	Lack of endothelial cell survivin causes embryonic defects in angiogenesis, cardiogenesis, and neural tube closure. Blood, 2007, 109, 4742-4752.	1.4	71
82	Protein C. , 2007, , 973-981.		0
83	Survivin Regulates Aberrant Proliferation of Hematopoietic Progenitor Cells with Self Renewal Capability and Development of Acute Leukemia Induced by Internal-Tandem-Duplication of FIt3.. Blood, 2007, 110, 599-599.	1.4	1
84	Another angiogenic gene linked to amyotrophic lateral sclerosis. Trends in Molecular Medicine, 2006, 12, 345-347.	6.7	30
85	The lectin-like domain of thrombomodulin interferes with complement activation and protects against arthritis. Journal of Thrombosis and Haemostasis, 2006, 4, 1813-1824.	3.8	125
86	VEGF inhibitors make blood. Nature Medicine, 2006, 12, 732-734.	30.7	18
87	Lymph makes you fat. Nature Genetics, 2005, 37, 1023-1024.	21.4	63
88	A genetic Xenopus laevis tadpole model to study lymphangiogenesis. Nature Medicine, 2005, 11, 998-1004.	30.7	212
89	Treatment of motoneuron degeneration by intracerebroventricular delivery of VEGF in a rat model of ALS. Nature Neuroscience, 2005, 8, 85-92.	14.8	464
90	Survivin splice variants regulate the balance between proliferation and cell death. Oncogene, 2005, 24, 1994-2007.	5.9	176

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91	Essential Role for Survivin in Early Brain Development. <i>Journal of Neuroscience</i> , 2005, 25, 6962-6970.	3.6	116
92	Role of Gas6 receptors in platelet signaling during thrombus stabilization and implications for antithrombotic therapy. <i>Journal of Clinical Investigation</i> , 2005, 115, 237-246.	8.2	210
93	Essential Role of Survivin, an Inhibitor of Apoptosis Protein, in T Cell Development, Maturation, and Homeostasis. <i>Journal of Experimental Medicine</i> , 2004, 199, 69-80.	8.5	151
94	Inflammation-associated Cell Cycle-independent Block of Apoptosis by Survivin in Terminally Differentiated Neutrophils. <i>Journal of Experimental Medicine</i> , 2004, 199, 1343-1354.	8.5	176
95	Thrombomodulin-Protein C-EPCR System. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1374-1383.	2.4	327
96	The diversity of endothelial cells: a challenge for therapeutic angiogenesis. <i>Genome Biology</i> , 2004, 5, 207.	9.6	48
97	Novel functions of thrombomodulin in inflammation. <i>Critical Care Medicine</i> , 2004, 32, S254-S261.	0.9	72
98	A CLEVER molecule that regulates lymphocyte trafficking. <i>Blood</i> , 2004, 104, 3840-3841.	1.4	0
99	Signalling silenced. <i>Nature</i> , 2003, 425, 139-140.	27.8	7
100	Role of PlGF in the intra- and intermolecular cross talk between the VEGF receptors Flt1 and Flk1. <i>Nature Medicine</i> , 2003, 9, 936-943.	30.7	699
101	Survivin-Dependent Angiogenesis in Ischemic Brain. <i>American Journal of Pathology</i> , 2003, 163, 935-946.	3.8	88
102	Angiogenesis: A link to Thrombosis in Athero-thrombotic Disease. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2003, 33, 241-248.	0.3	14
103	The Lectin-like Domain of Thrombomodulin Confers Protection from Neutrophil-mediated Tissue Damage by Suppressing Adhesion Molecule Expression via Nuclear Factor κ B and Mitogen-activated Protein Kinase Pathways. <i>Journal of Experimental Medicine</i> , 2002, 196, 565-577.	8.5	325
104	Deficiency of survivin in transgenic mice exacerbates Fas-induced apoptosis via mitochondrial pathways. <i>Gastroenterology</i> , 2002, 123, 619-631.	1.3	86
105	Molecular mechanisms of blood vessel growth. <i>Cardiovascular Research</i> , 2001, 49, 507-521.	3.8	813
106	Growing better blood vessels. <i>Nature Biotechnology</i> , 2001, 19, 1019-1020.	17.5	71
107	Characterization of a Mouse Model for Thrombomodulin Deficiency. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 1531-1537.	2.4	138
108	Three differentially expressed survivin cDNA variants encode proteins with distinct antiapoptotic functions. <i>Blood</i> , 2000, 95, 1435-1442.	1.4	166

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109	Plasmodium Falciparum-infected Erythrocytes: A Mutational Analysis of Cytoadherence via Murine Thrombomodulin. <i>Thrombosis and Haemostasis</i> , 1999, 81, 815-821.	3.4	10
110	Structure-Function Analyses of Thrombomodulin by Gene-Targeting in Mice: The Cytoplasmic Domain Is Not Required for Normal Fetal Development. <i>Blood</i> , 1999, 93, 3442-3450.	1.4	39
111	The Amino Terminal Lectin-Like Domain of Thrombomodulin Is Required for Constitutive Endocytosis. <i>Blood</i> , 1997, 89, 652-661.	1.4	44
112	Regulation of calcium binding proteins calreticulin and calsequestrin during differentiation in the myogenic cell line L6. <i>Journal of Cellular Physiology</i> , 1996, 166, 547-560.	4.1	25
113	Heat Shock-sensitive Expression of Calreticulin.. <i>Journal of Biological Chemistry</i> , 1995, 270, 17011-17016.	3.4	73
114	Thrombomodulin lacking the cytoplasmic domain efficiently internalizes thrombin via nonclathrin-coated, pit-mediated endocytosis. <i>Journal of Cellular Physiology</i> , 1994, 158, 285-298.	4.1	23
115	An ultrastructural study of thrombomodulin endocytosis: Internalization occurs via clathrin-coated and non-coated pits. <i>Journal of Cellular Physiology</i> , 1992, 151, 604-612.	4.1	27
116	Tumor necrosis factor enhances expression of tissue factor mRNA in endothelial cells. <i>Thrombosis Research</i> , 1989, 53, 231-241.	1.7	155
117	Tissue factor gene expression in acute myeloblastic leukemia. <i>Thrombosis Research</i> , 1989, 56, 425-430.	1.7	44
118	Anticoagulant active heparin-like molecules from cultured fibroblasts. <i>Experimental Cell Research</i> , 1986, 166, 253-258.	2.6	12
119	Thrombomodulin. , 0, , 939-946.		0