

Douglas B Cines

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

10,948
citations

81743

39
h-index

62479

80
g-index

87
all docs

87
docs citations

87
times ranked

8377
citing authors

#	ARTICLE	IF	CITATIONS
1	Standardization of terminology, definitions and outcome criteria in immune thrombocytopenic purpura of adults and children: report from an international working group. <i>Blood</i> , 2009, 113, 2386-2393.	0.6	2,128
2	Immune Thrombocytopenic Purpura. <i>New England Journal of Medicine</i> , 2002, 346, 995-1008.	13.9	1,237
3	American Society of Hematology 2019 guidelines for immune thrombocytopenia. <i>Blood Advances</i> , 2019, 3, 3829-3866.	2.5	684
4	The ITP syndrome: pathogenic and clinical diversity. <i>Blood</i> , 2009, 113, 6511-6521.	0.6	662
5	American Society of Hematology 2018 guidelines for management of venous thromboembolism: heparin-induced thrombocytopenia. <i>Blood Advances</i> , 2018, 2, 3360-3392.	2.5	448
6	Glycoprotein C of herpes simplex virus 1 acts as a receptor for the C3b complement component on infected cells. <i>Nature</i> , 1984, 309, 633-635.	13.7	412
7	SARS-CoV-2 Vaccine-Induced Immune Thrombotic Thrombocytopenia. <i>New England Journal of Medicine</i> , 2021, 384, 2254-2256.	13.9	412
8	Immune Endothelial-Cell Injury in Heparin-Associated Thrombocytopenia. <i>New England Journal of Medicine</i> , 1987, 316, 581-589.	13.9	408
9	Thrombocytopenia following Pfizer and Moderna <sc>SARS-CoV-2</sc> vaccination. <i>American Journal of Hematology</i> , 2021, 96, 534-537.	2.0	331
10	Prevalence of Heparin-Associated Antibodies Without Thrombosis in Patients Undergoing Cardiopulmonary Bypass Surgery. <i>Circulation</i> , 1997, 95, 1242-1246.	1.6	293
11	Ultralarge complexes of PF4 and heparin are central to the pathogenesis of heparin-induced thrombocytopenia. <i>Blood</i> , 2005, 105, 131-138.	0.6	272
12	Heparin-Associated Thrombocytopenia. <i>New England Journal of Medicine</i> , 1980, 303, 788-795.	13.9	265
13	Role of platelet surface PF4 antigenic complexes in heparin-induced thrombocytopenia pathogenesis: diagnostic and therapeutic implications. <i>Blood</i> , 2006, 107, 2346-2353.	0.6	234
14	Comparison of PF4/Heparin ELISA Assay With the ¹⁴ C-Serotonin Release Assay in the Diagnosis of Heparin-induced Thrombocytopenia. <i>American Journal of Clinical Pathology</i> , 1995, 104, 648-654.	0.4	206
15	Heparin-induced thrombocytopenia/thrombosis in a transgenic mouse model requires human platelet factor 4 and platelet activation through Fc γ RIIA. <i>Blood</i> , 2001, 98, 2442-2447.	0.6	193
16	Abciximab Readministration. <i>Circulation</i> , 2001, 104, 870-875.	1.6	143
17	Transgenic mice studies demonstrate a role for platelet factor 4 in thrombosis: dissociation between anticoagulant and antithrombotic effect of heparin. <i>Blood</i> , 2004, 104, 3173-3180.	0.6	140
18	Monocyte-bound PF4 in the pathogenesis of heparin-induced thrombocytopenia. <i>Blood</i> , 2010, 116, 5021-5031.	0.6	134

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19	Kinetics and mechanics of clot contraction are governed by the molecular and cellular composition of the blood. <i>Blood</i> , 2016, 127, 149-159.	0.6	133
20	Neutrophil accumulation and NET release contribute to thrombosis in HIT. <i>JCI Insight</i> , 2018, 3, .	2.3	115
21	Endogenous plasminogen activators mediate progressive intracerebral hemorrhage after traumatic brain injury in mice. <i>Blood</i> , 2015, 125, 2558-2567.	0.6	109
22	Atomic description of the immune complex involved in heparin-induced thrombocytopenia. <i>Nature Communications</i> , 2015, 6, 8277.	5.8	101
23	Thrombocytopenia in pregnancy. <i>Blood</i> , 2017, 130, 2271-2277.	0.6	100
24	Delivery of drugs bound to erythrocytes: new avenues for an old intravascular carrier. <i>Therapeutic Delivery</i> , 2015, 6, 795-826.	1.2	91
25	Platelet transactivation by monocytes promotes thrombosis in heparin-induced thrombocytopenia. <i>Blood</i> , 2016, 127, 464-472.	0.6	86
26	Heparin-induced thrombocytopenia: An autoimmune disorder regulated through dynamic autoantigen assembly/disassembly. <i>Journal of Clinical Apheresis</i> , 2007, 22, 31-36.	0.7	74
27	Neutrophil α -Defensins Cause Lung Injury by Disrupting the Capillary Epithelial Barrier. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 935-946.	2.5	73
28	Defensin Modulates Tissue-type Plasminogen Activator and Plasminogen Binding to Fibrin and Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 17650-17655.	1.6	72
29	Erythrocytes as Carriers for Drug Delivery in Blood Transfusion and Beyond. <i>Transfusion Medicine Reviews</i> , 2017, 31, 26-35.	0.9	67
30	Dynamic antibody-binding properties in the pathogenesis of HIT. <i>Blood</i> , 2012, 120, 1137-1142.	0.6	65
31	Can Immune Thrombocytopenia Be Cured with Medical Therapy?. <i>Seminars in Thrombosis and Hemostasis</i> , 2015, 41, 395-404.	1.5	63
32	Pathogenesis of heparin-induced thrombocytopenia. <i>Translational Research</i> , 2020, 225, 131-140.	2.2	61
33	Human neutrophil peptides inhibit cleavage of von Willebrand factor by ADAMTS13: a potential link of inflammation to TTP. <i>Blood</i> , 2016, 128, 110-119.	0.6	59
34	Polyphosphate/platelet factor 4 complexes can mediate heparin-independent platelet activation in heparin-induced thrombocytopenia. <i>Blood Advances</i> , 2016, 1, 62-74.	2.5	58
35	Blood clot contraction differentially modulates internal and external fibrinolysis. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 361-370.	1.9	57
36	Recognition of PF4-VWF complexes by heparin-induced thrombocytopenia antibodies contributes to thrombus propagation. <i>Blood</i> , 2020, 135, 1270-1280.	0.6	55

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37	SARS-CoV-2 vaccination and ITP in patients with de novo or preexisting ITP. <i>Blood</i> , 2022, 139, 1564-1574.	0.6	55
38	Release of IL-6 After Stroke Contributes to Impaired Cerebral Autoregulation and Hippocampal Neuronal Necrosis Through NMDA Receptor Activation and Upregulation of ET-1 and JNK. <i>Translational Stroke Research</i> , 2019, 10, 104-111.	2.3	53
39	Menstrual cyclic thrombocytopenia. <i>British Journal of Haematology</i> , 1989, 71, 519-524.	1.2	48
40	The risk of major bleeding in patients with suspected heparin-induced thrombocytopenia. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 1956-1965.	1.9	42
41	Thrombocytopenia in pregnancy. <i>Hematology American Society of Hematology Education Program</i> , 2017, 2017, 144-151.	0.9	40
42	Erythrocytes identify complement activation in patients with COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L485-L489.	1.3	39
43	Prospective comparison of the HEP score and 4Ts score for the diagnosis of heparin-induced thrombocytopenia. <i>Blood Advances</i> , 2018, 2, 3155-3162.	2.5	38
44	Endothelial antigen assembly leads to thrombotic complications in heparin-induced thrombocytopenia. <i>Journal of Clinical Investigation</i> , 2017, 127, 1090-1098.	3.9	37
45	COVID-19-associated Acute Respiratory Distress Syndrome Clarified: A Vascular Endotype?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 750-753.	2.5	36
46	Polyreactive IgM initiates complement activation by PF4/heparin complexes through the classical pathway. <i>Blood</i> , 2018, 132, 2431-2440.	0.6	35
47	Pathogenesis of heparin-induced thrombocytopenia and thrombosis. <i>Autoimmunity Reviews</i> , 2002, 1, 125-132.	2.5	33
48	Thrombocytopenia in pregnancy: Diagnosis and approach to management. <i>Blood Reviews</i> , 2020, 40, 100638.	2.8	31
49	Antibodies associated with heparin-induced thrombocytopenia (HIT) inhibit activated protein C generation: new insights into the prothrombotic nature of HIT. <i>Blood</i> , 2011, 118, 2882-2888.	0.6	30
50	Platelet-delivered ADAMTS13 inhibits arterial thrombosis and prevents thrombotic thrombocytopenic purpura in murine models. <i>Blood</i> , 2015, 125, 3326-3334.	0.6	30
51	ADAMTS13 autoantibodies cloned from patients with acquired thrombotic thrombocytopenic purpura: 1. Structural and functional characterization in vitro. <i>Transfusion</i> , 2016, 56, 1763-1774.	0.8	29
52	COVID-19 vaccination and immune thrombocytopenia. <i>Nature Medicine</i> , 2021, 27, 1145-1146.	15.2	29
53	Targeting thrombomodulin to circulating red blood cells augments its protective effects in models of endotoxemia and ischemia-reperfusion injury. <i>FASEB Journal</i> , 2017, 31, 761-770.	0.2	27
54	T2 Magnetic Resonance: A Diagnostic Platform for Studying Integrated Hemostasis in Whole Blood—Proof of Concept. <i>Clinical Chemistry</i> , 2014, 60, 1174-1182.	1.5	26

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55	ICAM-1â€‘targeted thrombomodulin mitigates tissue factorâ€‘driven inflammatory thrombosis in a human endothelialized microfluidic model. <i>Blood Advances</i> , 2017, 1, 1452-1465.	2.5	26
56	Complement mediates binding and procoagulant effects of ultralarge HIT immune complexes. <i>Blood</i> , 2021, 138, 2106-2116.	0.6	23
57	FcRn augments induction of tissue factor activity by IgG-containing immune complexes. <i>Blood</i> , 2020, 135, 2085-2093.	0.6	19
58	Atomic features of an autoantigen in heparin-induced thrombocytopenia (HIT). <i>Autoimmunity Reviews</i> , 2016, 15, 752-755.	2.5	17
59	ADAMTS13 autoantibodies cloned from patients with acquired thrombotic thrombocytopenic purpura: 2. Pathogenicity in an animal model. <i>Transfusion</i> , 2016, 56, 1775-1785.	0.8	16
60	Î±-Defensins Induce a Post-translational Modification of Low Density Lipoprotein (LDL) That Promotes Atherosclerosis at Normal Levels of Plasma Cholesterol. <i>Journal of Biological Chemistry</i> , 2016, 291, 2777-2786.	1.6	16
61	Role of monocytes and endothelial cells in heparin-induced thrombocytopenia. <i>Thrombosis and Haemostasis</i> , 2016, 116, 806-812.	1.8	15
62	Alphaâ€‘defensins: risk factor for thrombosis in COVIDâ€‘19 infection. <i>British Journal of Haematology</i> , 2021, 194, 44-52.	1.2	15
63	Functional NMDA receptors are expressed by human pulmonary artery smooth muscle cells. <i>Scientific Reports</i> , 2021, 11, 8205.	1.6	12
64	Management of antithrombotic therapy in adults with immune thrombocytopenia (ITP): a survey of ITP specialists and general hematologistâ€‘oncologists. <i>Journal of Thrombosis and Thrombolysis</i> , 2018, 46, 24-30.	1.0	11
65	Molecular and cellular pathogenesis of heparin-induced thrombocytopenia (HIT). <i>Autoimmunity Reviews</i> , 2018, 17, 1046-1052.	2.5	11
66	Tissue-Type Plasminogen Activator-A ²⁹⁶ â€‘ ²⁹⁹ Prevents Impairment of Cerebral Autoregulation After Stroke Through Lipoprotein-Related Receptorâ€‘Dependent Increase in cAMP and p38. <i>Stroke</i> , 2016, 47, 2096-2102.	1.0	9
67	Dynamic intercellular redistribution of HIT antigen modulates heparin-induced thrombocytopenia. <i>Blood</i> , 2018, 132, 727-734.	0.6	9
68	Human neutrophil peptideâ€‘1 inhibits thrombus formation under arterial flow via its terminal free cysteine thiols. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 596-606.	1.9	9
69	tPA variant tPAâ€‘A ²⁹⁶ â€‘ ²⁹⁹ Prevents impairment of cerebral autoregulation and necrosis of hippocampal neurons after stroke by inhibiting upregulation of ETâ€‘1. <i>Journal of Neuroscience Research</i> , 2018, 96, 128-137.	1.3	8
70	Mesenchymal stromal cells enhance self-assembly of a HUVEC tubular network through uPA-uPAR/VEGFR2/integrin/NOTCH crosstalk. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119157.	1.9	8
71	Antigen and substrate withdrawal in the management of autoimmune thrombotic disorders. <i>Blood</i> , 2012, 120, 4134-4142.	0.6	6
72	Diagnosing HIT: the need for speed. <i>Blood</i> , 2020, 135, 1082-1083.	0.6	5

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73	T2 Magnetic Resonance to Monitor Hemostasis. Seminars in Thrombosis and Hemostasis, 2019, 45, 247-252.	1.5	3
74	Erythrocyte Coupled tPA Improves Outcomes of Percussion Brain Trauma in Rats.. Blood, 2006, 108, 897-897.	0.6	3
75	Regulation of neovascularization by human neutrophil peptides (α -defensins): a link between inflammation and angiogenesis. , 2004, 18, 1306.		1
76	Dietary Hypercholesterolemia Enhances Heparin-Induced Thrombocytopenia/Thrombosis: A Prothrombotic Risk Factor in a Transgenic Mouse Model.. Blood, 2005, 106, 56-56.	0.6	1
77	A Microfluidic Model of Microvascular Inflammation: Characterization and Testing of Endothelial-Targeted Therapeutics. Blood, 2015, 126, 3454-3454.	0.6	1
78	Inhibition of Pathological Retinal Neovascularization by α -Defensins.. Blood, 2005, 106, 3678-3678.	0.6	1
79	Monocytes Are a Particularly Favorable Target for Surface Platelet Factor 4 (PF4) Antigenic Complex Formation in Heparin-Induced Thrombocytopenia: New Insights into the Thrombotic Risk in HIT. Blood, 2008, 112, 271-271.	0.6	1
80	Membrane Remodeling By Pathogenic Antibodies Underlies Monocyte Activation in Heparin-Induced Thrombocytopenia. Blood, 2015, 126, 2244-2244.	0.6	1
81	Coupling Tissue Type Plasminogen Activator to Carrier Erythrocyte Protects Against Plasma Inhibitors.. Blood, 2005, 106, 1881-1881.	0.6	0
82	Interaction of High Molecular Weight Kininogen with Endothelial Cell Receptors suPAR, gC1qR and Cytokeratin 1 by Surface Plasmon Resonance (BiaCore).. Blood, 2005, 106, 2666-2666.	0.6	0
83	Platelet Factor 4 (PF4) Antigenic Complexes on the Macrophage Surface: Implications for the Pathogenesis of Heparin Induced Thrombocytopenia (HIT).. Blood, 2006, 108, 94-94.	0.6	0
84	Cleaved high molecular weight kininogen (HKa) enhances the association of human α -v β 3 to the complex formed by urokinase and urokinase plasminogen activator receptor (uPAR). FASEB Journal, 2007, 21, A178.	0.2	0
85	Visualizing the Molecular and Cellular Basis of Heparin Induced Thrombocytopenia.. Blood, 2009, 114, 228-228.	0.6	0
86	Human Neutrophil Peptides (HNPs) Enhance Thrombus Formation Under Flow By Inhibiting Proteolytic Activity of Plasma ADAMTS13 Metalloprotease. Blood, 2015, 126, 105-105.	0.6	0