

Frank M Davis

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,742
citations

304368

22
h-index

329751

37
g-index

40
all docs

40
docs citations

40
times ranked

2599
citing authors

#	ARTICLE	IF	CITATIONS
1	A 22-year analysis of the Society for Vascular Surgery Foundation Mentored Research Career Development Award in fostering vascular surgeon-scientists. <i>Journal of Vascular Surgery</i> , 2022, 75, 398-406.e3.	0.6	7
2	The Role of Epigenetic Modifications in Abdominal Aortic Aneurysm Pathogenesis. <i>Biomolecules</i> , 2022, 12, 172.	1.8	8
3	IFN- γ is critical for normal wound repair and is decreased in diabetic wounds. <i>JCI Insight</i> , 2022, 7, .	2.3	5
4	Fenestrated repair improves perioperative outcomes but lacks a hospital volume association for complex abdominal aortic aneurysms. <i>Journal of Vascular Surgery</i> , 2021, 73, 417-425.e1.	0.6	11
5	Inhibition of macrophage histone demethylase JMJD3 protects against abdominal aortic aneurysms. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	63
6	Coronavirus induces diabetic macrophage-mediated inflammation via SETDB2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26
7	Variation in Hospital Door-to-Intervention Time for Ruptured AAAs and Its Association with Outcomes. <i>Annals of Vascular Surgery</i> , 2020, 62, 83-91.	0.4	7
8	A multi-institutional experience in vascular Ehlers-Danlos syndrome diagnosis. <i>Journal of Vascular Surgery</i> , 2020, 71, 149-157.	0.6	28
9	Assessing the academic influence of vascular surgeons within the National Institutes of Health iCite database. <i>Journal of Vascular Surgery</i> , 2020, 71, 1741-1748.e2.	0.6	9
10	Volume Standards for Open Abdominal Aortic Aneurysm Repair Are Not Associated With Improved Clinical Outcomes. <i>Annals of Vascular Surgery</i> , 2020, 62, 1-7.	0.4	8
11	Palmitate- ϵ TLR4 signaling regulates the histone demethylase, JMJD3, in macrophages and impairs diabetic wound healing. <i>European Journal of Immunology</i> , 2020, 50, 1929-1940.	1.6	29
12	Recognizing the evolving and beneficial role of regulatory T cells in aneurysm growth. <i>Journal of Vascular Surgery</i> , 2020, 72, 1097.	0.6	0
13	Epigenetic Regulation of TLR4 in Diabetic Macrophages Modulates Immunometabolism and Wound Repair. <i>Journal of Immunology</i> , 2020, 204, 2503-2513.	0.4	19
14	TNF- α regulates diabetic macrophage function through the histone acetyltransferase MOF. <i>JCI Insight</i> , 2020, 5, .	2.3	25
15	Epigenetic regulation of the PGE2 pathway modulates macrophage phenotype in normal and pathologic wound repair. <i>JCI Insight</i> , 2020, 5, .	2.3	37
16	The Histone Methyltransferase Setdb2 Modulates Macrophage Phenotype and Uric Acid Production in Diabetic Wound Repair. <i>Immunity</i> , 2019, 51, 258-271.e5.	6.6	85
17	SIRT3 Regulates Macrophage-Mediated Inflammation in Diabetic Wound Repair. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2528-2537.e2.	0.3	46
18	Sepsis Induces Prolonged Epigenetic Modifications in Bone Marrow and Peripheral Macrophages Impairing Inflammation and Wound Healing. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2353-2366.	1.1	46

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19	Histone Methylation Directs Myeloid TLR4 Expression and Regulates Wound Healing following Cutaneous Tissue Injury. <i>Journal of Immunology</i> , 2019, 202, 1777-1785.	0.4	28
20	A multi-institutional experience in the aortic and arterial pathology in individuals with genetically confirmed vascular Ehlers-Danlos syndrome. <i>Journal of Vascular Surgery</i> , 2019, 70, 1543-1554.	0.6	39
21	Variation in the elective management of small abdominal aortic aneurysms and physician practice patterns. <i>Journal of Vascular Surgery</i> , 2019, 70, 1089-1098.	0.6	12
22	Epigenetic Mechanisms in Monocytes/Macrophages Regulate Inflammation in Cardiometabolic and Vascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 623-634.	1.1	87
23	Updates of Recent Aortic Aneurysm Research. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, e83-e90.	1.1	70
24	Targeting epigenetic mechanisms in diabetic wound healing. <i>Translational Research</i> , 2019, 204, 39-50.	2.2	127
25	Early Outcomes following Endovascular, Open Surgical, and Hybrid Revascularization for Lower Extremity Acute Limb Ischemia. <i>Annals of Vascular Surgery</i> , 2018, 51, 106-112.	0.4	36
26	Ly6C ^{hi} Blood Monocyte/Macrophage Drive Chronic Inflammation and Impair Wound Healing in Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1102-1114.	1.1	128
27	Time Heals All Wounds – But Wounds Heal Faster with Lactobacillus. <i>Cell Host and Microbe</i> , 2018, 23, 432-434.	5.1	18
28	Dysfunctional Wound Healing in Diabetic Foot Ulcers: New Crossroads. <i>Current Diabetes Reports</i> , 2018, 18, 2.	1.7	166
29	The Clinical Impact of Cardiology Consultation Prior to Major Vascular Surgery. <i>Annals of Surgery</i> , 2018, 267, 189-195.	2.1	17
30	Murine macrophage chemokine receptor CCR2 plays a crucial role in macrophage recruitment and regulated inflammation in wound healing. <i>European Journal of Immunology</i> , 2018, 48, 1445-1455.	1.6	59
31	Predictors of surgical site infection after open lower extremity revascularization. <i>Journal of Vascular Surgery</i> , 2017, 65, 1769-1778.e3.	0.6	54
32	The effects of preoperative cardiology consultation prior to elective abdominal aortic aneurysm repair on patient morbidity. <i>Vascular</i> , 2017, 25, 390-395.	0.4	1
33	Intravascular ultrasound as a novel tool for the diagnosis and targeted treatment of functional popliteal artery entrapment syndrome. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2017, 3, 74-78.	0.3	9
34	The Histone Methyltransferase MLL1 Directs Macrophage-Mediated Inflammation in Wound Healing and Is Altered in a Murine Model of Obesity and Type 2 Diabetes. <i>Diabetes</i> , 2017, 66, 2459-2471.	0.3	64
35	Pediatric nonaortic arterial aneurysms. <i>Journal of Vascular Surgery</i> , 2016, 63, 466-476.e1.	0.6	40
36	Abdominal aortic aneurysm. <i>Current Opinion in Cardiology</i> , 2015, 30, 566-573.	0.8	127

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37	Sarcomere Mutation-Specific Expression Patterns in Human Hypertrophic Cardiomyopathy. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 434-443.	5.1	82
38	Mechanisms of aortic aneurysm formation: translating preclinical studies into clinical therapies. <i>Heart</i> , 2014, 100, 1498-1505.	1.2	112
39	Emergent Transcutaneous Embolization in an Advanced Carcinosarcoma. <i>American Journal of the Medical Sciences</i> , 2013, 346, 435-437.	0.4	0