Frank M Davis

List of Publications by Year
in descending order

39 papers	1,742 citations	304602 22 h-index	330025 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. Journal of Vascular Surgery, 2022, 75, 398-406.e3.	0.6	7
2	The Role of Epigenetic Modifications in Abdominal Aortic Aneurysm Pathogenesis. Biomolecules, 2022, 12, 172.	1.8	8
3	IFN-Î² is critical for normal wound repair and is decreased in diabetic wounds. JCI Insight, 2022, 7, .	2.3	5
4	Fenestrated repair improves perioperative outcomes but lacks a hospital volume association for complex abdominal aortic aneurysms. Journal of Vascular Surgery, 2021, 73, 417-425.e1.	0.6	11
5	Inhibition of macrophage histone demethylase JMJD3 protects against abdominal aortic aneurysms. Journal of Experimental Medicine, 2021, 218, .	4.2	63
6	Coronavirus induces diabetic macrophage-mediated inflammation via SETDB2. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	26
7	Variation in Hospital Door-to-Intervention Time for Ruptured AAAs and Its Association with Outcomes. Annals of Vascular Surgery, 2020, 62, 83-91.	0.4	7
8	A multi-institutional experience in vascular Ehlers-Danlos syndrome diagnosis. Journal of Vascular Surgery, 2020, 71, 149-157.	0.6	28
9	Accessing the academic influence of vascular surgeons within the National Institutes of Health iCite database. Journal of Vascular Surgery, 2020, 71, 1741-1748.e2.	0.6	9
10	Volume Standards for Open Abdominal Aortic Aneurysm Repair Are Not Associated With Improved Clinical Outcomes. Annals of Vascular Surgery, 2020, 62, 1-7.	0.4	8
11	PalmitateâEŤTLR4 signaling regulates the histone demethylase, JMJD3, in macrophages and impairs diabetic wound healing. European Journal of Immunology, 2020, 50, 1929-1940.	1.6	29
12	Recognizing the evolving and beneficial role of regulatory T cells in aneurysm growth. Journal of Vascular Surgery, 2020, 72, 1097.	0.6	0
13	Epigenetic Regulation of TLR4 in Diabetic Macrophages Modulates Immunometabolism and Wound Repair. Journal of Immunology, 2020, 204, 2503-2513.	0.4	19
14	TNF-Î± regulates diabetic macrophage function through the histone acetyltransferase MOF. JCI Insight, 2020, 5, .	2.3	25
15	Epigenetic regulation of the PGE2 pathway modulates macrophage phenotype in normal and pathologic wound repair. JCI Insight, 2020, 5, .	2.3	37
16	The Histone Methyltransferase Setdb2 Modulates Macrophage Phenotype and Uric Acid Production in Diabetic Wound Repair. Immunity, 2019, 51, 258-271.e5.	6.6	85
17	SIRT3 Regulates Macrophage-Mediated Inflammation in Diabetic Wound Repair. Journal of Investigative Dermatology, 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. Arteriosclerosis, Thrombosis, and Vascular Biology, 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. Journal of Immunology, 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. Journal of Vascular Surgery, 2019, 70, 1543-1554.	0.6	39
21	Variation in the elective management of small abdominal aortic aneurysms and physician practice patterns. Journal of Vascular Surgery, 2019, 70, 1089-1098.	0.6	12
22	Epigenetic Mechanisms in Monocytes/Macrophages Regulate Inflammation in Cardiometabolic and Vascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 623-634.	1.1	87
23	Updates of Recent Aortic Aneurysm Research. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, e83-e90.	1.1	70
24	Targeting epigenetic mechanisms in diabetic wound healing. Translational Research, 2019, 204, 39-50.	2.2	127
25	Early Outcomes following Endovascular, Open Surgical, and Hybrid Revascularization for Lower Extremity Acute Limb Ischemia. Annals of Vascular Surgery, 2018, 51, 106-112.	0.4	36
26	Ly6C ^{Hi} Blood Monocyte/Macrophage Drive Chronic Inflammation and Impair Wound Healing in Diabetes Mellitus. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1102-1114.	1.1	128
27	Time Heals All Wounds â€¦ But Wounds Heal Faster with Lactobacillus. Cell Host and Microbe, 2018, 23, 432-434.	5.1	18
28	Dysfunctional Wound Healing in Diabetic Foot Ulcers: New Crossroads. Current Diabetes Reports, 2018, 18, 2.	1.7	166
29	The Clinical Impact of Cardiology Consultation Prior to Major Vascular Surgery. Annals of Surgery, 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. European Journal of Immunology, 2018, 48, 1445-1455.	1.6	59
31	Predictors of surgical site infection after open lower extremity revascularization. Journal of Vascular Surgery, 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. Vascular, 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. Journal of Vascular Surgery Cases and Innovative Techniques, 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. Diabetes, 2017, 66, 2459-2471.	0.3	64
35	Pediatric nonaortic arterial aneurysms. Journal of Vascular Surgery, 2016, 63, 466-476.e1.	0.6	40
36	Abdominal aortic aneurysm. Current Opinion in Cardiology, 2015, 30, 566-573.	0.8	127

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