

Katherine A Gallagher

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

2,524
citations

24
h-index

50
g-index

61
ext. papers

3,301
ext. citations

6.5
avg, IF

5.06
L-index

#	Paper	IF	Citations
55	Diabetic impairments in NO-mediated endothelial progenitor cell mobilization and homing are reversed by hyperoxia and SDF-1 alpha. <i>Journal of Clinical Investigation</i> , 2007 , 117, 1249-59	15.9	510
54	Bone marrow adipose tissue is an endocrine organ that contributes to increased circulating adiponectin during caloric restriction. <i>Cell Metabolism</i> , 2014 , 20, 368-375	24.6	299
53	Macrophage-Mediated Inflammation in Normal and Diabetic Wound Healing. <i>Journal of Immunology</i> , 2017 , 199, 17-24	5.3	174
52	Inflammation as a Therapeutic Target for Diabetic Neuropathies. <i>Current Diabetes Reports</i> , 2016 , 16, 29	5.6	122
51	Cytokine induced phenotypic and epigenetic signatures are key to establishing specific macrophage phenotypes. <i>PLoS ONE</i> , 2013 , 8, e78045	3.7	120
50	Epigenetic changes in bone marrow progenitor cells influence the inflammatory phenotype and alter wound healing in type 2 diabetes. <i>Diabetes</i> , 2015 , 64, 1420-30	0.9	117
49	Dysfunctional Wound Healing in Diabetic Foot Ulcers: New Crossroads. <i>Current Diabetes Reports</i> , 2018 , 18, 2	5.6	96
48	Ly6C Blood Monocyte/Macrophage Drive Chronic Inflammation and Impair Wound Healing in Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 1102-1114	9.4	68
47	Hyperbaric oxygen and bone marrow-derived endothelial progenitor cells in diabetic wound healing. <i>Vascular</i> , 2006 , 14, 328-37	1.3	61
46	Targeting epigenetic mechanisms in diabetic wound healing. <i>Translational Research</i> , 2019 , 204, 39-50	11	58
45	Endovascular management as first therapy for chronic total occlusion of the lower extremity arteries: comparison of balloon angioplasty, stenting, and directional atherectomy. <i>Journal of Endovascular Therapy</i> , 2011 , 18, 624-37	2.5	55
44	Impact of sex on morbidity and mortality rates after lower extremity interventions for peripheral arterial disease: observations from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2525-2530	15.1	54
43	IFN- γ and TNF- α Synergism may provide a link between psoriasis and inflammatory atherogenesis. <i>Scientific Reports</i> , 2017 , 7, 13831	4.9	51
42	Midterm outcomes after treatment of type II endoleaks associated with aneurysm sac expansion. <i>Journal of Endovascular Therapy</i> , 2012 , 19, 182-92	2.5	51
41	Epigenetic Mechanisms in Monocytes/Macrophages Regulate Inflammation in Cardiometabolic and Vascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 623-634	9.4	49
40	Dimethyl Itaconate Is Not Metabolized into Itaconate Intracellularly. <i>Journal of Biological Chemistry</i> , 2017 , 292, 4766-4769	5.4	47
39	Regulation of heterotopic ossification by monocytes in a mouse model of aberrant wound healing. <i>Nature Communications</i> , 2020 , 11, 722	17.4	47

38	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	0.9	46
37	Enhancement of macrophage inflammatory responses by CCL2 is correlated with increased miR-9 expression and downregulation of the ERK1/2 phosphatase Dusp6. <i>Cellular Immunology</i> , 2017 , 314, 63-72	4.4	42
36	The Histone Methyltransferase Setdb2 Modulates Macrophage Phenotype and Uric Acid Production in Diabetic Wound Repair. <i>Immunity</i> , 2019 , 51, 258-271.e5	32.3	38
35	Notch Regulates Macrophage-Mediated Inflammation in Diabetic Wound Healing. <i>Frontiers in Immunology</i> , 2017 , 8, 635	8.4	38
34	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	6.1	30
33	Predictors of compliance with surveillance after endovascular aneurysm repair and comparative survival outcomes. <i>Journal of Vascular Surgery</i> , 2015 , 62, 27-35	3.5	29
32	Gender differences in outcomes of endovascular treatment of infrainguinal peripheral artery disease. <i>Vascular and Endovascular Surgery</i> , 2011 , 45, 703-11	1.4	29
31	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	1.7	24
30	SIRT3 Regulates Macrophage-Mediated Inflammation in Diabetic Wound Repair. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 2528-2537.e2	4.3	24
29	Contemporary outcomes with percutaneous vascular interventions for peripheral critical limb ischemia in those with and without poly-vascular disease. <i>Vascular Medicine</i> , 2014 , 19, 491-9	3.3	24
28	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	9.4	22
27	The STAT4/MLL1 Epigenetic Axis Regulates the Antimicrobial Functions of Murine Macrophages. <i>Journal of Immunology</i> , 2017 , 199, 1865-1874	5.3	22
26	Natural History of Iatrogenic Pediatric Femoral Artery Injury. <i>Annals of Vascular Surgery</i> , 2017 , 42, 205-213	13.7	17
25	Histone Methylation Directs Myeloid TLR4 Expression and Regulates Wound Healing following Cutaneous Tissue Injury. <i>Journal of Immunology</i> , 2019 , 202, 1777-1785	5.3	16
24	Women undergoing aortic surgery are at higher risk for unplanned readmissions compared with men especially when discharged home. <i>Journal of Vascular Surgery</i> , 2016 , 63, 1496-1504.e1	3.5	16
23	Epigenetic regulation of the PGE2 pathway modulates macrophage phenotype in normal and pathologic wound repair. <i>JCI Insight</i> , 2020 , 5,	9.9	13
22	TNF- α regulates diabetic macrophage function through the histone acetyltransferase MOF. <i>JCI Insight</i> , 2020 , 5,	9.9	11
21	Palmitate-TLR4 signaling regulates the histone demethylase, JMJD3, in macrophages and impairs diabetic wound healing. <i>European Journal of Immunology</i> , 2020 , 50, 1929-1940	6.1	10

20	Macrophage-mediated inflammation in diabetic wound repair. <i>Seminars in Cell and Developmental Biology</i> , 2021 , 119, 111-118	7.5	10
19	Inhibition of macrophage histone demethylase JMJD3 protects against abdominal aortic aneurysms. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	10
18	Ly6C ^{Lo} Monocyte/Macrophages are Essential for Thrombus Resolution in a Murine Model of Venous Thrombosis. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 289-299	7	8
17	Time Heals All Wounds [But Wounds Heal Faster with Lactobacillus. <i>Cell Host and Microbe</i> , 2018 , 23, 432-434	23.4	7
16	Alterations in macrophage phenotypes in experimental venous thrombosis. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2016 , 4, 463-71	3.2	7
15	Chorioamnionitis exposure remodels the unique histone modification landscape of neonatal monocytes and alters the expression of immune pathway genes. <i>FEBS Journal</i> , 2019 , 286, 82-109	5.7	7
14	Epigenetic Regulation of TLR4 in Diabetic Macrophages Modulates Immunometabolism and Wound Repair. <i>Journal of Immunology</i> , 2020 , 204, 2503-2513	5.3	6
13	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	1.1	6
12	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	3.5	6
11	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,	11.5	6
10	Human and rat skeletal muscle single-nuclei multi-omic integrative analyses nominate causal cell types, regulatory elements, and SNPs for complex traits. <i>Genome Research</i> , 2021 ,	9.7	5
9	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	1.7	4
8	PC222. Altered Histone Methylation at the IL-1B Promoter in Diabetic Macrophages Enhances Inflammation and Impairs Wound Healing. <i>Journal of Vascular Surgery</i> , 2015 , 61, 176S	3.5	3
7	Bleeding and thrombotic outcomes associated with postoperative use of direct oral anticoagulants after open peripheral artery bypass procedures. <i>Journal of Vascular Surgery</i> , 2020 , 72, 1996-2005.e4	3.5	2
6	Dysregulated inflammation in diabetic wounds 2020 , 81-95		1
5	The Role of Epigenetic Modifications in Abdominal Aortic Aneurysm Pathogenesis.. <i>Biomolecules</i> , 2022 , 12,	5.9	1
4	Dextran-Mimetic Quantum Dots for Multimodal Macrophage Imaging , and .. <i>ACS Nano</i> , 2022 ,	16.7	1
3	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> , 2021 ,	3.5	1

2	Intravascular ultrasound imaging as a novel tool for the diagnosis of endofibrosis. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2016 , 2, 59-61	1.1	1
1	Aggressive Phenotype of Intravascular Lymphoma Relative to Other Malignant Intraabdominal Tumors Requiring Vascular Reconstruction. <i>Annals of Vascular Surgery</i> , 2019 , 54, 72-83	1.7	1