Helen M Mcgettrick

List of Publications by Year
in descending order

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70	2,717	236833	189801
papers	citations	25 h-index	50 g-index

73	73	73	4997
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Distinct fibroblast subsets drive inflammation and damage in arthritis. Nature, 2019, 570, 246-251.	13.7	550
2	Identification of a phenotypically and functionally distinct population of long-lived neutrophils in a model of reverse endothelial migration. Journal of Leukocyte Biology, 2006, 79, 303-311.	1.5	273
3	Reactive oxygen species limit neutrophil life span by activating death receptor signaling. Blood, 2004, 104, 2557-2564.	0.6	176
4	Mesenchymal Stem Cell Therapy for Autoimmune Disease: Risks and Rewards. Stem Cells and Development, 2015, 24, 2091-2100.	1.1	116
5	Shear Stress Regulated Gene Expression and Angiogenesis in Vascular Endothelium. Microcirculation, 2014, 21, 290-300.	1.0	96
6	Homeostatic regulation of T cell trafficking by a B cellâ€“derived peptide is impaired in autoimmune and chronic inflammatory disease. Nature Medicine, 2015, 21, 467-475.	15.2	94
7	Identification and angiogenic role of the novel tumor endothelial marker CLEC14A. Oncogene, 2012, 31, 293-305.	2.6	91
8	Monocyte Subsets Coregulate Inflammatory Responses by Integrated Signaling through TNF and IL-6 at the Endothelial Cell Interface. Journal of Immunology, 2017, 198, 2834-2843.	0.4	77
9	Fibroblasts from different sites may promote or inhibit recruitment of flowing lymphocytes by endothelial cells. European Journal of Immunology, 2009, 39, 113-125.	1.6	75
10	Tissue stroma as a regulator of leukocyte recruitment in inflammation. Journal of Leukocyte Biology, 2012, 91, 385-400.	1.5	74
11	Identification of a transitional fibroblast function in very early rheumatoid arthritis. Annals of the Rheumatic Diseases, 2017, 76, 2105-2112.	0.5	65
12	Crosstalk Between Mesenchymal Stem Cells and Endothelial Cells Leads to Downregulation of Cytokine-Induced Leukocyte Recruitment. Stem Cells, 2013, 31, 2690-2702.	1.4	61
13	Adiponectin signalling in bone homeostasis, with age and in disease. Bone Research, 2021, 9, 1.	5.4	53
14	The autoimmune-associated genetic variant PTPN22 R620W enhances neutrophil activation and function in patients with rheumatoid arthritis and healthy individuals. Annals of the Rheumatic Diseases, 2015, 74, 1588-1595.	0.5	52
15	Duffy antigen receptor for chemokines and CXCL5 are essential for the recruitment of neutrophils in a multicellular model of rheumatoid arthritis synovium. Arthritis and Rheumatism, 2008, 58, 1968-1973.	6.7	47
16	Adipogenic Differentiation of Mesenchymal Stem Cells Alters Their Immunomodulatory Properties in a Tissue-Specific Manner. Stem Cells, 2017, 35, 1636-1646.	1.4	45
17	Chemokine- and adhesion-dependent survival of neutrophils after transmigration through cytokine-stimulated endothelium. Journal of Leukocyte Biology, 2006, 79, 779-788.	1.5	42
18	Podocytes Regulate Neutrophil Recruitment by Glomerular Endothelial Cells via IL-6â€“Mediated Crosstalk. Journal of Immunology, 2014, 193, 234-243.	0.4	39

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19	Comparative Ability of Mesenchymal Stromal Cells from Different Tissues to Limit Neutrophil Recruitment to Inflamed Endothelium. PLoS ONE, 2016, 11, e0155161.	1.1	39
20	Shared mechanisms of multimorbidity in COPD, atherosclerosis and type-2 diabetes: the neutrophil as a potential inflammatory target. European Respiratory Review, 2020, 29, 190102.	3.0	36
21	Targeting ÃŸ2 adrenergic receptors regulate human T cell function directly and indirectly. Brain, Behavior, and Immunity, 2015, 45, 211-218.	2.0	31
22	Bimodal Expansion of the Lymphatic Vessels Is Regulated by the Sequential Expression of IL-7 and Lymphotoxin Î±1Î²2 in Newly Formed Tertiary Lymphoid Structures. Journal of Immunology, 2016, 197, 1957-1967.	0.4	30
23	Podoplanin regulates the migration of mesenchymal stromal cells and their interaction with platelets. Journal of Cell Science, 2019, 132, .	1.2	29
24	A Differential Role for CD248 (Endosialin) in PDGF-Mediated Skeletal Muscle Angiogenesis. PLoS ONE, 2014, 9, e107146.	1.1	29
25	Stromal cells differentially regulate neutrophil and lymphocyte recruitment through the endothelium. Immunology, 2010, 131, 357-370.	2.0	28
26	Origin-Specific Adhesive Interactions of Mesenchymal Stem Cells with Platelets Influence Their Behavior After Infusion. Stem Cells, 2018, 36, 1062-1074.	1.4	25
27	Inflammatory responses of endothelial cells experiencing reduction in flow after conditioning by shear stress. Journal of Cellular Physiology, 2008, 216, 732-741.	2.0	24
28	Direct observations of the kinetics of migrating T cells suggest active retention by endothelial cells with continual bidirectional migration. Journal of Leukocyte Biology, 2009, 85, 98-107.	1.5	24
29	Prostaglandin D2 Regulates CD4+ Memory T Cell Trafficking across Blood Vascular Endothelium and Primes These Cells for Clearance across Lymphatic Endothelium. Journal of Immunology, 2011, 187, 1432-1439.	0.4	24
30	Mesenchymal Stem Cells as Endogenous Regulators of Inflammation. Advances in Experimental Medicine and Biology, 2018, 1060, 73-98.	0.8	24
31	Leukocyte trafficking between stromal compartments: lessons from rheumatoid arthritis. Nature Reviews Rheumatology, 2018, 14, 476-487.	3.5	23
32	Fine wine or sour grapes? A systematic review and meta-analysis of the impact of red wine polyphenols on vascular health. European Journal of Nutrition, 2021, 60, 1-28.	1.8	23
33	Analyzing the Effects of Stromal Cells on the Recruitment of Leukocytes from Flow. Journal of Visualized Experiments, 2015, , e52480.	0.2	20
34	DKK1 expression by synovial fibroblasts in very early rheumatoid arthritis associates with lymphocyte adhesion in an in vitro flow co-culture system. Arthritis Research and Therapy, 2016, 18, 14.	1.6	20
35	Clinical Potential of Targeting Fibroblast Growth Factorâ€23 and Î±Klotho in the Treatment of Uremic Cardiomyopathy. Journal of the American Heart Association, 2020, 9, e016041.	1.6	20
36	The Roles of Integrins in Function of Human Neutrophils after Their Migration through Endothelium into Interstitial Matrix. PLoS ONE, 2015, 10, e0118593.	1.1	19

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37	Introduction: T Cell Trafficking in Inflammation and Immunity. Methods in Molecular Biology, 2017, 1591, 73-84.	0.4	18
38	The response of T cells to interleukinâ€6 is differentially regulated by the microenvironment of the rheumatoid synovial fluid and tissue. Arthritis and Rheumatism, 2011, 63, 3284-3293.	6.7	17
39	Delay of migrating leukocytes by the basement membrane deposited by endothelial cells in long-term culture. Experimental Cell Research, 2011, 317, 276-292.	1.2	16
40	An in vitro model for analysing neutrophil migration into and away from the sub-endothelial space: Roles of flow and CD31. Biorheology, 2006, 43, 71-82.	1.2	16
41	Comparative adhesive and migratory properties of mesenchymal stem cells from different tissues. Biorheology, 2019, 56, 15-30.	1.2	14
42	Cerebral Hemodynamic and Neurotrophic Factor Responses Are Dependent on the Type of Exercise. Frontiers in Physiology, 2020, 11, 609935.	1.3	14
43	Modulation of endothelial responses by the stromal microenvironment: effects on leucocyte recruitment. Biochemical Society Transactions, 2007, 35, 1161-1162.	1.6	13
44	Triggering the Resolution of Immune Mediated Inflammatory Diseases: Can Targeting Leukocyte Migration Be the Answer?. Frontiers in Pharmacology, 2019, 10, 184.	1.6	13
45	C-type lectin-like receptor 2 (CLEC-2)-dependent DC migration is controlled by tetraspanin CD37. Journal of Cell Science, 2018, 131, .	1.2	12
46	Adhesion of Tumor Cells to Matrices and Endothelium. Methods in Molecular Biology, 2014, 1070, 57-75.	0.4	11
47	Analysis of the effects of stromal cells on the migration of lymphocytes into and through inflamed tissue using 3-D culture models. Journal of Immunological Methods, 2013, 400-401, 45-57.	0.6	10
48	Static and Dynamic Assays of Cell Adhesion Relevant to the Vasculature. Methods in Molecular Biology, 2009, 467, 211-228.	0.4	9
49	Insights Into Leukocyte Trafficking in Inflammatory Arthritis â€“ Imaging the Joint. Frontiers in Cell and Developmental Biology, 2021, 9, 635102.	1.8	8
50	Immunofibroblasts regulate LTÎ±3 expression in tertiary lymphoid structures in a pathway dependent on ICOS/ICOSL interaction. Communications Biology, 2022, 5, 413.	2.0	8
51	Importance of validating antibody panels: Anti-PD-L1 clone binds AF700 fluorophore. Journal of Immunological Methods, 2020, 483, 112795.	0.6	7
52	Bridging the gapâ€"Immune cells that can repair nerves. Cellular and Molecular Immunology, 2021, 18, 784-786.	4.8	7
53	Analysis of Leukocyte Migration Through Monolayers of Cultured Endothelial Cells. Methods in Molecular Biology, 2007, 370, 37-54.	0.4	6
54	Static and Dynamic Assays of Cell Adhesion Relevant to the Vasculature. Methods in Molecular Biology, 2016, 1430, 231-248.	0.4	6

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55	Mesenchymal Stromal Cells as Active Regulators of Lymphocyte Recruitment to Blood Vascular Endothelial Cells. Methods in Molecular Biology, 2017, 1591, 121-142.	0.4	5
56	Influence of Stromal Cells on Lymphocyte Adhesion and Migration on Endothelial Cells. Methods in Molecular Biology, 2010, 616, 49-68.	0.4	4
57	Vascular Endothelial Galectins in Leukocyte Trafficking. Frontiers in Immunology, 2021, 12, 687711.	2.2	3
58	Cross-talk between fibroblasts and endothelial cells influences the recruitment and retention of lymphocytes in a co-culture model of inflammation. Cytokine, 2009, 48, 104.	1.4	1
59	A1.44â€...Fibroblasts lose their immunosuppressive ability early in the development of rheumatoid arthritis: effects on lymphocyte recruitment. Annals of the Rheumatic Diseases, 2014, 73, A19.1-A19.	0.5	1
60	02.07â€...Prophylactic treatment with pepitem inhibits onset of collagen induced arthritis and pepitem therapy reduces disease severity. , 2017, , .		1
61	Endocrine Regulation of Lymphocyte Trafficking In Vitro. Methods in Molecular Biology, 2017, 1591, 101-119.	0.4	1
62	Fibroblasts from different tissues promote entry but retain lymphocytes in 3D models of tissue.. Annals of the Rheumatic Diseases, 2012, 71, A49.3-A50.	0.5	0
63	A1.2â€...Fibroblasts Influence Lymphocyte Recruitment and Migration During Resolving and Persistent Arthritis. Annals of the Rheumatic Diseases, 2013, 72, A1.2-A1.	0.5	0
64	Garrod Prize WinnerI40â€ƒLeucocyte Infiltration During Inflammation: Why does it go Wrong in Rheumatoid Arthritis?. Rheumatology, 2016, 55, i8-i8.	0.9	0
65	246.â€ƒPROPHYLACTIC TREATMENT WITH PEPITEM INHIBITS ONSET OF COLLAGEN-INDUCED ARTHRITIS AND THERAPEUTICALLY PEPITEM REDUCES DISEASE SEVERITY. Rheumatology, 2017, 56, .	0.9	0
66	Synovial tissue biopsy analysis: unlocking the hidden secrets to personalised medicine?. Arthritis Research and Therapy, 2019, 21, 90.	1.6	0
67	Abstract 1589: Low shear stress induces the novel tumor endothelial marker CLEC14A that mediates cell migration and vascular development. , 2010, , .		0
68	Elevated Chemokine Expression in the Bone Marrow of Patients with Myeloma and MGUS Is Associated with Marked Alterations in the Distribution of CD4+ and CD8+ T Cell Subsets within the Blood and Bone Marrow. Blood, 2011, 118, 5076-5076.	0.6	0
69	Phenotyping neutrophils in COPD through surface proteins. , 2019, , .		0
70	Cell migration in cardiovascular diseases. , 2022, , 159-175.		0