Derek W Gilroy

List of Publications by Year in descending order

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DEDER W CILDON

#	Article	IF	CITATIONS
1	A single cell atlas of frozen shoulder capsule identifies features associated with inflammatory fibrosis resolution. Nature Communications, 2024, 15, .	13.2	3
2	Post-resolution macrophages shape long-term tissue immunity and integrity in a mouse model of pneumococcal pneumonia. Nature Communications, 2024, 15, .	13.2	0
3	Tissue CD14+CD8+ T cells reprogrammed by myeloid cells and modulated by LPS. Nature, 2023, 614, 334-342.	36.2	29
4	Clinical, Cellular, and Molecular Effects of Corticosteroids on the Response to Intradermal Lipopolysaccharide Administration in Healthy Volunteers. Clinical Pharmacology and Therapeutics, 2022, 111, 964-971.	4.9	5
5	Dying cell-derived SAM switches off inflammation. Nature Metabolism, 2022, , .	11.4	0
6	Treating exuberant, non-resolving inflammation in the lung; Implications for acute respiratory distress syndrome and COVID-19. , 2021, 221, 107745.		8
7	Recruitment of inflammatory monocytes by senescent fibroblasts inhibits antigen-specific tissue immunity during human aging. Nature Aging, 2021, 1, 101-113.	8.5	45
8	A Randomized Trial of Albumin Infusions in Hospitalized Patients with Cirrhosis. New England Journal of Medicine, 2021, 384, 808-817.	30.1	210
9	Asymmetric Synthesis and Biological Screening of Quinoxaline-Containing Synthetic Lipoxin A ₄ Mimetics (QNX-sLXms). Journal of Medicinal Chemistry, 2021, 64, 9193-9216.	6.6	20
10	Influence of physician networks on prescribing a new ingredient combination in heart failure: a longitudinal claim data-based study. Implementation Science, 2021, 16, 84.	7.4	6
11	Monocyte dysfunction in decompensated cirrhosis is mediated by the prostaglandin E2-EP4 pathway. JHEP Reports, 2021, 3, 100332.	5.1	6
12	Resolving inflammation. Nature Reviews Immunology, 2021, 21, 620-621.	22.5	5
13	Potent antiâ€inflammatory effects of an H ₂ Sâ€releasing naproxen (ATBâ€346) in a human model of inflammation. FASEB Journal, 2021, 35, e21913.	0.5	6
14	Blood transcriptional biomarkers of acute viral infection for detection of pre-symptomatic SARS-CoV-2 infection: a nested, case-control diagnostic accuracy study. Lancet Microbe, The, 2021, 2, e508-e517.	6.7	54
15	Aging immunity may exacerbate COVID-19. Science, 2020, 369, 256-257.	20.9	173
16	The changing of cognitive function and the influence of learning effect on the results before and after the CSF tap test in patients with normal pressure hydrocephalus. Alzheimer's and Dementia, 2020, 16, e037467.	0.7	0
17	Profile of dog bite injuries in patients presenting at Kimberley Hospital Complex's emergency and gateway centres, 2015 to 2017. African Journal of Primary Health Care and Family Medicine, 2020, 12, e1-e7.	0.8	5
18	Sestrins induce natural killer function in senescent-like CD8+ T cells. Nature Immunology, 2020, 21, 684-694.	13.9	158

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19	Blocking elevated p38 MAPK restores efferocytosis and inflammatory resolution in the elderly. Nature Immunology, 2020, 21, 615-625.	13.9	93
20	Tech giants, armed with wearables data, are entrenching in health research. Nature Medicine, 2020, 26, 4-5.	30.1	10
21	A Study on an Evacuation Analysis Model Considering Juvenile Youth at Clinics and Wards in a General Hospital - Concentrated on Evacuation Movement as per User Characteristics ì²ì†Œë"시설 [∞] ê²½, 2020, 18,	5 9:1 66.	0
22	FRI-112-Prediction of treatment failures in a multicentre feasibility trial using human albumin solution to prevent infection in acute decompensation of liver cirrhosis. Journal of Hepatology, 2019, 70, e436.	3.9	0
23	FRI-109-Increased plasma leukotriene B4 in decompensated cirrhosis associates with disease progression and leads to increased skin window neutrophil infiltration. Journal of Hepatology, 2019, 70, e435.	3.9	1
24	Is Resolution the End of Inflammation?. Trends in Molecular Medicine, 2019, 25, 198-214.	7.1	149
25	Chronic inflammation in the etiology of disease across the life span. Nature Medicine, 2019, 25, 1822-1832.	30.1	2,537
26	Treatment-Related Adverse Events Predict Improved Clinical Outcome in NSCLC Patients on KEYNOTE-001 at a Single Center. Cancer Immunology Research, 2018, 6, 288-294.	3.3	75
27	Albumin Counteracts Immune-Suppressive Effects of Lipid Mediators in Patients With Advanced Liver Disease. Clinical Gastroenterology and Hepatology, 2018, 16, 738-747.e7.	4.7	47
28	Administration of Albumin Solution Increases Serum Levels of Albumin in Patients With Chronic Liver Failure in a Single-Arm Feasibility Trial. Clinical Gastroenterology and Hepatology, 2018, 16, 748-755.e6.	4.7	19
29	Potent Antiâ€Inflammatory and Proâ€Resolving Effects of Anabasum in a Human Model of Selfâ€Resolving Acute Inflammation. Clinical Pharmacology and Therapeutics, 2018, 104, 675-686.	4.9	53
30	ATTIRE: Albumin To prevenT Infection in chronic liveR failurE: study protocol for an interventional randomised controlled trial. BMJ Open, 2018, 8, e023754.	2.1	23
31	Pro-resolving mediators promote resolution in a human skin model of UV-killed Escherichia coli–driven acute inflammation. JCI Insight, 2018, 3, .	5.0	67
32	OWE-015â€Prostaglandin E2 mediates innate immune suppression in acute-on-chronic liver failure via the EP4 receptor. Gut, 2018, , .	13.7	0
33	Data on detection of singlet oxygen, hydroxyl radical and organic radical in Arabidopsis thaliana. Data in Brief, 2018, 21, 2246-2252.	1.1	14
34	A sestrin-dependent Erk–Jnk–p38 MAPK activation complex inhibits immunity during aging. Nature Immunology, 2017, 18, 354-363.	13.9	238
35	Clinical results of randomized trials and â€~real-world' data exploring the impact of Bevacizumab for breast cancer: opportunities for clinical practice and perspectives for research. Expert Opinion on Biological Therapy, 2017, 17, 497-506.	3.2	4
36	Pre/pro-B cells generate macrophage populations during homeostasis and inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3954-E3963.	7.6	32

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37	The fate and lifespan of human monocyte subsets in steady state and systemic inflammation. Journal of Experimental Medicine, 2017, 214, 1913-1923.	8.8	780
38	Inflammatory Resolution Triggers a Prolonged Phase of Immune Suppression through COX-1/mPGES-1-Derived Prostaglandin E 2. Cell Reports, 2017, 20, 3162-3175.	6.3	74
39	Exaggerated Onset and Delayed Resolution of Acute Inflammation in Ulcerative Colitis. Gastroenterology, 2017, 152, S996.	1.4	Ο
40	5-Aminosalicylates Promote Generation of Anti-Inflammatory Hydroxy Fatty Acids that Contribute to Inflammation Resolution in Ulcerative Colitis. Gastroenterology, 2017, 152, S996-S997.	1.4	0
41	Bleeding Meckel's Diverticulum in Children: The Diagnostic Value of Double-Balloon Enteroscopy. Gastroenterology Research and Practice, 2017, 2017, 1-5.	1.5	9
42	Prolonged immune alteration following resolution of acute inflammation in humans. PLoS ONE, 2017, 12, e0186964.	2.5	26
43	A Comparison of Human Neutrophils Acquired from Four Experimental Models of Inflammation. PLoS ONE, 2016, 11, e0165502.	2.5	7
44	CYP450-derived oxylipins mediate inflammatory resolution. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3240-9.	7.6	115
45	Novel translational model of resolving inflammation triggered by UVâ€killed <i>E. coli</i> . Journal of Pathology: Clinical Research, 2016, 2, 154-165.	2.9	25
46	Bile ductâ€ligated mice exhibit multiple phenotypic similarities to acuteÂdecompensation patients despite histological differences. Liver International, 2016, 36, 837-846.	4.0	21
47	Lipid Mediators in Inflammation. Microbiology Spectrum, 2016, 4, .	3.0	118
48	Intravenous Endotoxin Challenge in Healthy Humans: An Experimental Platform to Investigate and Modulate Systemic Inflammation. Journal of Visualized Experiments, 2016, , .	0.3	30
49	Resolution of inflammation: a new therapeutic frontier. Nature Reviews Drug Discovery, 2016, 15, 551-567.	61.5	682
50	ATTIRE: Albumin To prevenT Infection in chronic liveR failurE: study protocol for a single-arm feasibility trial. BMJ Open, 2016, 6, e010132.	2.1	7
51	Measuring Semantic-Based Structural Similarity in Multi-Relational Networks. International Journal of Data Warehousing and Mining, 2016, 12, 20-33.	0.6	13
52	Sex-specific regulation of chemokine Cxcl5/6 controls neutrophil recruitment and tissue injury in acute inflammatory states. Biology of Sex Differences, 2015, 6, 27.	4.2	30
53	New insights into the resolution of inflammation. Seminars in Immunology, 2015, 27, 161-168.	5.9	120
54	Intimal smooth muscle cells are a source but not a sensor of anti-inflammatory CYP450 derived oxylipins. Biochemical and Biophysical Research Communications, 2015, 463, 774-780.	2.2	10

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55	Macrophage development and polarization in chronic inflammation. Seminars in Immunology, 2015, 27, 257-266.	5.9	99
56	HIF1α Allows Monocytes to Take a Breather during Sepsis. Immunity, 2015, 42, 397-399.	14.2	6
57	Characterisation of Leukocytes in a Human Skin Blister Model of Acute Inflammation and Resolution. PLoS ONE, 2014, 9, e89375.	2.5	27
58	Conventional vs. Tablet Computer-Based Patient Education following Lung Transplantation – A Randomized Controlled Trial. PLoS ONE, 2014, 9, e90828.	2.5	51
59	Resolution of acute inflammation bridges the gap between innate and adaptive immunity. Blood, 2014, 124, 1748-1764.	1.4	147
60	Inflammatory triggers of acute rejection of organ allografts. Immunological Reviews, 2014, 258, 132-144.	6.1	112
61	Lipid mediators in immune dysfunction after severe inflammation. Trends in Immunology, 2014, 35, 12-21.	6.8	78
62	Proresolving Lipid Mediators and Mechanisms in the Resolution of Acute Inflammation. Immunity, 2014, 40, 315-327.	14.2	689
63	Secretory leukocyte protease inhibitor: A pivotal mediator of anti-inflammatory responses in acetaminophen-induced acute liver failure. Hepatology, 2014, 59, 1564-1576.	8.1	84
64	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. Immunity, 2014, 41, 339-340.	14.2	55
65	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. Immunity, 2014, 41, 14-20.	14.2	4,858
66	Immunosuppression in acutely decompensated cirrhosis is mediated by prostaglandin E2. Nature Medicine, 2014, 20, 518-523.	30.1	252
67	Study on thermoelastohydrodynamic performance of bearing with surface roughness considering shaft deformation under load in shaftâ€bearing system. Industrial Lubrication and Tribology, 2013, 65, 119-128.	1.4	7
68	On-line screening of matrix metalloproteinase inhibitors by capillary electrophoresis coupled to ESI mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 930, 48-53.	2.4	21
69	The IIP Examination: an Analysis of Group Performance 2009–2011. Journal of Digital Imaging, 2013, 26, 378-382.	3.0	1
70	The resolution of inflammation. Nature Reviews Immunology, 2013, 13, 59-66.	22.5	470
71	Pathways mediating resolution of inflammation: when enough is too much. Journal of Pathology, 2013, 231, 8-20.	4.5	64
72	The Effect of Pro-Inflammatory Conditioning and/or High Glucose on Telomere Shortening of Aging Fibroblasts. PLoS ONE, 2013, 8, e73756.	2.5	17

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73	Inducible CYP2J2 and Its Product 11,12-EET Promotes Bacterial Phagocytosis: A Role for CYP2J2 Deficiency in the Pathogenesis of Crohn's Disease?. PLoS ONE, 2013, 8, e75107.	2.5	37
74	Design, synthesis and evaluation of non-urea inhibitors of soluble epoxide hydrolase. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 601-605.	2.3	26
75	Old and new generation lipid mediators in acute inflammation and resolution. Progress in Lipid Research, 2011, 50, 35-51.	12.1	280
76	Transcriptomic analyses of murine resolution-phase macrophages. Blood, 2011, 118, e192-e208.	1.4	259
77	Inhibition of the diclofenacâ€induced cyclooxygenaseâ€2 activity by paracetamol in cultured macrophages is not related to the intracellular lipid hydroperoxide tone. Fundamental and Clinical Pharmacology, 2011, 25, 186-190.	2.1	3
78	Sex differences in resident immune cell phenotype underlie more efficient acute inflammatory responses in female mice. Blood, 2011, 118, 5918-5927.	1.4	246
79	Endogenous Epoxygenases Are Modulators of Monocyte/Macrophage Activity. PLoS ONE, 2011, 6, e26591.	2.5	72
80	Resolution of Acute Inflammation and Wound Healing. , 2010, , 17-27.		2
81	Lipid Mediators in Acute Inflammation and Resolution: Eicosanoids, PAF, Resolvins, and Protectins. , 2010, , 153-174.		13
82	Priming innate immune responses to infection by cyclooxygenase inhibition kills antibiotic-susceptible and -resistant bacteria. Blood, 2010, 116, 2950-2959.	1.4	53
83	Inflammation in Cardiovascular Diseases. , 2010, , 317-328.		Ο
84	Dichotomy in duration and severity of acute inflammatory responses in humans arising from differentially expressed proresolution pathways. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8842-8847.	7.6	107
85	Eicosanoids and the endogenous control of acute inflammatory resolution. International Journal of Biochemistry and Cell Biology, 2010, 42, 524-528.	2.9	39
86	Directed issue: Novel concepts in inflammation. International Journal of Biochemistry and Cell Biology, 2010, 42, 480-481.	2.9	2
87	A New Strategy for the Identification of Novel Molecules with Targeted Proresolution of Inflammation Properties. Journal of Immunology, 2010, 184, 1516-1525.	0.8	98
88	In Vivo Models to Study Cyclooxygenase Products in Health and Disease: Introduction to Part III. Methods in Molecular Biology, 2010, 644, 181-188.	0.0	7
89	Nonresolving Inflammation in gp91phoxâ^'/â^' Mice, a Model of Human Chronic Granulomatous Disease, Has Lower Adenosine and Cyclic Adenosine 5′-Monophosphate. Journal of Immunology, 2009, 182, 3262-3269.	0.8	25
90	Effects of Low-Dose Aspirin on Acute Inflammatory Responses in Humans. Journal of Immunology, 2009, 183, 2089-2096.	0.8	282

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91	The resolution of acute inflammation: A â€~tipping point' in the development of chronic inflammatory diseases. , 2008, , 1-18.		10
92	Novel biphasic role for lymphocytes revealed during resolving inflammation. Blood, 2008, 111, 4184-4192.	1.4	67
93	Resolution-phase macrophages possess a unique inflammatory phenotype that is controlled by cAMP. Blood, 2008, 112, 4117-4127.	1.4	283
94	Hematopoietic prostaglandin D ₂ synthase controls the onset and resolution of acute inflammation through PGD ₂ and 15-deoxyΔ ^{12–14} PGJ ₂ . Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20979-20984.	7.6	233
95	Elucidation of the temporal relationship between endothelial-derived NO and EDHF in mesenteric vessels. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1682-H1688.	3.4	21
96	Resolution of in flammation: state of the art, definitions and terms. FASEB Journal, 2007, 21, 325-332.	0.5	958
97	Not all eicosanoids are bad. Trends in Pharmacological Sciences, 2006, 27, 609-611.	8.6	8
98	New Perspectives on Aspirin and the Endogenous Control of Acute Inflammatory Resolution. Scientific World Journal, The, 2006, 6, 1048-1065.	2.2	25
99	Chronic inflammation: a failure of resolution?. International Journal of Experimental Pathology, 2006, 88, 85-94.	1.3	287
100	Targeting Lipoxygenases with Care. Chemistry and Biology, 2006, 13, 1121-1122.	6.2	4
101	Essential role for hematopoietic prostaglandin D2 synthase in the control of delayed type hypersensitivity. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5179-5184.	7.6	122
102	COX-2 in Inflammation and Resolution. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2006, 6, 199-207.	3.2	143
103	Prostaglandin F2α produced by inducible cyclooxygenase may contribute to the resolution of inflammation. Inflammopharmacology, 2005, 12, 473-476.	3.9	16
104	New insights into the anti-inflammatory actions of aspirin- induction of nitric oxide through the generation of epi-lipoxins. Memorias Do Instituto Oswaldo Cruz, 2005, 100, 49-54.	1.7	39
105	Resolution for Sepsis?. Circulation, 2005, 111, 2-4.	9.3	10
106	Aspirin and steroids: new mechanistic findings and avenues for drug discovery. Current Opinion in Pharmacology, 2005, 5, 405-411.	3.6	42
107	The role of aspirin-triggered lipoxins in the mechanism of action of aspirin. Prostaglandins Leukotrienes and Essential Fatty Acids, 2005, 73, 203-210.	2.3	37
108	A novel role for phospholipase A 2 isoforms in the checkpoint control of acute inflammation. FASEB Journal, 2004, 18, 489-498.	0.5	175

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109	15-epi-lipoxin A4–mediated Induction of Nitric Oxide Explains How Aspirin Inhibits Acute Inflammation. Journal of Experimental Medicine, 2004, 200, 69-78.	8.8	217
110	Inflammatory Resolution: new opportunities for drug discovery. Nature Reviews Drug Discovery, 2004, 3, 401-416.	61.5	670
111	Reduced infiltration and increased apoptosis of leukocytes at sites of inflammation by systemic administration of a membrane-permeable I?B? repressor. Arthritis and Rheumatism, 2004, 50, 2675-2684.	6.8	41
112	Modelling and optimization of quality and costs on empirical data of hearth bread. LWT - Food Science and Technology, 2004, 37, 527-538.	5.3	7
113	The endogenous control of acute inflammation – from onset to resolution. Drug Discovery Today: Therapeutic Strategies, 2004, 1, 313-319.	0.5	9
114	Inducible cyclooxygenaseâ€derived 15deoxy Δ 12â€14 PGJ 2 brings about acute inflammatory resolution in rat pleurisy by inducing neutrophil and macrophage apoptosis. FASEB Journal, 2003, 17, 2269-2271.	0.5	136
115	Determinants of health-related quality of life in HIV-infected patients. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2003, 15, 581-590.	1.3	106
116	Attenuation of glucocorticoid functions in an Anx-A1-/- cell line. Biochemical Journal, 2003, 371, 927-935.	3.8	58
117	Inhibition of NF-κB Activity by a Membrane-Transducing Mutant of IκBα. Journal of Immunology, 2002, 169, 2587-2593.	0.8	50
118	Purification and characterization of a cyclooxygenaseâ€⊋ and angiogenesis suppressing factor produced by human fibroblasts. FASEB Journal, 2002, 16, 1286-1288.	0.5	24
119	Anti-inflammatory lipid mediators and insights into the resolution of inflammation. Nature Reviews Immunology, 2002, 2, 787-795.	22.5	754
120	Cell cycleâ€dependent expression of cyclooxygenaseâ€2 in human fibroblasts. FASEB Journal, 2001, 15, 288-290.	0.5	36
121	Potential Adverse Effects of Cyclooxygenase-2 Inhibition. BioDrugs, 2001, 15, 1-9.	5.0	26
122	Selective Suppression of CCAAT/Enhancer-binding Protein β Binding and Cyclooxygenase-2 Promoter Activity by Sodium Salicylate in Quiescent Human Fibroblasts. Journal of Biological Chemistry, 2001, 276, 18897-18904.	3.5	83
123	COX-2 expression and cell cycle progression in human fibroblasts. American Journal of Physiology - Cell Physiology, 2001, 281, C188-C194.	4.6	29
124	New insights into inflammatory resolution. Inflammopharmacology, 2001, 9, 125-130.	3.9	1
125	Possible new role for NF-κB in the resolution of inflammation. Nature Medicine, 2001, 7, 1291-1297.	30.1	975
126	Colocalization and Interaction of Cyclooxygenase-2 with Caveolin-1 in Human Fibroblasts. Journal of Biological Chemistry, 2001, 276, 34975-34982.	3.5	83

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127	Nitric Oxide Synthase Inhibitors Have Opposite Effects on Acute Inflammation Depending on Their Route of Administration. Journal of Immunology, 2001, 166, 1169-1177.	0.8	69
128	On the uniqueness of the surface sources of evoked potentials. Physical Review E, 2001, 64, 041901.	2.1	2
129	COX-2 and the cyclopentenone prostaglandins - a new chapter in the book of inflammation?. Prostaglandins and Other Lipid Mediators, 2000, 62, 33-43.	2.0	45
130	New insights into the role of COX 2 in inflammation. Journal of Molecular Medicine, 2000, 78, 121-129.	4.0	115
131	Inducible cyclooxygenase may have anti-inflammatory properties. Nature Medicine, 1999, 5, 698-701.	30.1	1,176
132	The role of the inducible enzymes cyclooxygenase-2, nitric oxide synthase and heme oxygenase in angiogenesis of inflammation. , 1999, , 125-147.		1
133	Differential effects of inhibitors of cyclooxygenase (cyclooxygenase 1 and cyclooxygenase 2) in acute inflammation. European Journal of Pharmacology, 1998, 355, 211-217.	3.6	119
134	Expression of a-Amylase in Phaseolus vulgaris and Vigna mungo Plants. Plant and Cell Physiology, 1992, 33, 253-258.	3.2	18
135	Comparative effectiveness of visual/tactile and simplified screening examinations in caries risk assessment. Community Dentistry and Oral Epidemiology, 1992, 20, 326-332.	2.0	10
136	Neutrophil–Endothelial Cell Interactions. , 0, , 141-152.		1
137	Gastrointestinal Inflammation and Ulceration: Mediators of Induction and Resolution. , 0, , 282-298.		0
138	Lipid Mediators in Inflammation. , 0, , 343-366.		5
139	Adaptive strategies to fast multipole method in photoionisation calculations for streamer discharges. High Voltage, 0, , .	5.0	0
140	Home built environment interventions and inflammation biomarkers: a systematic review and meta-analysis protocol. BJGP Open, 0, , BJGPO.2022.0104.	1.8	0
141	Australian Policy Towards Japan Since 1945. , 0, , 243-271.		0