

# James E Fildes

## List of Publications by Year in descending order

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81  
papers

1,434  
citations

304743

22  
h-index

377865

34  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2461  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mucopolysaccharide diseases: A complex interplay between neuroinflammation, microglial activation and adaptive immunity. <i>Journal of Inherited Metabolic Disease</i> , 2014, 37, 1-12.	3.6	77
2	Altered Immunogenicity of Donor Lungs via Removal of Passenger Leukocytes Using Ex Vivo Lung Perfusion. <i>American Journal of Transplantation</i> , 2016, 16, 33-43.	4.7	71
3	The Immune System and Chronic Heart Failure. <i>Journal of the American College of Cardiology</i> , 2009, 53, 1013-1020.	2.8	62
4	Non-invasive approaches for the diagnosis of acute cardiac allograft rejection. <i>Heart</i> , 2013, 99, 445-453.	2.9	62
5	Pleiotropic Effects and Cholesterol-Lowering Therapy. <i>Cardiology</i> , 2009, 112, 4-12.	1.4	59
6	Immunological mechanisms of pentoxifylline in chronic heart failure. <i>European Journal of Heart Failure</i> , 2009, 11, 113-118.	7.1	55
7	The role of interleukin-1 $\beta$ as a predictive biomarker and potential therapeutic target during clinical ex vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 985-995.	0.6	53
8	Clinical Outcome of Patients Transplanted with Marginal Donor Lungs via Ex Vivo Lung Perfusion Compared to Standard Lung Transplantation. <i>Transplantation</i> , 2015, 99, 1078-1083.	1.0	50
9	Natural Killer Cells in Peripheral Blood and Lung Tissue Are Associated With Chronic Rejection After Lung Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 203-207.	0.6	47
10	Ex Vivo Normothermic Perfusion Induces Donor-Derived Leukocyte Mobilization and Removal Prior to Renal Transplantation. <i>Kidney International Reports</i> , 2016, 1, 230-239.	0.8	39
11	Therapeutic drug monitoring of ciclosporin A and tacrolimus in heart lung transplant patients using dried blood spots. <i>Annals of Clinical Biochemistry</i> , 2014, 51, 106-109.	1.6	37
12	A randomized study comparing three groups of vein harvesting methods for coronary artery bypass grafting: endoscopic harvest versus standard bridging and open techniques. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012, 15, 224-228.	1.1	34
13	Mechanical removal of dendritic cell $\rightarrow$ generating non-classical monocytes via ex vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 864-869.	0.6	32
14	Randomized Prospective Study Comparing Conventional Subcuticular Skin Closure With Dermabond Skin Glue After Saphenous Vein Harvesting. <i>Annals of Thoracic Surgery</i> , 2009, 88, 1445-1449.	1.3	30
15	Natural killer cells and lung transplantation, roles in rejection, infection, and tolerance. <i>Transplant Immunology</i> , 2008, 19, 1-11.	1.2	29
16	Melatonin $\rightarrow$ a pleiotropic molecule involved in pathophysiological processes following organ transplantation. <i>Immunology</i> , 2009, 127, 443-449.	4.4	27
17	Study Comparing Vein Integrity and Clinical Outcomes in Open Vein Harvesting and 2 Types of Endoscopic Vein Harvesting for Coronary Artery Bypass Grafting. <i>Circulation</i> , 2017, 136, 1688-1702.	1.6	27
18	The Pathophysiology of Chronic Graft Failure in the Cardiac Transplant Patient. <i>American Journal of Transplantation</i> , 2009, 9, 2211-2216.	4.7	26

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19	The Efficacy and Tolerability of Ezetimibe in Cardiac Transplant Recipients Taking Cyclosporin. Transplantation, 2009, 87, 771-775.	1.0	26
20	The MDR1/ABCB1 Gene, a High-Impact Risk Factor for Cardiac Transplant Rejection. Transplantation, 2006, 82, 1677-1682.	1.0	24
21	Ezetimibe and atorvastatin both immunoregulate CD4+ T cells from cardiac transplant recipients in vitro. Transplant Immunology, 2009, 21, 179-182.	1.2	24
22	Histological and immunohistochemical evaluation of human saphenous vein harvested by endoscopic and open conventional methods. Interactive Cardiovascular and Thoracic Surgery, 2015, 20, 178-185.	1.1	24
23	A comprehensive review on learning curve associated problems in endoscopic vein harvesting and the requirement for a standardised training programme. Journal of Cardiothoracic Surgery, 2016, 11, 45.	1.1	24
24	Strategies to Reduce Ischemia Reperfusion Injury in Vascularized Composite Allotransplantation of the Limb. Journal of Hand Surgery, 2017, 42, 1019-1024.	1.6	24
25	Interleukin 6 G-174C Polymorphism Influences Outcome Following Coronary Revascularization Surgery. Heart Surgery Forum, 2005, 8, E140-E145.	0.5	23
26	Mannose-binding Lectin Deficiency Offers Protection From Acute Graft Rejection After Heart Transplantation. Journal of Heart and Lung Transplantation, 2008, 27, 1353-1356.	0.6	21
27	The Effect of Beta-Blockers on the Adaptive Immune System in Chronic Heart Failure. Cardiovascular Therapeutics, 2009, 27, 181-186.	2.5	21
28	A randomized study comparing traditional monofilament knotted sutures with barbed knotless sutures for donor leg wound closure in coronary artery bypass surgery. Interactive Cardiovascular and Thoracic Surgery, 2016, 22, 161-167.	1.1	21
29	Substrate for the Myocardial Inflammation-Heart Failure Hypothesis Identified Using Novel $\pi$ -SPIO Methodology. JACC: Cardiovascular Imaging, 2021, 14, 365-376.	5.3	20
30	HMG-CoA reductase inhibitors deplete circulating classical and non-classical monocytes following human heart transplantation. Transplant Immunology, 2008, 19, 152-157.	1.2	19
31	Liquid chromatography-mass spectrometry measurement of tacrolimus in finger-prick samples compared with venous whole blood samples. Annals of Clinical Biochemistry, 2009, 46, 144-145.	1.6	19
32	BNP directly immunoregulates the innate immune system of cardiac transplant recipients in vitro. Transplant Immunology, 2009, 20, 199-202.	1.2	19
33	Myocardial recovery with mechanical circulatory support. European Journal of Heart Failure, 2016, 18, 1220-1227.	7.1	17
34	Adherence to Mediterranean and low-fat diets among heart and lung transplant recipients: a randomized feasibility study. Nutrition Journal, 2018, 17, 22.	3.4	14
35	Randomized preclinical study of machine perfusion in vascularized composite allografts. British Journal of Surgery, 2021, 108, 574-582.	0.3	14
36	Donor CCR5 $\Delta$ 32 Polymorphism and Outcome Following Cardiac Transplantation. Transplantation Proceedings, 2005, 37, 2247-2249.	0.6	13

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37	The future application of nanomedicine and biomimicry in plastic and reconstructive surgery. <i>Nanomedicine</i> , 2019, 14, 2679-2696.	3.3	13
38	A comparative analysis of saphenous vein conduit harvesting techniques for coronary artery bypass grafting â€” standard bridging versus the open technique. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 10, 27-31.	1.1	12
39	Closed Suction Drainage Improves Clinical Outcome in Patients Undergoing Endoscopic Vein Harvesting for Coronary Artery Bypass Grafting. <i>Annals of Thoracic Surgery</i> , 2012, 93, 1201-1205.	1.3	12
40	Graft rejection â€” endogenous or allogeneic?. <i>Immunology</i> , 2012, 136, 123-132.	4.4	12
41	Ex Vivo Lung Perfusion Improves the Inflammatory Signaling Profile of the Porcine Donor Lung Following Transplantation. <i>Transplantation</i> , 2020, 104, 1899-1905.	1.0	12
42	The Effects of ACE Inhibition on Serum Angiotensin II Concentration Following Cardiac Transplantation. <i>Transplantation Proceedings</i> , 2005, 37, 4525-4527.	0.6	11
43	Does Brain Natriuretic Peptide Interact With the Immune System After Cardiac Transplantation?. <i>Transplantation</i> , 2007, 84, 1377-1381.	1.0	11
44	Does the introduction of a comprehensive structured training programme for endoscopic vein harvesting improve conduit quality? A multicentre pilot study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2015, 20, 186-193.	1.1	11
45	Non-ischemic Heart Preservation via Hypothermic Cardioplegic Perfusion Induces Immunodepletion of Donor Hearts Resulting in Diminished Graft Infiltration Following Transplantation. <i>Frontiers in Immunology</i> , 2020, 11, 1621.	4.8	11
46	Changes in induced sputum in the presence of bronchiolitis obliterans syndrome and correlation with spirometry in single and bilateral lung transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 88-91.	0.6	10
47	Brain natriuretic peptide induces CD8+ T cell death via a caspase 3 associated pathway â€” Implications following heart transplantation. <i>Transplant Immunology</i> , 2012, 26, 119-122.	1.2	10
48	The effect of 1.5â€‰%T cardiac magnetic resonance on human circulating leucocytes. <i>European Heart Journal</i> , 2018, 39, 305-312.	2.2	10
49	Normothermic ex vivo perfusion of the limb allograft depletes donor leukocytes prior to transplantation. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 2969-2976.	1.0	10
50	Potential immunologic effects of statins in cancer following transplantation. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 461-467.	4.2	8
51	Ex-vivo flush of the limb allograft reduces inflammatory burden prior to transplantation. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2018, 71, 140-146.	1.0	7
52	Pro-IL-1 $\beta$ Is an Early Prognostic Indicator of Severe Donor Lung Injury During Ex Vivo Lung Perfusion. <i>Transplantation</i> , 2021, 105, 768-774.	1.0	7
53	CD4 $^{+}$ veCD8 $^{+}$ ve CD30 $^{+}$ ve T Cells Are Detectable in Human Lung Transplant Patients and Their Proportion of the Lymphocyte Population After In Vitro Stimulation With Donor Spleen Cells Correlates With Preservation of Lung Physiology. <i>Transplantation Proceedings</i> , 2005, 37, 2257-2260.	0.6	6
54	CMV infection is associated with the depletion but lack of activation of peripheral blood natural killer cells in a lung transplant cohort. <i>Transplant Immunology</i> , 2008, 19, 235-237.	1.2	6

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55	Characterisation of the T cell and dendritic cell repertoire in a murine model of mucopolysaccharidosis I (MPS I). <i>Journal of Inherited Metabolic Disease</i> , 2013, 36, 257-262.	3.6	6
56	Heart Rate After Cardiac Transplantation—Lessons From the Tortoise and the Shrew. <i>Transplantation</i> , 2013, 95, 259-265.	1.0	6
57	Characterizing the early inflammatory contribution of the donor kidney following reperfusion. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, 1487-1492.	0.7	6
58	Optimization of an Ex-Vivo Limb Perfusion Protocol for Vascularized Composite Allograft Transplantation. <i>Transplantation</i> , 2018, 102, S436-S437.	1.0	6
59	Myocardial heat shock protein 60 expression is upregulated following acute cardiac rejection. <i>Transplant Immunology</i> , 2009, 21, 140-142.	1.2	5
60	Can inflammation be an independent predictor of depression?. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 173.	4.1	5
61	Modifying dietary patterns in cardiothoracic transplant patients to reduce cardiovascular risk: The AMEND—IT Trial. <i>Clinical Transplantation</i> , 2021, 35, e14186.	1.6	5
62	Non-specific immunomodulation in chronic heart failure. <i>Lancet, The</i> , 2008, 371, 2083.	13.7	4
63	Renal hemofiltration prevents metabolic acidosis and reduces inflammation during normothermic machine perfusion of the vascularized composite allograft: A preclinical study. <i>Artificial Organs</i> , 2022, 46, 259-272.	1.9	4
64	Hemodynamics and Metabolic Parameters in Normothermic Kidney Preservation Are Linked With Donor Factors, Perfusate Cells, and Cytokines. <i>Frontiers in Medicine</i> , 2021, 8, 801098.	2.6	4
65	The Use of Hemoglobin-Based Oxygen Carriers in Ex Vivo Machine Perfusion of Donor Organs for Transplantation. <i>ASAIO Journal</i> , 2022, 68, 461-470.	1.6	4
66	Randomized Study Comparing the Effect of Carbon Dioxide Insufflation on Veins using 2 Types of Endoscopic and Open Vein Harvesting. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2017, 12, 320-328.	0.9	3
67	A Randomized Study Comparing the Incidence of Postoperative Pain After Phrenic Nerve Infiltration Vs Nonphrenic Nerve Infiltration During Thoracotomy. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 583-592.	0.6	3
68	Understanding immunological response to desensitisation strategies in highly sensitised potential kidney transplant patients. <i>Transplantation Reviews</i> , 2021, 35, 100596.	2.9	3
69	Immune activation or immunomodulation in the brains of MPS IIIB mice? Commentary on “Innate and adaptive immune activation in the brain of MPS IIIB mouse model” <i>Journal of Neuroscience Research</i> , 2010, 88, 233-233.	2.9	2
70	Scrotal Distension After Endoscopic Harvesting of the Saphenous Vein in Patients With Inguinal Hernia. <i>Annals of Thoracic Surgery</i> , 2011, 92, 733-735.	1.3	2
71	Angiotensin converting enzyme insertion/deletion polymorphism does not influence postcardiac transplantation hypertension onset or progression. <i>Journal of Heart and Lung Transplantation</i> , 2005, 24, 406-410.	0.6	1
72	Decreased Immune Responses to Influenza Vaccination in Patients With Heart Failure. <i>Journal of Cardiac Failure</i> , 2009, 15, 549.	1.7	1

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73	016â€¦Uspio-enhanced CMR comprehensive methodological investigation and application in acute MI. Heart, 2017, 103, A13-A13.	2.9	1
74	Large Population Sizes Are A Prerequisite for Genetic Association Studies. Journal of Heart and Lung Transplantation, 2007, 26, 101.	0.6	0
75	The interpretation of clinical trial dataâ€”wrongly ACCLAIM'ed?. American Heart Journal, 2009, 158, 149-151.	2.7	0
76	Activated NK cells have a potential therapeutic role in sustaining donor engraftment following paediatric haematopoietic stem cell transplantation for nonâ€”malignant disease. British Journal of Haematology, 2011, 154, 527-529.	2.5	0
77	009â€¦The effect of cardiac magnetic resonance on human circulating leukocytes. Heart, 2017, 103, A7.2-A8.	2.9	0
78	Mediterranean and Low-Fat Diets Reduce Cardiovascular Disease after both Heart and Lung Transplantation. Transplantation, 2018, 102, S65.	1.0	0
79	A post-preservation vascular flush removes significant populations of donor leukocytes prior to lung transplantation. Transplant Immunology, 2021, 64, 101356.	1.2	0
80	Randomized Study Comparing the Effect of Carbon Dioxide Insufflation on Veins using 2 Types of Endoscopic and Open Vein Harvesting. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2017, 12, 320-328.	0.9	0
81	Bionic Prostheses: The Emerging Alternative to Vascularised Composite Allotransplantation of the Limb. Frontiers in Surgery, 2022, 9, .	1.4	0