

# Michael L Nicholson

## List of Publications by Year in descending order

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55  
papers

1,400  
citations

304743

22  
h-index

345221

36  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular vesicles in kidney transplantation: a state-of-the-art review. <i>Kidney International</i> , 2022, 101, 485-497.	5.2	11
2	MicroRNA antagonist therapy during normothermic machine perfusion of donor kidneys. <i>American Journal of Transplantation</i> , 2022, 22, 1088-1100.	4.7	15
3	The Effects of Free Heme on Functional and Molecular Changes During Ex Vivo Normothermic Machine Perfusion of Human Kidneys. <i>Frontiers in Immunology</i> , 2022, 13, 849742.	4.8	9
4	Novel delivery of cellular therapy to reduce ischemia reperfusion injury in kidney transplantation. <i>American Journal of Transplantation</i> , 2021, 21, 1402-1414.	4.7	46
5	Lysis of cold-storage-induced microvascular obstructions for ex vivo revitalization of marginal human kidneys. <i>American Journal of Transplantation</i> , 2021, 21, 161-173.	4.7	37
6	Treatment of transplant kidneys during machine perfusion. <i>Transplant International</i> , 2021, 34, 224-232.	1.6	32
7	Normothermic kidney perfusion: An overview of protocols and strategies. <i>American Journal of Transplantation</i> , 2021, 21, 1382-1390.	4.7	44
8	A systematic review of living kidney donor enhanced recovery after surgery. <i>Clinical Transplantation</i> , 2021, 35, e14384.	1.6	5
9	SP5.2.2 A Systematic Review of Living Kidney Donor Enhanced Recovery After Surgery. <i>British Journal of Surgery</i> , 2021, 108, .	0.3	0
10	A Short Period of Normothermic Machine Perfusion May Not Be Able to Predict Primary Nonfunction in Uncontrolled Circulatory Death Kidneys. <i>Transplantation</i> , 2021, 105, e11-e12.	1.0	10
11	Anastomosis of dual renal transplant veins. <i>Journal of Surgical Case Reports</i> , 2020, 2020, rjaa310.	0.4	2
12	Preemptive immunosuppression using tacrolimus monotherapy does not reduce the rate of early acute rejection in renal transplantation from live donors: a comparative cohort study. <i>Transplant International</i> , 2020, 33, 1754-1761.	1.6	1
13	Targeting succinate dehydrogenase with malonate ester prodrugs decreases renal ischemia reperfusion injury. <i>Redox Biology</i> , 2020, 36, 101640.	9.0	42
14	Iliac Fossa Muscle Splitting Incision in Laparoscopic Donor Nephrectomy: A comparison With the Suprapubic Approach. <i>Urology</i> , 2020, 143, 142-146.	1.0	1
15	MicroRNA-126-3p is Downregulated in Human Kidneys in a Model of Reperfusion Injury. <i>Kidney International Reports</i> , 2020, 5, 2357-2360.	0.8	4
16	Use of a double stent during ex vivo normothermic machine perfusion of human kidneys. <i>American Journal of Transplantation</i> , 2020, 20, 1754-1755.	4.7	2
17	Comparative Analysis of Risk Factors in Declined Kidneys from Donation after Brain Death and Circulatory Death. <i>Medicina (Lithuania)</i> , 2020, 56, 317.	2.0	1
18	Configuration of the extra-renal venous system in relation to the left renal vein: A cadaveric study and new proposed classification. <i>Journal of the Royal College of Surgeons of Edinburgh</i> , 2020, 18, 349-353.	1.8	1

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19	Flavin Mononucleotide as a Biomarker of Organ Quality—A Pilot Study. <i>Transplantation Direct</i> , 2020, 6, e600.	1.6	45
20	Use of ex vivo normothermic machine perfusion after normothermic regional perfusion to salvage a poorly perfused DCD kidney. <i>American Journal of Transplantation</i> , 2019, 19, 3415-3419.	4.7	13
21	Preventing conversion to open surgery during laparoscopic donor nephrectomy complicated by bleeding from the aorta. <i>Clinical Transplantation</i> , 2019, 33, e13653.	1.6	1
22	Dissemination of a novel organ perfusion technique: ex vivo normothermic perfusion of deceased donor kidneys. <i>Artificial Organs</i> , 2019, 43, E308-E319.	1.9	39
23	Physiological effects of altering oxygenation during kidney normothermic machine perfusion. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F823-F829.	2.7	22
24	Vasoreactivity to Acetylcholine During Porcine Kidney Perfusion for the Assessment of Ischemic Injury. <i>Journal of Surgical Research</i> , 2019, 238, 96-101.	1.6	6
25	Reducing Proinflammatory Signaling and Enhancing Insulin Secretion With the Application of Oxygen Perfusion in Human Pancreata. <i>Transplantation</i> , 2019, 103, 13-14.	1.0	2
26	Oxygen Supplementation Supports Energy Production During Hypothermic Machine Perfusion in a Model of Donation After Circulatory Death Donors. <i>Transplantation</i> , 2019, 103, 1980-1981.	1.0	9
27	Ischemia-reperfusion injury in renal transplantation: 3 key signaling pathways in tubular epithelial cells. <i>Kidney International</i> , 2019, 95, 50-56.	5.2	100
28	Prolongation of allograft survival by passenger donor regulatory T cells. <i>American Journal of Transplantation</i> , 2019, 19, 1371-1379.	4.7	19
29	Hydrogen Gas Does Not Ameliorate Renal Ischemia Reperfusion Injury in a Preclinical Model. <i>Artificial Organs</i> , 2018, 42, 723-727.	1.9	11
30	The future of marginal kidney repair in the context of normothermic machine perfusion. <i>American Journal of Transplantation</i> , 2018, 18, 2400-2408.	4.7	66
31	Protocol of a randomised controlled, open-label trial of ex vivo normothermic perfusion versus static cold storage in donation after circulatory death renal transplantation. <i>BMJ Open</i> , 2017, 7, e012237.	1.9	124
32	The administration of argon during ex vivo normothermic perfusion in an experimental model of kidney ischemia-reperfusion injury. <i>Journal of Surgical Research</i> , 2017, 218, 202-208.	1.6	16
33	Lowering Perfusate Temperature From 37°C to 32°C Diminishes Function in a Porcine Model of Ex Vivo Kidney Perfusion. <i>Transplantation Direct</i> , 2017, 3, e140.	1.6	26
34	Nanoparticle targeting to the endothelium during normothermic machine perfusion of human kidneys. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	104
35	Haemoadsorption reduces the inflammatory response and improves blood flow during ex vivo renal perfusion in an experimental model. <i>Journal of Translational Medicine</i> , 2017, 15, 216.	4.4	49
36	Recommendations for donation after circulatory death kidney transplantation in Europe. <i>Transplant International</i> , 2016, 29, 780-789.	1.6	30

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37	A Double Blind Randomized Clinical Trial of Remote Ischemic Conditioning in Live Donor Renal Transplantation. <i>Medicine (United States)</i> , 2015, 94, e1316.	1.0	29
38	Hydrogen Sulfide Reduces Inflammation Following Abdominal Aortic Occlusion in Rats. <i>Annals of Vascular Surgery</i> , 2015, 29, 353-360.	0.9	7
39	Hydrogen sulphide as a novel therapy to ameliorate cyclosporine nephrotoxicity. <i>Journal of Surgical Research</i> , 2015, 197, 419-426.	1.6	9
40	Normothermic machine perfusion of the kidney: better conditioning and repair?. <i>Transplant International</i> , 2015, 28, 657-664.	1.6	97
41	Serum-stabilized Naked Caspase-3 siRNA Protects Autotransplant Kidneys in a Porcine Model. <i>Molecular Therapy</i> , 2014, 22, 1817-1828.	8.2	41
42	The effects of arterial pressure during normothermic kidney perfusion. <i>Journal of Surgical Research</i> , 2014, 191, 463-468.	1.6	21
43	Innate immunity activation involved in unprotected porcine auto-transplant kidneys preserved by naked caspase-3 siRNA. <i>Journal of Translational Medicine</i> , 2013, 11, 210.	4.4	17
44	Naked caspase 3 small interfering RNA is effective in cold preservation but not in autotransplantation of porcine kidneys. <i>Journal of Surgical Research</i> , 2013, 181, 342-354.	1.6	34
45	Systemic Heparinisation in Laparoscopic Live Donor Nephrectomy. <i>Journal of Transplantation</i> , 2013, 2013, 1-5.	0.5	3
46	Health-Related Quality of Life After Living Donor Nephrectomy: A Randomized Controlled Trial of Laparoscopic Versus Open Nephrectomy. <i>Transplantation</i> , 2011, 91, 457-461.	1.0	43
47	Current practices of donor pancreas allocation. <i>Transplant International</i> , 2005, 18, 1389-1389.	1.6	0
48	Differential effects of modern immunosuppressive agents on the development of intimal hyperplasia. <i>Transplant International</i> , 2004, 17, 9-14.	1.6	17
49	A Comparison of Renal Preservation by Cold Storage and Machine Perfusion Using a Porcine Autotransplant Model. <i>Transplantation</i> , 2004, 78, 333-337.	1.0	54
50	The effect of combined rapamycin/cyclosporine on the changes in pro-fibrotic gene expression that occur during the development of allograft vasculopathy in rats, compared with cyclosporine or rapamycin in isolation. <i>Transplant International</i> , 2003, 16, 347-353.	1.6	4
51	Cardiac allograft vasculopathy: current concepts and treatment. <i>Transplant International</i> , 2003, 16, 367-375.	1.6	29
52	Sequential protocol biopsies from renal transplant recipients show an increasing expression of active TGF beta. <i>Transplant International</i> , 2002, 15, 630-634.	1.6	0
53	Dual renal transplant from a non-heart beating donor. <i>Transplant International</i> , 1999, 12, 466-467.	1.6	6
54	The beneficial effects of oral nifedipine on cyclosporin-treated renal transplant recipients – a randomised prospective study. <i>Transplant International</i> , 1996, 9, 115-125.	1.6	32

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55	The beneficial effects of oral nifedipine on cyclosporin-treated renal transplant recipients ? a randomised prospective study. <i>Transplant International</i> , 1996, 9, 115-125.	1.6	12