

Thomas Minor

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,458
citations

147566

31
h-index

223531

46
g-index

82
all docs

82
docs citations

82
times ranked

1409
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Oxygenated Rewarming Compensates for Cold Storageâ€‘induced Dysfunction in Kidney Grafts. <i>Transplantation</i> , 2022, 106, 973-978.	0.5	9
2	Impact of Red Blood Cells on Function and Metabolism of Porcine Deceased Donor Kidneys During Normothermic Machine Perfusion. <i>Transplantation</i> , 2022, 106, 1170-1179.	0.5	19
3	Comparison of thermal variations in postâ€‘retrieval graft conditioning on rat livers. <i>Artificial Organs</i> , 2022, 46, 239-245.	1.0	2
4	Clinical use of controlled oxygenated rewarming of kidney grafts prior to transplantation by ex vivo machine perfusion. A pilot study. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13691.	1.7	13
5	Kidney transplantation in a patient taking a direct oral anticoagulant. <i>Minerva Anestesiologica</i> , 2022, , .	0.6	0
6	Reduction of Renal Preservation/Reperfusion Injury by Controlled Hyperthermia During <i>Ex Vivo</i> Machine Perfusion. <i>Clinical and Translational Science</i> , 2021, 14, 544-549.	1.5	7
7	Oxygenated End-Hypothermic Machine Perfusion in Expanded Criteria Donor Kidney Transplant. <i>JAMA Surgery</i> , 2021, 156, 517.	2.2	37
8	Use of the new preservation solution Custodiolâ€‘MP for ex vivo reconditioning of kidney grafts. <i>Artificial Organs</i> , 2021, 45, 1117-1123.	1.0	2
9	Preservation of Mitochondrial Coupling and Renal Function by Controlled Oxygenated Rewarming of Porcine Kidney Grafts. <i>Biomolecules</i> , 2021, 11, 1880.	1.8	7
10	First-in-man controlled rewarming and normothermic perfusion with cell-free solution of a kidney prior to transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 1192-1195.	2.6	38
11	Transient hyperthermia during oxygenated rewarming of isolated rat livers. <i>Transplant International</i> , 2020, 33, 272-278.	0.8	8
12	Adenosine A2a Receptor Stimulation Attenuates Ischemia-Reperfusion Injury and Improves Survival in A Porcine Model of DCD Liver Transplantation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6747.	1.8	5
13	Should kidney allografts from old donors be allocated only to old recipients?. <i>Transplant International</i> , 2020, 33, 849-857.	0.8	12
14	Effect of oxygen concentration in anterograde liver persufflation on high energy phosphates and graft function after ischemic preservation. <i>Cryobiology</i> , 2020, 92, 248-250.	0.3	4
15	Lowâ€‘pressure machine perfusion of the kidney: role of colloidal support. <i>Transplant International</i> , 2020, 33, 465-466.	0.8	1
16	Infectivity and stability of hepatitis C virus in different perfusion solutions. <i>Transplant Infectious Disease</i> , 2019, 21, e13135.	0.7	1
17	Rewarming Injury after Cold Preservation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2059.	1.8	36
18	Oxygen Persufflation in Liver Transplantation Results of a Randomized Controlled Trial. <i>Bioengineering</i> , 2019, 6, 35.	1.6	6

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19	Effects of Oxygen During Long-term Hypothermic Machine Perfusion in a Porcine Model of Kidney Donation After Circulatory Death. <i>Transplantation</i> , 2019, 103, 2057-2064.	0.5	50
20	Role of erythrocytes in short-term rewarming kidney perfusion after cold storage. <i>Artificial Organs</i> , 2019, 43, 584-592.	1.0	21
21	Cold flush after dynamic liver preservation protects against ischemic changes upon reperfusion - an experimental study. <i>Transplant International</i> , 2019, 32, 218-224.	0.8	5
22	Analysis of Data from the Oxygen Persufflation in Liver Transplantation (OPAL) Study to Determine the Role of Factors Affecting the Hepatic Microcirculation and Early Allograft Dysfunction. <i>Annals of Transplantation</i> , 2019, 24, 481-488.	0.5	5
23	Isolated kidney perfusion: the influence of pulsatile flow. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 131-135.	0.6	23
24	Transplantation of Cold Stored Porcine Kidneys After Controlled Oxygenated Rewarming. <i>Artificial Organs</i> , 2018, 42, 647-654.	1.0	17
25	Methylene Blue Treatment of Grafts During Cold Ischemia Time Reduces the Risk of Hepatitis C Virus Transmission. <i>Journal of Infectious Diseases</i> , 2018, 218, 1711-1721.	1.9	10
26	Improved approach for normothermic machine perfusion of cold stored kidney grafts. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 1921-1929.	0.0	21
27	Role of temperature in reconditioning and evaluation of cold preserved kidney and liver grafts. <i>Current Opinion in Organ Transplantation</i> , 2017, 22, 267-273.	0.8	23
28	Liver steatosis in pre-transplant liver biopsies can be quantified rapidly and accurately by nuclear magnetic resonance analysis. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017, 470, 197-204.	1.4	5
29	Reconditioning by end-ischemic hypothermic in-house machine perfusion: A promising strategy to improve outcome in expanded criteria donors kidney transplantation. <i>Clinical Transplantation</i> , 2017, 31, e12904.	0.8	36
30	Controlled oxygenated rewarming up to normothermia for pretransplant reconditioning of liver grafts. <i>Clinical Transplantation</i> , 2017, 31, e13101.	0.8	25
31	Prediction of Hepatocellular Preservation Injury Immediately Before Human Liver Transplantation by Controlled Oxygenated Rewarming. <i>Transplantation Direct</i> , 2017, 3, e122.	0.8	9
32	End-ischemic reconditioning of liver allografts: Controlling the rewarming. <i>Liver Transplantation</i> , 2016, 22, 1223-1230.	1.3	31
33	Prediction of renal function upon reperfusion by <i>ex situ</i> controlled oxygenated rewarming. <i>European Journal of Clinical Investigation</i> , 2016, 46, 1024-1030.	1.7	25
34	Controlled Oxygenated Rewarming of Cold Stored Livers Prior to Transplantation. <i>Transplantation</i> , 2016, 100, 147-152.	0.5	115
35	Controlled Rewarming after Hypothermia: Adding a New Principle to Renal Preservation. <i>Clinical and Translational Science</i> , 2015, 8, 475-478.	1.5	50
36	Kidney transplantation after oxygenated machine perfusion preservation with Custodiol-N solution. <i>Transplant International</i> , 2015, 28, 1102-1108.	0.8	22

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37	Ex vivo use of a Rho-kinase inhibitor during renal preservation improves graft function upon reperfusion. <i>Cryobiology</i> , 2015, 70, 71-75.	0.3	4
38	New Strategies and Concepts in Organ Preservation. <i>European Surgical Research</i> , 2015, 54, 114-126.	0.6	26
39	Donor information based prediction of early allograft dysfunction and outcome in liver transplantation. <i>Liver International</i> , 2015, 35, 156-163.	1.9	76
40	Oxygen Insufflation in University of Wisconsin Solution Ameliorates Reperfusion Injury in Small Bowel after Cold Storage and Reperfusion. <i>Annals of Transplantation</i> , 2015, 20, 469-477.	0.5	2
41	Single-center Experience with Live Kidney Donors 60 Years of Age or Older. <i>American Surgeon</i> , 2014, 80, 1230-1236.	0.4	4
42	Adding Pulsatile Vascular Stimulation to Venous Systemic Oxygen Persufflation of Liver Grafts. <i>Artificial Organs</i> , 2014, 38, 404-410.	1.0	12
43	Influence of Oxygen Concentration During Hypothermic Machine Perfusion on Porcine Kidneys From Donation After Circulatory Death. <i>Transplantation</i> , 2014, 98, 944-950.	0.5	57
44	Subnormothermic machine perfusion for preservation of porcine kidneys in a donation after circulatory death model. <i>Transplant International</i> , 2014, 27, 1097-1106.	0.8	41
45	One or 4h of in-house reconditioning by machine perfusion after cold storage improve reperfusion parameters in porcine kidneys. <i>Transplant International</i> , 2014, 27, 1214-1219.	0.8	31
46	Use of the new preservation solution Custodiol-N supplemented with dextran for hypothermic machine perfusion of the kidney. <i>Cryobiology</i> , 2013, 66, 131-135.	0.3	26
47	Hypothermic reconditioning in organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 161-167.	0.8	43
48	Role of Pulsatility in Hypothermic Reconditioning of Porcine Kidney Grafts by Machine Perfusion After Cold Storage. <i>Transplantation</i> , 2013, 96, 538-542.	0.5	63
49	Role of Oxygenation in Hypothermic Machine Perfusion of Kidneys From Heart Beating Donors. <i>Transplantation</i> , 2012, 94, 809-813.	0.5	33
50	Hypothermic Reconditioning of Porcine Kidney Grafts by Short-Term Preimplantation Machine Perfusion. <i>Transplantation</i> , 2012, 93, 787-793.	0.5	54
51	Energetic recovery in porcine grafts by minimally invasive liver oxygenation. <i>Journal of Surgical Research</i> , 2012, 178, e59-e63.	0.8	16
52	Dopamine improves hypothermic machine preservation of the liver. <i>Cryobiology</i> , 2011, 63, 84-89.	0.3	5
53	Optimal Time for Hypothermic Reconditioning of Liver Grafts by Venous Systemic Oxygen Persufflation in a Large Animal Model. <i>Transplantation</i> , 2011, 91, 42-47.	0.5	48
54	Oxygen persufflation as adjunct in liver preservation (OPAL): Study protocol for a randomized controlled trial. <i>Trials</i> , 2011, 12, 234.	0.7	20

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55	Hypothermic reconditioning after cold storage improves posts ischemic graft function in isolated porcine kidneys. <i>Transplant International</i> , 2010, 23, 538-542.	0.8	50
56	Role of oxygen during hypothermic machine perfusion preservation of the liver. <i>Transplant International</i> , 2010, 23, 944-50.	0.8	63
57	Impaired autophagic clearance after cold preservation of fatty livers correlates with tissue necrosis upon reperfusion and is reversed by hypothermic reconditioning. <i>Liver Transplantation</i> , 2009, 15, 798-805.	1.3	53
58	Energy charge restoration, mitochondrial protection and reversal of preservation induced liver injury by hypothermic oxygenation prior to reperfusion. <i>Cryobiology</i> , 2009, 58, 331-336.	0.3	75
59	Function and quality of kidneys after cold storage, machine perfusion, or retrograde oxygen persufflation: Results from a porcine autotransplantation model. <i>Cryobiology</i> , 2009, 59, 19-23.	0.3	34
60	Retrograde oxygen persufflation preservation of human livers: A pilot study. <i>Liver Transplantation</i> , 2008, 14, 358-364.	1.3	57
61	Improved Kidney Graft Function After Preservation Using a Novel Hypothermic Machine Perfusion Device. <i>Annals of Surgery</i> , 2007, 246, 982-991.	2.1	92
62	Assessment of hepatic integrity after ischemic preservation by isolated perfusion in vitro: The role of albumin. <i>Cryobiology</i> , 2007, 54, 188-195.	0.3	25
63	Possibility of conditioning predamaged grafts after cold storage: influences of oxygen and nutritive stimulation. <i>Transplant International</i> , 2006, 19, 667-674.	0.8	20
64	Kidney transplantation from non-heart-beating donors after oxygenated low-flow machine perfusion preservation with histidine?tryptophan?ketoglutarate solution. <i>Transplant International</i> , 2005, 17, 707-712.	0.8	45
65	Impact of intrans ischemic temperature on oxidative stress during hepatic reperfusion. <i>Free Radical Biology and Medicine</i> , 2003, 35, 901-909.	1.3	30
66	Oxygenated machine perfusion mitigates surface antigen expression and improves preservation of predamaged donor livers. <i>Cryobiology</i> , 2003, 46, 53-60.	0.3	40
67	Use of Taurine as Antioxidant in Resuscitating Livers from Non-Heart-Beating Donors by Gaseous Oxygen Persufflation. <i>Journal of Investigative Surgery</i> , 2003, 16, 7-11.	0.6	16
68	Improvement of microvascular graft equilibration and preservation in non-heart-beating donors by warm preflush with streptokinase1. <i>Transplantation</i> , 2003, 75, 449-453.	0.5	27
69	Fibrinolysis in organ procurement for transplantation after cardiocirculatory compromise. <i>Thrombosis and Haemostasis</i> , 2003, 90, 361-362.	1.8	11
70	FIBRINOLYTIC PREFLUSH UPON LIVER RETRIEVAL FROM NON-HEART BEATING DONORS TO ENHANCE POSTPRESERVATION VIABILITY AND ENERGETIC RECOVERY UPON REPERFUSION. <i>Transplantation</i> , 2001, 71, 1792-1796.	0.5	56
71	Adenosine A2 receptor stimulation protects the predamaged liver from cold preservation through activation of cyclic adenosine monophosphate-protein kinase a pathway. <i>Liver Transplantation</i> , 2000, 6, 196-200.	1.3	11
72	Gaseous Oxygen for Hypothermic Preservation of Predamaged Liver Grafts: Fuel to Cellular Homeostasis or Radical Tissue Alteration?. <i>Cryobiology</i> , 2000, 40, 182-186.	0.3	80

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73	Cold preservation of fatty liver grafts: prevention of functional and ultrastructural impairments by venous oxygen persufflation. <i>Journal of Hepatology</i> , 2000, 32, 105-111.	1.8	96
74	WARM PREFLUSH WITH STREPTOKINASE IMPROVES MICROVASCULAR PROCUREMENT AND TISSUE INTEGRITY IN LIVER GRAFT RETRIEVAL FROM NON-HEART-BEATING DONORS ¹ . <i>Transplantation</i> , 2000, 69, 1780-1784.	0.5	51
75	REDUCTION OF PROTEOLYSIS BY VENOUS-SYSTEMIC OXYGEN PERSUFFLATION DURING RAT LIVER PRESERVATION AND IMPROVED FUNCTIONAL OUTCOME AFTER TRANSPLANTATION ¹ . <i>Transplantation</i> , 1997, 63, 365-368.	0.5	37
76	BIOPHYSICAL ASPECTS OF LIVER AERATION BY VASCULAR PERSUFFLATION WITH GASEOUS OXYGEN. <i>Transplantation</i> , 1997, 63, 1843-1846.	0.5	38
77	SYNTHESIS OF HIGH ENERGY PHOSPHATES DURING COLD ISCHEMIC RAT LIVER PRESERVATION WITH GASEOUS OXYGEN INSUFFLATION ¹ . <i>Transplantation</i> , 1996, 61, 20-22.	0.5	58
78	Effects of taurine on liver preservation in UW solution with consecutive ischemic rewarming in the isolated perfused rat liver. <i>Transplant International</i> , 1995, 8, 174-179.	0.8	41
79	Protective effect of heat shock pretreatment with heat shock protein induction before hepatic warm ischemic injury caused by Pringle's maneuver. <i>Surgery</i> , 1995, 118, 510-516.	1.0	77
80	Platelet-activating factor antagonism enhances the liver's recovery from warm ischemia in situ. <i>Journal of Hepatology</i> , 1993, 18, 365-368.	1.8	14