

A randomized trial of normothermic preservation in liv

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Preserving the liver for transplantation. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 327-327.	17.8	3
2	Determination of Minimal Hemoglobin Level Necessary for Normothermic Porcine Ex Situ Liver Perfusion. Transplantation, 2018, 102, 1284-1292.	1.0	11
3	A Comparative Study of Single and Dual Perfusion During End-ischemic Subnormothermic Liver Machine Preservation. Transplantation Direct, 2018, 4, e400.	1.6	6
4	Organ Transplantation in Colombia. Transplantation, 2018, 102, 1779-1782.	1.0	9
5	Extended criteria donors in liver transplantation—“from marginality to mainstream. Hepatobiliary Surgery and Nutrition, 2018, 7, 386-388.	1.5	15
6	Disrupting the Field of Organ Preservation: Normothermic Preservation in Liver Transplantation. Transplantation, 2018, 102, 1783-1785.	1.0	2
7	Impact of Machine Perfusion on Biliary Complications after Liver Transplantation. International Journal of Molecular Sciences, 2018, 19, 3567.	4.1	29
10	Advances in machine perfusion, organ preservation, and cryobiology: potential impact on vascularized composite allotransplantation. Current Opinion in Organ Transplantation, 2018, 23, 561-567.	1.6	26
11	Liver Transplantation for HCC Beyond Milan. Current Transplantation Reports, 2018, 5, 319-326.	2.0	2
13	Current opinions in organ allocation. American Journal of Transplantation, 2018, 18, 2625-2634.	4.7	7
14	Combined Hypothermic and Normothermic Perfusion for the Optimization of Injured Liver Grafts. Liver Transplantation, 2018, 24, 1647-1648.	2.4	1
15	Stretching the boundaries for liver transplant in the 21st century. The Lancet Gastroenterology and Hepatology, 2018, 3, 803-811.	8.1	22
16	Optimizing Livers for Transplantation Using Machine Perfusion versus Cold Storage in Large Animal Studies and Human Studies: A Systematic Review and Meta-Analysis. BioMed Research International, 2018, 2018, 1-15.	1.9	7
17	Viability Criteria for Functional Assessment of Donor Livers During Normothermic Machine Perfusion. Liver Transplantation, 2018, 24, 1333-1335.	2.4	7
18	Reply. Liver Transplantation, 2018, 24, 1149-1150.	2.4	0
19	Perfusion settings and additives in liver normothermic machine perfusion with red blood cells as oxygen carrier. A systematic review of human and porcine perfusion protocols. Transplant International, 2018, 31, 956-969.	1.6	34
20	Combined Hypothermic and Normothermic Machine Perfusion Improves Functional Recovery of Extended Criteria Donor Livers. Liver Transplantation, 2018, 24, 1699-1715.	2.4	93
21	Normothermic ex-vivo liver perfusion: where do we stand and where to reach?. Expert Review of Gastroenterology and Hepatology, 2018, 12, 1045-1058.	3.0	11

#	ARTICLE	IF	CITATIONS
22	Liver Transplantation Today: Where We Are Now and Where We Are Going. Liver Transplantation, 2018, 24, 1470-1475.	2.4	119
23	Organ Preservation in Liver Transplantation. Seminars in Liver Disease, 2018, 38, 260-269.	3.6	23
24	Current Challenges of Kidney Transplantation in Iran. Transplantation, 2018, 102, 1195-1197.	1.0	9
25	Post-reperfusion hydrogen gas treatment ameliorates ischemia reperfusion injury in rat livers from donors after cardiac death: a preliminary study. Surgery Today, 2018, 48, 1081-1088.	1.5	18
26	Studying non-alcoholic fatty liver disease: the ins and outs of in vivo, ex vivo and in vitro human models. Hormone Molecular Biology and Clinical Investigation, 2020, 41, .	0.7	15
27	Implementing an innovated liver ex-situ machine perfusion technology: The 2018 Joint International Congress of ILTS, ELITA and LICAGE. Hepatobiliary and Pancreatic Diseases International, 2018, 17, 283-285.	1.3	0
28	The impact of major extended donor criteria on graft failure and patient mortality after liver transplantation. Langenbeck's Archives of Surgery, 2018, 403, 719-731.	1.9	31
29	Life of a liver awaiting transplantation. Nature, 2018, 557, 40-41.	27.8	8
30	Beating the organ clock. Nature Biotechnology, 2018, 36, 488-492.	17.5	11
31	Getting warmer with liver transplants. Nature Biotechnology, 2018, 36, 504-504.	17.5	1
33	Twenty-four-hour normothermic perfusion of discarded human kidneys with urine recirculation. American Journal of Transplantation, 2019, 19, 178-192.	4.7	91
34	Machine perfusion for liver transplantation in the era of marginal organs—New kids on the block. Liver International, 2019, 39, 228-249.	3.9	72
35	Use of ex vivo normothermic machine perfusion after normothermic regional perfusion to salvage a poorly perfused DCD kidney. American Journal of Transplantation, 2019, 19, 3415-3419.	4.7	13
36	Avoiding initial hypothermia does not improve liver graft quality in a porcine donation after circulatory death (DCD) model of normothermic perfusion. PLoS ONE, 2019, 14, e0220786.	2.5	6
38	Procurement and Transplantation of Abdominal Organs in Clinical Practice. In Clinical Practice, 2019, , .	0.0	0
39	Graft glycocalyx degradation in human liver transplantation. PLoS ONE, 2019, 14, e0221010.	2.5	14
40	Machine Perfusion for Abdominal Organ Preservation: A Systematic Review of Kidney and Liver Human Grafts. Journal of Clinical Medicine, 2019, 8, 1221.	2.4	39
41	Organ preservation: which temperature for which organ?. Journal of International Medical Research, 2019, 47, 2323-2325.	1.0	11

#	ARTICLE	IF	CITATIONS
44	Systems engineering the organ preservation process for transplantation. <i>Current Opinion in Biotechnology</i> , 2019, 58, 192-201.	6.6	18
45	Impact of nighttime procedures on outcomes after liver transplantation. <i>PLoS ONE</i> , 2019, 14, e0220124.	2.5	15
46	High-Quality Biobanks: Pivotal Assets for Reproducibility of OMICS Data in Biomedical Translational Research. <i>Proteomics</i> , 2019, 19, e1800485.	2.2	11
47	Evolving Trends in Machine Liver Perfusion: Comments on Clinical End Points and Selection Criteria. <i>Gastroenterology</i> , 2019, 157, 1166-1167.	1.3	20
48	Watching the Clock in Donation After Circulatory Death Liver Transplantation. <i>Liver Transplantation</i> , 2019, 25, 1305-1307.	2.4	0
49	Normothermic perfusion and outcomes after liver transplantation. <i>Transplantation Reviews</i> , 2019, 33, 200-208.	2.9	25
50	Hypothermic Oxygenated Machine Perfusion of Liver Grafts from Brain-Dead Donors. <i>Scientific Reports</i> , 2019, 9, 9337.	3.3	81
51	Hepatology through the crystal ball. <i>Hepatology International</i> , 2019, 13, 403-406.	4.2	2
52	Postreperfusion syndrome, hyperkalemia and machine perfusion in liver transplantation. <i>Translational Gastroenterology and Hepatology</i> , 2019, 4, 68-68.	3.0	8
53	Liver graft rejection following immune checkpoint inhibitors treatment: a review. <i>Medical Oncology</i> , 2019, 36, 94.	2.5	27
54	Machine perfusion strategies in liver transplantation. <i>Hepatobiliary Surgery and Nutrition</i> , 2019, 8, 490-501.	1.5	39
55	University of Modena Experience With Liver Grafts From Donation After Circulatory Death: What Really Matters in Organ Selection?. <i>Transplantation Proceedings</i> , 2019, 51, 2967-2970.	0.6	10
56	The impact on the bioenergetic status and oxidative-mediated tissue injury of a combined protocol of hypothermic and normothermic machine perfusion using an acellular haemoglobin-based oxygen carrier: The cold-to-warm machine perfusion of the liver. <i>PLoS ONE</i> , 2019, 14, e0224066.	2.5	25
57	Improving intraoperative storage conditions for autologous bone grafts: An experimental investigation in mice. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 2169-2180.	2.7	8
58	Survival advantage for patients accepting the offer of a circulatory death liver transplant. <i>Journal of Hepatology</i> , 2019, 70, 855-865.	3.7	69
59	Subnormothermic Machine Perfusion of Steatotic Livers Results in Increased Energy Charge at the Cost of Anti-Oxidant Capacity Compared to Normothermic Perfusion. <i>Metabolites</i> , 2019, 9, 246.	2.9	12
61	Liver Machine Preservation: State of the Art. <i>Current Transplantation Reports</i> , 2019, 6, 221-233.	2.0	1
62	Systematic Review: Clinical Metabolomics to Forecast Outcomes in Liver Transplantation Surgery. <i>OMICS A Journal of Integrative Biology</i> , 2019, 23, 463-476.	2.0	12

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63	Cold Preflush of Porcine Kidney Grafts Prior to Normothermic Machine Perfusion Aggravates Ischemia Reperfusion Injury. Scientific Reports, 2019, 9, 13897.	3.3	10
64	The future of organ-oriented research and treatment. Hepatobiliary Surgery and Nutrition, 2019, 8, 502-505.	1.5	6
65	Organ preservation solution containing dissolved hydrogen gas from a hydrogen-absorbing alloy canister improves function of transplanted ischemic kidneys in miniature pigs. PLoS ONE, 2019, 14, e0222863.	2.5	20
66	Evolving Trends in Machine Perfusion for Liver Transplantation. Gastroenterology, 2019, 156, 1542-1547.	1.3	86
67	Evolution Under Normothermic Machine Perfusion of Type 2 Donation After Cardiac Death Livers Discarded as Nontransplantable. Journal of Surgical Research, 2019, 235, 383-394.	1.6	9
68	Increasing Donor Liver Utilization Through Machine Perfusion. Hepatology, 2019, 70, 431-433.	7.3	10
69	Inactivating hepatitis C virus in donor lungs using light therapies during normothermic ex vivo lung perfusion. Nature Communications, 2019, 10, 481.	12.8	86
71	Transient Cold Storage Prior to Normothermic Liver Perfusion May Facilitate Adoption of a Novel Technology. Liver Transplantation, 2019, 25, 1503-1513.	2.4	63
72	Continuous Resuscitation for Porcine Liver Transplantation From Donor After Cardiac Death. Transplantation Proceedings, 2019, 51, 1463-1467.	0.6	4
73	Stem Cells to Modulate IR: a Regenerative Medicine-Based Approach to Organ Preservation. Current Transplantation Reports, 2019, 6, 146-154.	2.0	0
74	The UK-DCD-Risk-Score - practical and new guidance for allocation of a specific organ to a recipient?. Expert Review of Gastroenterology and Hepatology, 2019, 13, 771-783.	3.0	12
75	Organ Preservation into the 2020s: The Era of Dynamic Intervention. Transfusion Medicine and Hemotherapy, 2019, 46, 151-172.	1.6	63
76	A promising ex vivo liver protection strategy: machine perfusion and repair. Hepatobiliary Surgery and Nutrition, 2019, 8, 142-143.	1.5	2
77	Rewarming Injury after Cold Preservation. International Journal of Molecular Sciences, 2019, 20, 2059.	4.1	36
78	Macrosteatosis is a huge problem in liver transplantation“however, not the only one we face. American Journal of Transplantation, 2019, 19, 2661-2662.	4.7	7
79	Rehabilitation of Discarded Steatotic Livers Using Ex Situ Normothermic Machine Perfusion: A Future Source of Livers for Transplantation. Liver Transplantation, 2019, 25, 991-992.	2.4	9
80	Predictor parameters of liver viability during porcine normothermic ex situ liver perfusion in a model of liver transplantation with marginal grafts. American Journal of Transplantation, 2019, 19, 2991-3005.	4.7	25
82	A34 EFFECT OF AUTOPHAGY INDUCTION VIA TRPML1 ACTIVATION ON HEPATIC STEATOSIS. Journal of the Canadian Association of Gastroenterology, 2019, 2, 68-69.	0.3	2

#	ARTICLE	IF	CITATIONS
83	Clearance of transaminases during normothermic ex situ liver perfusion. PLoS ONE, 2019, 14, e0215619.	2.5	17
84	Bioengineering approaches to organ preservation <i>ex vivo</i>. Experimental Biology and Medicine, 2019, 244, 630-645.	2.4	23
85	Ischaemia reperfusion injury in liver transplantation: Cellular and molecular mechanisms. Liver International, 2019, 39, 788-801.	3.9	214
86	Retrieval Practice or Overall Donor and Recipient Risk: What Impacts on Outcomes After Donation After Circulatory Death Liver Transplantation in the United Kingdom?. Liver Transplantation, 2019, 25, 545-558.	2.4	20
87	A late B lymphocyte action in dysfunctional tissue repair following kidney injury and transplantation. Nature Communications, 2019, 10, 1157.	12.8	65
88	Can hypothermic oxygenated perfusion (HOPE) rescue futile DCD liver grafts?. Hpb, 2019, 21, 1156-1165.	0.3	31
89	Liver transplantation with a normothermic machine preserved fatty nonagenarian liver: A case report. International Journal of Surgery Case Reports, 2019, 57, 163-166.	0.6	7
90	The future of organ perfusion and reâ€conditioning. Transplant International, 2019, 32, 586-597.	1.6	93
91	Emerging technologies in organ preservation, tissue engineering and regenerative medicine: a blessing or curse for transplantation?. Transplant International, 2019, 32, 673-685.	1.6	22
92	The development of an extended normothermic ex vivo reperfusion model of the sheep uterus to evaluate organ quality after cold ischemia in relation to uterus transplantation. Acta Obstetrica Et Gynecologica Scandinavica, 2019, 98, 1127-1138.	2.8	19
93	A Backâ€toâ€Base Experience of Human Normothermic Ex Situ Liver Perfusion: Does the Chill Kill?. Liver Transplantation, 2019, 25, 848-858.	2.4	54
94	Simulating Transplant Small-for-size Grafts Using Human Liver Monosegments: The Impact of Portal Perfusion Pressure. Transplantation Proceedings, 2019, 51, 919-924.	0.6	3
95	Damageâ€Associated Molecular Patterns Induce Inflammatory Injury During Machine Preservation of the Liver: Potential Targets to Enhance a Promising Technology. Liver Transplantation, 2019, 25, 610-626.	2.4	34
96	2018 Clinical Update in Liver Transplantation. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 3239-3248.	1.3	14
97	A liver in the hand is worth two in the bush: Survival disadvantage of declining older liver offers. American Journal of Transplantation, 2019, 19, 1879-1880.	4.7	1
98	Human Red Blood Cells as Oxygen Carriers to Improve Ex-Situ Liver Perfusion in a Rat Model. Journal of Clinical Medicine, 2019, 8, 1918.	2.4	12
99	Liver Transplantation Using Steatotic Grafts. Clinical Liver Disease, 2019, 14, 191-195.	2.1	9
100	Ex Situ Liver Machine Perfusion as an Emerging Graft Protective Strategy in Clinical Liver Transplantation: the Dawn of a New Era. Transplantation, 2019, 103, 2003-2011.	1.0	16

#	ARTICLE	IF	CITATIONS
101	Kidney Preservation. , 2019, , 128-138.		0
102	The impact of short-term machine perfusion on the risk of cancer recurrence after rat liver transplantation with donors after circulatory death. PLoS ONE, 2019, 14, e0224890.	2.5	5
103	Ex vivo perfusion-based engraftment of genetically engineered cell sensors into transplantable organs. PLoS ONE, 2019, 14, e0225222.	2.5	10
104	Normothermic Machine Perfusion Enhances Intraoperative Hepatocellular Synthetic Capacity: A Propensity Score-matched Analysis. Transplantation, 2019, 103, e198-e207.	1.0	13
105	Impact of Different Clinical Perfusates During Normothermic Ex Situ Liver Perfusion on Pig Liver Transplant Outcomes in a DCD Model. Transplantation Direct, 2019, 5, e437.	1.6	8
106	Oxygenation of Preserved Organs—Hot or Cold?. Transplantation, 2019, 103, 231-232.	1.0	0
107	Present and Future Perspectives of Using Human-Induced Pluripotent Stem Cells and Organoid Against Liver Failure. Cell Transplantation, 2019, 28, 160S-165S.	2.5	10
108	Succinate accumulation drives ischaemia-reperfusion injury during organ transplantation. Nature Metabolism, 2019, 1, 966-974.	11.9	103
109	Leveraging the zebrafish to model organ transplantation. Current Opinion in Organ Transplantation, 2019, 24, 613-619.	1.6	4
110	Oxygenated Preservation Solutions for Organ Preservation. Transplantation, 2019, 103, 233-234.	1.0	5
111	Repairing and Regenerating Organs for Transplantation Has Become a Reality. Transplantation, 2019, 103, 224-226.	1.0	1
112	Hypothermic Oxygenated Perfusion: A Simple and Effective Method to Modulate the Immune Response in Kidney Transplantation. Transplantation, 2019, 103, e128-e136.	1.0	29
113	Novel Triangular Tube for Ischemia-free Organ Transplantation. Transplantation Direct, 2019, 5, e435.	1.6	0
114	Machine Perfusion of Liver Grafts With Implantable Oxygen Biosensors: Proof of Concept Study in a Rodent Model. Transplantation Direct, 2019, 5, e463.	1.6	3
115	Brief Normothermic Machine Perfusion Rejuvenates Discarded Human Kidneys. Transplantation Direct, 2019, 5, e502.	1.6	29
116	Delayed Kidney Transplantation After 83 Hours of Cold Ischemia Time in Combined Liver-kidney Transplant. Transplantation, 2019, 103, e382-e383.	1.0	9
117	Transplantation of High-risk Donor Livers After Ex Situ Resuscitation and Assessment Using Combined Hypo- and Normothermic Machine Perfusion. Annals of Surgery, 2019, 270, 906-914.	4.2	161
118	Normothermic regional perfusion vs. super-rapid recovery in controlled donation after circulatory death liver transplantation. Journal of Hepatology, 2019, 70, 658-665.	3.7	193

#	ARTICLE	IF	CITATIONS
119	Gene Silencing With siRNA (RNA Interference): A New Therapeutic Option During Ex Vivo Machine Liver Perfusion Preservation. Liver Transplantation, 2019, 25, 140-151.	2.4	47
120	Normothermic Machine Perfusion (NMP) Inhibits Proinflammatory Responses in the Liver and Promotes Regeneration. Hepatology, 2019, 70, 682-695.	7.3	107
121	Pretransplant sequential hypo- and normothermic machine perfusion of suboptimal livers donated after circulatory death using a hemoglobin-based oxygen carrier perfusion solution. American Journal of Transplantation, 2019, 19, 1202-1211.	4.7	124
122	In situ normothermic perfusion of livers in controlled circulatory death donation may prevent ischemic cholangiopathy and improve graft survival. American Journal of Transplantation, 2019, 19, 1745-1758.	4.7	190
123	Age and liver transplantation. Journal of Hepatology, 2019, 70, 745-758.	3.7	186
124	Ex situ machine perfusion strategies in liver transplantation. Journal of Hepatology, 2019, 70, 203-205.	3.7	42
125	Small Bowel Transplantation. Surgical Clinics of North America, 2019, 99, 103-116.	1.5	45
126	Steatosis in Liver Transplantation: Current Limitations and Future Strategies. Transplantation, 2019, 103, 78-90.	1.0	71
127	Outcomes of DCD liver transplantation using organs treated by hypothermic oxygenated perfusion before implantation. Journal of Hepatology, 2019, 70, 50-57.	3.7	238
128	Improvement of Normothermic Ex Vivo Machine Perfusion of Rat Liver Grafts by Dialysis and Kupffer Cell Inhibition With Glycine. Liver Transplantation, 2019, 25, 275-287.	2.4	12
129	Bringing nature back: using hibernation to reboot organ preservation. FEBS Journal, 2019, 286, 1094-1100.	4.7	12
130	Pilot, Open, Randomized, Prospective Trial for Normothermic Machine Perfusion Evaluation in Liver Transplantation From Older Donors. Liver Transplantation, 2019, 25, 436-449.	2.4	98
131	Peritransplant VLA-4 blockade inhibits endogenous memory CD 8 T cell infiltration into high-risk cardiac allografts and CTLA-4lg resistant rejection. American Journal of Transplantation, 2019, 19, 998-1010.	4.7	3
132	Role of erythrocytes in short-term rewarming kidney perfusion after cold storage. Artificial Organs, 2019, 43, 584-592.	1.9	21
133	Current Status of Liver Transplantation Using Marginal Grafts. Journal of Investigative Surgery, 2020, 33, 553-564.	1.3	14
134	Hypothermic oxygenated perfusion for a steatotic liver graft. Hepatobiliary and Pancreatic Diseases International, 2020, 19, 88-90.	1.3	1
135	Using Marginal Grafts for Liver Transplantation: The Balance of Risk. Journal of Investigative Surgery, 2020, 33, 565-567.	1.3	6
136	Ex Situ Liver Machine Perfusion: The Impact of Fresh Frozen Plasma. Liver Transplantation, 2020, 26, 215-226.	2.4	35

#	ARTICLE	IF	CITATIONS
137	Optimizing organs for transplantation; advancements in perfusion and preservation methods. Transplantation Reviews, 2020, 34, 100514.	2.9	9
138	Impact of Machine Perfusion on Sinusoid Microcirculation of Liver Graft Donated After Cardiac Death. Journal of Surgical Research, 2020, 245, 410-419.	1.6	11
139	Liver Transplantation and Hepatobiliary Surgery. Updates in Surgery Series, 2020, , .	0.1	0
140	Development of a Rat Liver Machine Perfusion System for Normothermic and Subnormothermic Conditions. Tissue Engineering - Part A, 2020, 26, 57-65.	3.1	14
141	Initial perfusate purification during subnormothermic machine perfusion for porcine liver donated after cardiac death. Journal of Artificial Organs, 2020, 23, 62-69.	0.9	6
143	Pumping new life into old ideas: Preservation and rehabilitation of the liver using ex situ machine perfusion. Artificial Organs, 2020, 44, 123-128.	1.9	9
144	Transient Cold Storage Prior to Normothermic Liver Perfusion May Facilitate Adoption of a Novel Technology. Liver Transplantation, 2020, 26, 164-165.	2.4	2
145	Therapeutic targets for liver regeneration after acute severe injury: a preclinical overview. Expert Opinion on Therapeutic Targets, 2020, 24, 13-24.	3.4	7
146	Iron overload as a risk factor for hepatic ischemia-reperfusion injury in liver transplantation: Potential role of ferroptosis. American Journal of Transplantation, 2020, 20, 1606-1618.	4.7	146
147	A Comprehensive Review of Outcome Predictors in Low MELD Patients. Transplantation, 2020, 104, 242-250.	1.0	19
148	Pancreas preservation. , 2020, , 97-104.		0
149	Pancreatic islet isolation from donation after circulatory death pancreas. , 2020, , 471-482.		1
150	Cold Pulsatile Machine Perfusion Versus Static Cold Storage for Kidneys Donated After Circulatory Death: A Multicenter Randomized Controlled Trial. Transplantation, 2020, 104, 1019-1025.	1.0	11
151	Metabonomic Profile of Macrosteatotic Allografts for Orthotopic Liver Transplantation in Patients With Initial Poor Function: Mechanistic Investigation and Prognostic Prediction. Frontiers in Cell and Developmental Biology, 2020, 8, 826.	3.7	5
152	Metabolic Optimisation of Regulatory T Cells in Transplantation. Frontiers in Immunology, 2020, 11, 2005.	4.8	10
153	The Rise of the Machines: Will They Fulfill the Restoration Promise?. Liver Transplantation, 2020, 26, 1568-1570.	2.4	0
155	Human Small Intestine Transplantation: Segmental Susceptibility to Ischemia Using Different Preservation Solutions and Conditions. Transplantation Proceedings, 2020, 52, 2934-2940.	0.6	12
157	Response to: development of a machine perfusion device for cold-to-warm machine perfusion. Hpb, 2020, 22, 1370-1371.	0.3	0

#	ARTICLE	IF	CITATIONS
158	Assessment and Transplantation of Orphan Donor Livers: A Back-to-Base Approach to Normothermic Machine Perfusion. <i>Liver Transplantation</i> , 2020, 26, 1618-1628.	2.4	35
159	Pancreas preservation. <i>Current Opinion in Organ Transplantation</i> , 2020, Publish Ahead of Print, 329-335.	1.6	10
160	Precision transplant pathology. <i>Current Opinion in Organ Transplantation</i> , 2020, 25, 412-419.	1.6	6
161	Evaluation of Liver Quality after Circulatory Death versus Brain Death: A Comparative Preclinical Pig Model Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9040.	4.1	3
162	Anticoagulant Management and Synthesis of Hemostatic Proteins during Machine Preservation of Livers for Transplantation. <i>Seminars in Thrombosis and Hemostasis</i> , 2020, 46, 743-750.	2.7	6
163	Cost-utility analysis of normothermic liver perfusion with the OrganOx <i>metra</i> compared to static cold storage in the United Kingdom. <i>Journal of Medical Economics</i> , 2020, 23, 1284-1292.	2.1	23
164	From fatty hepatocytes to impaired bile flow: Matching model systems for liver biology and disease. <i>Biochemical Pharmacology</i> , 2020, 180, 114173.	4.4	7
165	Donation after Circulatory Death: Potential Mechanisms of Injury and Preventative Strategies. <i>Seminars in Liver Disease</i> , 2020, 40, 256-263.	3.6	3
167	Organ Restoration With Normothermic Machine Perfusion and Immune Reaction. <i>Frontiers in Immunology</i> , 2020, 11, 565616.	4.8	28
168	Lactate measurements in an integrated perfusion machine for human livers. <i>Nature Biotechnology</i> , 2020, 38, 1259-1259.	17.5	3
169	The effect of donor body mass index on graft function in liver transplantation: A systematic review. <i>Transplantation Reviews</i> , 2020, 34, 100571.	2.9	5
170	Novel Organ Perfusion and Preservation Strategies in Transplantation – Where Are We Going in the United Kingdom?. <i>Transplantation</i> , 2020, 104, 1813-1824.	1.0	31
171	Machine Perfusion of the Liver: Applications Beyond Transplantation. <i>Transplantation</i> , 2020, 104, 1804-1812.	1.0	11
172	One-week Perfusion of Human Livers: How Far Will We Go?. <i>Transplantation</i> , 2020, 104, 1756-1757.	1.0	2
173	Strategies in Organ Preservation – A New Golden Age. <i>Transplantation</i> , 2020, 104, 1753-1755.	1.0	11
174	Clinical Implementation of Prolonged Liver Preservation and Monitoring Through Normothermic Machine Perfusion in Liver Transplantation. <i>Transplantation</i> , 2020, 104, 1917-1928.	1.0	76
176	Novel Use of Normothermic Machine Perfusion of the Liver: A Strategy to Mitigate Unexpected Clinical Events. <i>Transplantation</i> , 2020, 104, e281-e282.	1.0	4
177	Extracellular Vesicles as a Novel Therapeutic Option in Liver Transplantation. <i>Liver Transplantation</i> , 2020, 26, 1522-1531.	2.4	17

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178	Review of Current Machine Perfusion Therapeutics for Organ Preservation. Transplantation, 2020, 104, 1792-1803.	1.0	56
179	Viability testing of discarded livers with normothermic machine perfusion: Alleviating the organ shortage outweighs the cost. Clinical Transplantation, 2020, 34, e14069.	1.6	24
180	Addressing organ shortages: progress in donation after circulatory death for liver transplantation. Canadian Journal of Surgery, 2020, 63, E135-E141.	1.2	8
181	Dual MicroRNA Blockade Increases Expression of Antioxidant Protective Proteins: Implications for Ischemia-Reperfusion Injury. Transplantation, 2020, 104, 1853-1861.	1.0	13
182	Hypothermic Ex Situ Perfusion of Human Limbs With Acellular Solution for 24 Hours. Transplantation, 2020, 104, e260-e270.	1.0	18
183	The Changing Landscapes in DCD Liver Transplantation. Current Transplantation Reports, 2020, 7, 194-204.	2.0	40
184	Preventing Tumour Recurrence after Liver Transplantation: The Role of Machine Perfusion. International Journal of Molecular Sciences, 2020, 21, 5791.	4.1	12
186	Making Every Liver Count. Annals of Surgery, 2020, 272, 397-401.	4.2	43
188	Necroptosis in Hepatosteatotic Ischaemia-Reperfusion Injury. International Journal of Molecular Sciences, 2020, 21, 5931.	4.1	21
189	Nonanastomotic Biliary Strictures After Liver Transplantation. American Surgeon, 2020, 86, 1363-1367.	0.8	8
190	Principles and current status of abdominal organ preservation for transplantation. Surgery in Practice and Science, 2020, 3, 100020.	0.4	2
191	Hyperoxia in portal vein causes enhanced vasoconstriction in arterial vascular bed. Scientific Reports, 2020, 10, 20966.	3.3	9
192	Predicting Early Hepatic Graft Failure—The Quest Continues. JAMA Surgery, 2020, 155, e204593.	4.3	1
193	Development and Validation of a Comprehensive Model to Estimate Early Allograft Failure Among Patients Requiring Early Liver Retransplant. JAMA Surgery, 2020, 155, e204095.	4.3	67
194	Danger signals in liver injury and restoration of homeostasis. Journal of Hepatology, 2020, 73, 933-951.	3.7	54
195	Impact of the elderly donor on an abdominal organ transplantation program. European Surgery - Acta Chirurgica Austriaca, 2020, 52, 223-228.	0.7	0
196	Donation after circulatory death liver transplantation: What are the limits for an acceptable DCD graft?. International Journal of Surgery, 2020, 82, 36-43.	2.7	13
197	Prospective, single-centre, randomised controlled trial to evaluate the efficacy and safety of ischaemia-free liver transplantation (IFLT) in the treatment of end-stage liver disease. BMJ Open, 2020, 10, e035374.	1.9	8

#	ARTICLE	IF	CITATIONS
198	Improvement of steatotic rat liver function with a defatting cocktail during ex situ normothermic machine perfusion is not directly related to liver fat content. PLoS ONE, 2020, 15, e0232886.	2.5	18
199	Expanding the donor pool for liver transplantation with marginal donors. International Journal of Surgery, 2020, 82, 30-35.	2.7	38
200	The role of normothermic machine perfusion in liver transplantation. International Journal of Surgery, 2020, 82, 52-60.	2.7	26
201	Normothermic Ex Vivo Liver Perfusion Prevents Intrahepatic Platelet Sequestration After Liver Transplantation. Transplantation, 2020, 104, 1177-1186.	1.0	6
202	Transplanting Marginal Organs in the Era of Modern Machine Perfusion and Advanced Organ Monitoring. Frontiers in Immunology, 2020, 11, 631.	4.8	81
203	Indocyanine Green Fluorescence Imaging to Predict Graft Survival After Orthotopic Liver Transplantation: A Pilot Study. Liver Transplantation, 2020, 26, 1263-1274.	2.4	9
204	A Systematic Review and Meta-Analysis of Machine Perfusion vs. Static Cold Storage of Liver Allografts on Liver Transplantation Outcomes: The Future Direction of Graft Preservation. Frontiers in Medicine, 2020, 7, 135.	2.6	30
205	The ultrastructural characteristics of bile canaliculus in porcine liver donated after cardiac death and machine perfusion preservation. PLoS ONE, 2020, 15, e0233917.	2.5	2
207	Continuous distribution as an organ allocation framework. Current Opinion in Organ Transplantation, 2020, 25, 115-121.	1.6	23
208	Shifting from donor to donor-recipient matching perspective in defining indications for machine perfusion in liver transplantation. Updates in Surgery, 2020, 72, 913-915.	2.0	4
209	Transplantation of discarded livers following viability testing with normothermic machine perfusion. Nature Communications, 2020, 11, 2939.	12.8	262
210	Long-term Outcomes After Controlled Oxygenated Rewarming of Human Livers Before Transplantation. Transplantation Direct, 2020, 6, e542.	1.6	7
211	Donation After Circulatory Death Is Associated With Similar Posttransplant Survival in All but the Highest-Risk Hepatocellular Carcinoma Patients. Liver Transplantation, 2020, 26, 1100-1111.	2.4	17
212	Machine Perfusion: Cold versus Warm, versus Neither. Update on Clinical Trials. Seminars in Liver Disease, 2020, 40, 264-281.	3.6	20
214	Hyperthermia-induced changes in liver physiology and metabolism: a rationale for hyperthermic machine perfusion. American Journal of Physiology - Renal Physiology, 2020, 319, G43-G50.	3.4	26
215	Machine Perfusions in Liver Transplantation: The Evidence-Based Position Paper of the Italian Society of Organ and Tissue Transplantation. Liver Transplantation, 2020, 26, 1298-1315.	2.4	35
216	Machine Perfusion of Extended Criteria Donor Organs: Immunological Aspects. Frontiers in Immunology, 2020, 11, 192.	4.8	20
217	Deregulation of the Purine Pathway in Pre-Transplant Liver Biopsies Is Associated with Graft Function and Survival after Transplantation. Journal of Clinical Medicine, 2020, 9, 711.	2.4	5

#	ARTICLE	IF	CITATIONS
218	Bile Composition as a Diagnostic and Prognostic Tool in Liver Transplantation. Liver Transplantation, 2020, 26, 1177-1187.	2.4	30
219	A Share 21 model in liver transplantation: Impact on waitlist outcomes. American Journal of Transplantation, 2020, 20, 2184-2197.	4.7	1
220	The Delivery of Multipotent Adult Progenitor Cells to Extended Criteria Human Donor Livers Using Normothermic Machine Perfusion. Frontiers in Immunology, 2020, 11, 1226.	4.8	40
221	The Human Immune Response to Cadaveric and Living Donor Liver Allografts. Frontiers in Immunology, 2020, 11, 1227.	4.8	19
222	Hypothermic machine perfusion is superior to static cold storage in deceased donor kidney transplantation: A meta-analysis. Clinical Transplantation, 2020, 34, e13814.	1.6	32
223	Essential updates 2018/2019: Liver transplantation. Annals of Gastroenterological Surgery, 2020, 4, 195-207.	2.4	6
224	Bile Biochemistry Following Liver Reperfusion in the Recipient and Its Association With Cholangiopathy. Liver Transplantation, 2020, 26, 1000-1009.	2.4	16
225	Biomarkers of Liver Injury during Transplantation in an Era of Machine Perfusion. International Journal of Molecular Sciences, 2020, 21, 1578.	4.1	18
226	Advances in resection and transplantation for hepatocellular carcinoma. Journal of Hepatology, 2020, 72, 262-276.	3.7	107
227	An integrated perfusion machine preserves injured human livers for 1 week. Nature Biotechnology, 2020, 38, 189-198.	17.5	228
228	Maximizing organs for donation: the potential for ex situ normothermic machine perfusion. QJM - Monthly Journal of the Association of Physicians, 2020, , .	0.5	4
229	Cell-free microRNAs as early predictors of graft viability during ex vivo normothermic machine perfusion of human donor livers. Clinical Transplantation, 2020, 34, e13790.	1.6	15
230	Split-Liver Ex Situ Machine Perfusion: A Novel Technique for Studying Organ Preservation and Therapeutic Interventions. Journal of Clinical Medicine, 2020, 9, 269.	2.4	16
231	Construction of Kevlar nanofiber/graphene oxide composite beads as safe, self-anticoagulant, and highly efficient hemoperfusion adsorbents. Journal of Materials Chemistry B, 2020, 8, 1960-1970.	5.8	21
232	Metabolic and lipidomic profiling of steatotic human livers during ex situ normothermic machine perfusion guides resuscitation strategies. PLoS ONE, 2020, 15, e0228011.	2.5	16
233	Ischemia-Reperfusion Injury in Marginal Liver Grafts and the Role of Hypothermic Machine Perfusion: Molecular Mechanisms and Clinical Implications. Journal of Clinical Medicine, 2020, 9, 846.	2.4	71
234	Moving the Margins: Updates on the Renaissance in Machine Perfusion for Organ Transplantation. Current Transplantation Reports, 2020, 7, 114-123.	2.0	2
235	Hypothermic Oxygenated New Machine Perfusion System in Liver and Kidney Transplantation of Extended Criteria Donors: First Italian Clinical Trial. Scientific Reports, 2020, 10, 6063.	3.3	61

#	ARTICLE	IF	CITATIONS
236	Urine Recirculation Improves Hemodynamics and Enhances Function in Normothermic Kidney Perfusion. Transplantation Direct, 2020, 6, e541.	1.6	11
237	The emergence of regenerative medicine in organ transplantation: 1st European Cell Therapy and Organ Regeneration Section meeting. Transplant International, 2020, 33, 833-840.	1.6	15
238	Donation after circulatory death liver transplantation: consensus statements from the Spanish Liver Transplantation Society. Transplant International, 2020, 33, 902-916.	1.6	28
239	Ex vivo limb perfusion for traumatic amputation in military medicine. Military Medical Research, 2020, 7, 21.	3.4	5
240	The Role of Ischemia/Reperfusion Injury in Early Hepatic Allograft Dysfunction. Liver Transplantation, 2020, 26, 1034-1048.	2.4	59
241	The expanding use and potential of normothermic perfusion technology. American Journal of Transplantation, 2020, 20, 911-912.	4.7	4
242	Normothermic Machine Perfusion (NMP) of the Liver as a Platform for Therapeutic Interventions during Ex-Vivo Liver Preservation: A Review. Journal of Clinical Medicine, 2020, 9, 1046.	2.4	37
243	Top Papers in Liver Transplantation 2017-2018. Transplantation Proceedings, 2021, 53, 620-623.	0.6	1
244	Novel delivery of cellular therapy to reduce ischemia reperfusion injury in kidney transplantation. American Journal of Transplantation, 2021, 21, 1402-1414.	4.7	46
245	Cell therapy during machine perfusion. Transplant International, 2021, 34, 49-58.	1.6	9
246	Methane supplementation improves graft function in experimental heart transplantation. Journal of Heart and Lung Transplantation, 2021, 40, 183-192.	0.6	5
247	Microvascular obstructions in portal bile duct capillaries and hepatic sinusoids during normothermic machine perfusion of marginal human livers. American Journal of Transplantation, 2021, 21, 1662-1664.	4.7	4
248	Early and long-term outcomes of liver transplantation with rescue allocation grafts. Clinical Transplantation, 2021, 35, e14046.	1.6	1
249	Ischemia-reperfusion injury and its relationship with early allograft dysfunction in liver transplant patients. American Journal of Transplantation, 2021, 21, 614-625.	4.7	71
250	Mitochondria as Therapeutic Targets in Transplantation. Trends in Molecular Medicine, 2021, 27, 185-198.	6.7	45
251	The use of third-party packed red blood cells during ex situ normothermic machine perfusion of organs for transplantation: Underappreciated complexities?. American Journal of Transplantation, 2021, 21, 1376-1381.	4.7	1
252	Bile formation in long-term (1 week), ex situ perfused livers: Analysis and commentary. Surgery, 2021, 169, 1551-1552.	1.9	0
253	Hypothermic Oxygenated Perfusion Improves Extended Criteria Donor Liver Graft Function and Reduces Duration of Hospitalization Without Extra Cost: The PERPHO Study. Liver Transplantation, 2021, 27, 349-362.	2.4	39

#	ARTICLE	IF	CITATIONS
254	Opt-out policy and the organ shortage problem: Critical insights and practical considerations. Transplantation Reviews, 2021, 35, 100589.	2.9	9
255	Comparable graft survival is achievable with the usage of donation after circulatory death liver grafts from donors at or above 70 years of age: A long-term UK national analysis. American Journal of Transplantation, 2021, 21, 2200-2210.	4.7	14
256	Ex vivo machine perfusion: current applications and future directions in liver transplantation. Langenbeck's Archives of Surgery, 2021, 406, 39-54.	1.9	16
257	A Call for Randomization in Clinical Trials of Liver Machine Perfusion Preservation. Hepatology, 2021, 73, 2586-2591.	7.3	5
258	Early Allograft Dysfunction Increases Hospital Associated Costs After Liver Transplantation—A Propensity Score—Matched Analysis. Hepatology Communications, 2021, 5, 526-537.	4.3	12
259	The Actual Operative Costs of Liver Transplantation and Normothermic Machine Perfusion in a Canadian Setting. Pharmacoeconomics - Open, 2021, 5, 311-318.	1.8	15
260	Cytokine absorption during human kidney perfusion reduces delayed graft function—associated inflammatory gene signature. American Journal of Transplantation, 2021, 21, 2188-2199.	4.7	38
261	Immunological organ modification during Ex Vivo machine perfusion: The future of organ acceptance. Transplantation Reviews, 2021, 35, 100586.	2.9	8
262	Expanding the Scope of Donation After Circulatory Death Liver Transplantation. Liver Transplantation, 2021, 27, 325-326.	2.4	1
263	Sequential Use of Normothermic Regional and Ex Situ Machine Perfusion in Donation After Circulatory Death Liver Transplant. Liver Transplantation, 2021, 27, 385-402.	2.4	49
264	Multicenter validation of the liver graft assessment following transplantation (L-GrAFT) score for assessment of early allograft dysfunction. Journal of Hepatology, 2021, 74, 881-892.	3.7	35
265	Avancées de la conservation des greffons destinés à la transplantation. Bulletin De L'Academie Nationale De Medecine, 2021, 205, 49-57.	0.0	0
266	Research progress on hepatic machine perfusion. International Journal of Medical Sciences, 2021, 18, 1953-1959.	2.5	3
268	Steatotic livers for transplantation: improving utilization of a prevalent resource through organ repair. , 2021, , 247-256.		0
269	Methaemoglobinaemia Can Complicate Normothermic Machine Perfusion of Human Livers. Frontiers in Surgery, 2021, 8, 634777.	1.4	3
270	Machine perfusion for donor organ repair: from vision to everyday clinical practice. , 2021, , 43-73.		2
271	Brief History of Pediatric Liver Transplantation. , 2021, , 2-7.		0
272	Assessment of extended criteria liver grafts during machine perfusion. How far can we go?. , 2021, , 169-188.		0

#	ARTICLE	IF	CITATIONS
273	BJS commission on surgery and perioperative care post-COVID-19. British Journal of Surgery, 2021, 108, 1162-1180.	0.3	12
274	Autologous cells for renal allograft repair. , 2021, , 95-114.		0
275	Repairing organs with MSC. , 2021, , 115-134.		0
276	Bio-inspired Ice-controlling Materials for Cryopreservation of Cells and Tissues. Acta Chimica Sinica, 2021, 79, 729.	1.4	1
277	Viability Assessment in Liver Transplantationâ€”What Is the Impact of Dynamic Organ Preservation?. Biomedicines, 2021, 9, 161.	3.2	47
278	Cholangiocyte organoids can repair bile ducts after transplantation in the human liver. Science, 2021, 371, 839-846.	12.6	170
279	Primary Nonfunction of the Liver Allograft. Transplantation, 2022, 106, 117-128.	1.0	23
280	Tryptophan Metabolism via Kynurenine Pathway: Role in Solid Organ Transplantation. International Journal of Molecular Sciences, 2021, 22, 1921.	4.1	11
281	Ex situ Normothermic Split Liver Machine Perfusion: Protocol for Robust Comparative Controls in Liver Function Assessment Suitable for Evaluation of Novel Therapeutic Interventions in the Pre-clinical Setting. Frontiers in Surgery, 2021, 8, 627332.	1.4	9
282	Hemorheological and Microcirculatory Factors in Liver Ischemia-Reperfusion Injuryâ€”An Update on Pathophysiology, Molecular Mechanisms and Protective Strategies. International Journal of Molecular Sciences, 2021, 22, 1864.	4.1	21
283	Expanding controlled donation after the circulatory determination of death: statement from an international collaborative. Intensive Care Medicine, 2021, 47, 265-281.	8.2	80
284	Beyond Ice and the Cooler. Clinics in Liver Disease, 2021, 25, 179-194.	2.1	7
285	Reply to â€”Hypothermic machine perfusion before viability testing of previously discarded human liversâ€™. Nature Communications, 2021, 12, 1015.	12.8	3
286	A Novel Multidrug Combination Mitigates Rat Liver Steatosis Through Activating AMPK Pathway During Normothermic Machine Perfusion. Transplantation, 2021, 105, e215-e225.	1.0	11
287	Evaluation of the ex vivo liver viability using a nuclear magnetic resonance relaxation time-based assay in a porcine machine perfusion model. Scientific Reports, 2021, 11, 4117.	3.3	4
288	Body Protein Sparing in Hibernators: A Source for Biomedical Innovation. Frontiers in Physiology, 2021, 12, 634953.	2.8	15
289	Ex-situ liver preservation with machine preservation. Current Opinion in Organ Transplantation, 2021, 26, 121-132.	1.6	3
290	A marginal liver graft with hyperbilirubinemia transplanted successfully by ischemia-free liver transplantation. Annals of Translational Medicine, 2021, 9, 425-425.	1.7	2

#	ARTICLE	IF	CITATIONS
291	Design, Analysis, and Pitfalls of Clinical Trials Using Ex Situ Liver Machine Perfusion: The International Liver Transplantation Society Consensus Guidelines. <i>Transplantation</i> , 2021, 105, 796-815.	1.0	50
292	Risk factors and impact of early anastomotic biliary complications after liver transplantation: UK registry analysis. <i>BJS Open</i> , 2021, 5, .	1.7	8
294	Impact of the COVID-19 pandemic on liver donation and transplantation: A review of the literature. <i>World Journal of Gastroenterology</i> , 2021, 27, 928-938.	3.3	13
295	Surgical Techniques of Multiorgan Procurement from a Deceased Donor. , 0, , .		0
296	Ex vivo normothermic perfusion of isolated segmental porcine bowel: a novel functional model of the small intestine. <i>BJS Open</i> , 2021, 5, .	1.7	10
297	Current review of machine perfusion in liver transplantation from the Japanese perspective. <i>Surgery Today</i> , 2022, 52, 359-368.	1.5	2
298	Long-Term Outcomes of Early Experience in Donation After Circulatory Death Liver Transplantation: Outcomes at 10 Years. <i>Annals of Transplantation</i> , 2021, 26, e930243.	0.9	6
299	Coagulation Factors Accumulate During Normothermic Liver Machine Perfusion Regardless of Donor Type and Severity of Ischemic Injury. <i>Transplantation</i> , 2022, 106, 510-518.	1.0	11
302	Machine Perfusion of the Liver: A Review of Clinical Trials. <i>Frontiers in Surgery</i> , 2021, 8, 625394.	1.4	18
303	Machine perfusion of donor organs for transplantation. <i>Artificial Organs</i> , 2021, 45, 682-695.	1.9	20
305	Mitochondrial Consequences of Organ Preservation Techniques during Liver Transplantation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2816.	4.1	12
306	The Endothelial Glycocalyx and Organ Preservationâ€”From Physiology to Possible Clinical Implications for Solid Organ Transplantation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4019.	4.1	12
307	Hypothermic Machine Perfusion in Liver Transplantation â€” A Randomized Trial. <i>New England Journal of Medicine</i> , 2021, 384, 1391-1401.	27.0	305
308	Bile formation in long-term ex situ perfused livers. <i>Surgery</i> , 2021, 169, 894-902.	1.9	11
309	Reply. <i>Liver Transplantation</i> , 2021, 27, 602-603.	2.4	0
310	Recent advances in liver transplantation. <i>Frontline Gastroenterology</i> , 2022, 13, flgastro-2020-101425.	1.8	4
311	Inflammatory processes in the liver: divergent roles in homeostasis and pathology. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1375-1386.	10.5	32
312	Automated Insulin Delivery - Continuous Blood Glucose Control During<i>Ex Situ</i>Liver Perfusion. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 1399-1408.	4.2	7

#	ARTICLE	IF	CITATIONS
313	Trials & Tribulations of Liver Transplantation—are trials now prohibitive without surrogate endpoints?. Liver Transplantation, 2021, 27, 747-755.	2.4	4
314	Warming Up to Cold Perfusion. New England Journal of Medicine, 2021, 384, 1458-1459.	27.0	10
315	Working towards an ERAS Protocol for Pancreatic Transplantation: A Narrative Review. Journal of Clinical Medicine, 2021, 10, 1418.	2.4	4
316	Role of vasodilation in liver regeneration and health. Biological Chemistry, 2021, 402, 1009-1019.	2.5	5
317	Renal Normothermic Machine Perfusion: The Road Toward Clinical Implementation of a Promising Pretransplant Organ Assessment Tool. Transplantation, 2022, 106, 268-279.	1.0	29
318	Ischemia-Reperfusion Injuries Assessment during Pancreas Preservation. International Journal of Molecular Sciences, 2021, 22, 5172.	4.1	12
319	Anaphylaxis to Machine Perfusion Substrate at Reperfusion: A Cautionary Tale. Transplantation Direct, 2021, 7, e696.	1.6	1
320	The Emerging Role of Viability Testing During Liver Machine Perfusion. Liver Transplantation, 2022, 28, 876-886.	2.4	28
321	Ex Vivo Mesenchymal Stem Cell Therapy to Regenerate Machine Perfused Organs. International Journal of Molecular Sciences, 2021, 22, 5233.	4.1	8
322	Point-of-Care Assessment of DCD Livers During Normothermic Machine Perfusion in a Nonhuman Primate Model. Hepatology Communications, 2021, 5, 1527-1542.	4.3	7
323	Static cold storage compared with normothermic machine perfusion of the liver and effect on ischaemic-type biliary lesions after transplantation: a propensity score-matched study. British Journal of Surgery, 2021, 108, 1082-1089.	0.3	43
324	Surgery: An old profession with an expanding future. Journal of Visceral Surgery, 2021, 158, S1-S3.	0.8	1
325	Perioperative Perfusion of Allografts with Anti-Human T-lymphocyte Globulin Does Not Improve Outcome Post Liver Transplantation—a Randomized Placebo-Controlled Trial. Journal of Clinical Medicine, 2021, 10, 2816.	2.4	0
326	Consensus statement on normothermic regional perfusion in donation after circulatory death: Report from the European Society for Organ Transplantation's Transplant Learning Journey. Transplant International, 2021, 34, 2019-2030.	1.6	41
328	Defatting strategies in the current era of liver steatosis. JHEP Reports, 2021, 3, 100265.	4.9	11
330	Comment on “Hypothermic machine perfusion in liver transplantation” a randomized trial. Hepatobiliary Surgery and Nutrition, 2021, 10, 364-366.	1.5	0
331	Innovations in liver transplantation in 2020, position of the Belgian Liver Intestine Advisory Committee (BeLIAC). Acta Gastro-Enterologica Belgica, 2021, 84, 347-359.	1.0	3
332	Sources and prevention of graft infection during long-term ex situ liver perfusion. Transplant Infectious Disease, 2021, 23, e13623.	1.7	11

#	ARTICLE	IF	CITATIONS
333	Thrombolytic Therapy During ex-vivo Normothermic Machine Perfusion of Human Livers Reduces Peribiliary Vascular Plexus Injury. <i>Frontiers in Surgery</i> , 2021, 8, 644859.	1.4	14
334	Normothermic Ex Situ Liver Perfusion Enhances Mitochondrial Function of DCD Grafts as Evidenced by High-throughput Metabolomics. <i>Transplantation</i> , 2021, 105, 1530-1538.	1.0	4
335	Contemporary strategies to assess and manage liver donor steatosis: a review. <i>Current Opinion in Organ Transplantation</i> , 2021, 26, 474-481.	1.6	4
336	Endogenous memory T cells with donor reactivity: early post-transplant mediators of acute graft injury in unsensitized recipients. <i>Transplant International</i> , 2021, 34, 1360-1373.	1.6	3
337	Liver regeneration and inflammation: from fundamental science to clinical applications. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 608-624.	37.0	122
338	Perfusate Enzymes and Platelets Indicate Early Allograft Dysfunction After Transplantation of Normothermically Preserved Livers. <i>Transplantation</i> , 2022, 106, 792-805.	1.0	25
339	Rapid Metabolic Recovery of Donor Circulatory Death Liver Graft Using Whole Blood Perfusion: A Pig Study. <i>Transplantation Direct</i> , 2021, 7, e712.	1.6	3
340	New Insights in Mechanisms and Therapeutics for Short- and Long-Term Impacts of Hepatic Ischemia Reperfusion Injury Post Liver Transplantation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8210.	4.1	30
341	Synthesis of coagulation factors during long-term ex situ liver perfusion. <i>Artificial Organs</i> , 2022, 46, 273-280.	1.9	7
342	Transplantation of discarded livers: the complementary role of normothermic regional perfusion. <i>Nature Communications</i> , 2021, 12, 4471.	12.8	6
343	Conditional probability of graft survival in liver transplantation using donation after circulatory death grafts – a retrospective study. <i>Transplant International</i> , 2021, 34, 1433-1443.	1.6	8
344	Methods of Attenuating Ischemia-Reperfusion Injury in Liver Transplantation for Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8229.	4.1	10
345	Normothermic Machine Perfusion (NMP) of the Liver – Current Status and Future Perspectives. <i>Annals of Transplantation</i> , 2021, 26, e931664.	0.9	17
346	Taking the Temperature on Machine Perfusion. <i>Current Transplantation Reports</i> , 2021, 8, 241-249.	2.0	2
347	Expression of MICA in Zero Hour Biopsies Predicts Graft Survival After Liver Transplantation. <i>Frontiers in Immunology</i> , 2021, 12, 606146.	4.8	3
348	Hypothermic Oxygenated Machine Perfusion Reduces Early Allograft Injury and Improves Post-transplant Outcomes in Extended Criteria Donation Liver Transplantation From Donation After Brain Death. <i>Annals of Surgery</i> , 2021, 274, 705-712.	4.2	118
349	Machine perfusion in liver transplantation: a network meta-analysis. <i>The Cochrane Library</i> , 2021, 2021, .	2.8	1
350	How Machine Perfusion Ameliorates Hepatic Ischaemia Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7523.	4.1	11

#	ARTICLE	IF	CITATIONS
351	Long-term Normothermic Machine Preservation of Partial Livers: First Experience With 21 Human Hemi-livers. <i>Annals of Surgery</i> , 2021, 274, 836-842.	4.2	25
352	Transplant Trial Watch. <i>Transplant International</i> , 2021, 34, 1171-1173.	1.6	0
353	En bloc procurement of porcine abdominal multiple organ block for ex situ normothermic machine perfusion: a technique for avoiding initial cold preservation. <i>Annals of Translational Medicine</i> , 2021, 9, 1116-1116.	1.7	3
354	Postâ€‘Liver Transplant Early Allograft Dysfunction Modifies the Effect of Preâ€‘Liver Transplant Renal Dysfunction on Postâ€‘Liver Transplant Survival. <i>Liver Transplantation</i> , 2021, 27, 1291-1301.	2.4	3
355	Liver viability using normothermic regional perfusion in uncontrolled donation after circulatory death deserves a multiâ€‘parametric assessment. <i>Clinical Transplantation</i> , 2021, 35, e14428.	1.6	3
356	Early Allograft Dysfunction and Complications in DCD Liver Transplantation: Expert Consensus Statements From the International Liver Transplantation Society. <i>Transplantation</i> , 2021, 105, 1643-1652.	1.0	13
357	Cost-utility analysis of normothermic machine perfusion compared to static cold storage in liver transplantation in the Canadian setting. <i>American Journal of Transplantation</i> , 2022, 22, 541-551.	4.7	26
358	Hypothermic Machine Perfusion in Liver Transplantation. <i>New England Journal of Medicine</i> , 2021, 385, 766-768.	27.0	1
359	Radiologic Classification of Distinct Patterns of Non-Anastomotic Strictures; can we Predict the Course of the Disease?. <i>Transplantation</i> , 2021, Publish Ahead of Print, .	1.0	0
360	Hyperspectral Imaging and Machine Perfusion in Solid Organ Transplantation: Clinical Potentials of Combining Two Novel Technologies. <i>Journal of Clinical Medicine</i> , 2021, 10, 3838.	2.4	8
361	Dual Versus Single Oxygenated Hypothermic Machine Perfusion of Porcine Livers: Impact on Hepatobiliary and Endothelial Cell Injury. <i>Transplantation Direct</i> , 2021, 7, e741.	1.6	15
362	State-of-the-art surgery for hepatocellular carcinoma. <i>Langenbeck's Archives of Surgery</i> , 2021, 406, 2151-2162.	1.9	12
363	Human liver stem cellâ€‘derived extracellular vesicles reduce injury in a model of normothermic machine perfusion of rat livers previously exposed to a prolonged warm ischemia. <i>Transplant International</i> , 2021, 34, 1607-1617.	1.6	20
364	Effects of Subnormothermic Regulated Hepatic Reperfusion on Mitochondrial and Transcriptomic Profiles in a Porcine Model. <i>Annals of Surgery</i> , 2023, 277, e366-e375.	4.2	4
365	Hypothermic Oxygenated Machine Perfusion Protects From Cholangiopathy in Donation after Circulatory Death Liver Transplantation. <i>Hepatology</i> , 2021, 74, 3525-3528.	7.3	5
367	Interleukinâ€‘10 and Transforming Growth Factorâ€‘ β Cytokines Decrease Immune Activation During Normothermic Ex Vivo Machine Perfusion of the Rat Liver. <i>Liver Transplantation</i> , 2021, 27, 1577-1591.	2.4	10
368	Transplantation of kidneys after normothermic perfusion: A single center experience. <i>Clinical Transplantation</i> , 2021, 35, e14431.	1.6	11
369	Outcome measures in solid organ donor management research: a systematic review. <i>British Journal of Anaesthesia</i> , 2021, 127, 745-759.	3.4	0

#	ARTICLE	IF	CITATIONS
370	Advanced technologies for the preservation of mammalian biospecimens. Nature Biomedical Engineering, 2021, 5, 793-804.	22.5	23
371	Development of ex situ normothermic reperfusion as an innovative method to assess pancreases after preservation. Transplant International, 2021, 34, 1630-1642.	1.6	6
372	Cross-Circulation for Extracorporeal Liver Support in a Swine Model. ASAIO Journal, 2022, 68, 561-570.	1.6	3
373	Clinical assessment of liver metabolism during hypothermic oxygenated machine perfusion using microdialysis. Artificial Organs, 2022, 46, 281-295.	1.9	24
374	Novel Composite Endpoint for Assessing Outcomes in Liver Transplantation: Arterial and Biliary Complicationâ€”Free Survival. Liver Transplantation, 2022, 28, 75-87.	2.4	4
375	Ex situ machine preservation of donor livers for transplantation: HOPE for all?. British Journal of Surgery, 2021, 108, 1139-1141.	0.3	5
376	Heterogeneous indications and the need for viability assessment: An international survey on the use of machine perfusion in liver transplantation. Artificial Organs, 2022, 46, 296-305.	1.9	15
377	A systematic review and metaâ€”analyses of regional perfusion in donation after circulatory death solid organ transplantation. Transplant International, 2021, 34, 2046-2060.	1.6	56
378	Incremental Improvements in Machine Perfusion. Transplantation, 2021, Publish Ahead of Print, .	1.0	1
379	Inferior outcomes in young adults undergoing liver transplantation â€” a UK and Ireland cohort study. Transplant International, 2021, 34, 2274-2285.	1.6	3
380	Intraoperative Low-Dose Dexmedetomidine Administration Associated with Reduced Hepatic Ischemia-Reperfusion Injury in Pediatric Deceased Liver Transplantation: A Retrospective Cohort Study. Annals of Transplantation, 2021, 26, e933354.	0.9	4
381	Implementation and design of customized ex vivo machine perfusion. Analysis of its first results. Artificial Organs, 2021, , .	1.9	3
382	Minimizing Ischemia Reperfusion Injury in Xenotransplantation. Frontiers in Immunology, 2021, 12, 681504.	4.8	14
383	Machine Perfusion in Liver Transplantation. Advances in Surgery, 2021, 55, 175-195.	1.3	2
384	Persufflationâ€”Current State of Play. Transplantology, 2021, 2, 362-378.	0.6	1
385	Transplantation of Extended Criteria Donor Livers Following Continuous Normothermic Machine Perfusion Without Recooling. Transplantation, 2022, 106, 1193-1200.	1.0	9
386	The prognostic significance of serum aspartate transaminase and gammaâ€”glutamyl transferase in liver deceased donors. Transplant International, 2021, 34, 2247-2256.	1.6	5
387	Machine perfusion of the liver: Putting the puzzle pieces together. World Journal of Gastroenterology, 2021, 27, 5727-5736.	3.3	3

#	ARTICLE	IF	CITATIONS
388	Liver transplantation for non-resectable colorectal liver metastases: the International Hepato-Pancreato-Biliary Association consensus guidelines. The Lancet Gastroenterology and Hepatology, 2021, 6, 933-946.	8.1	73
389	Steroid pretreatment of deceased donors and liver allograft function - Ten years follow-up of a blinded randomized placebo controlled trial. International Journal of Surgery, 2021, 94, 106095.	2.7	0
390	The potential of Senolytics in transplantation. Mechanisms of Ageing and Development, 2021, 200, 111582.	4.6	11
391	Ischemia-free liver transplantation. Is this the right answer to overpass organ shortage and post-liver transplant complications?. The Lancet Regional Health - Western Pacific, 2021, 16, 100263.	2.9	5
392	Ischaemia-free liver transplantation in humans: a first-in-human trial. The Lancet Regional Health - Western Pacific, 2021, 16, 100260.	2.9	21
393	Extended criteria grafts and emerging therapeutics strategy in liver transplantation. The unstable balance between damage and repair. Transplantation Reviews, 2021, 35, 100639.	2.9	19
394	Lung Transplantation in Children. , 2022, , 363-374.		0
395	Assessing and reconditioning kidneys using normothermic machine perfusion. , 2021, , 75-93.		0
396	Liver transplant outcomes after <i>ex vivo</i> machine perfusion: a meta-analysis. British Journal of Surgery, 2021, 108, 1409-1416.	0.3	17
397	Evolving utilization of donation after circulatory death livers in liver transplantation: The day of DCD has come. Clinical Transplantation, 2021, 35, e14211.	1.6	20
398	Use of machine perfusion in livers showing steatosis prior to transplantation: a systematic review. Updates in Surgery, 2020, 72, 595-604.	2.0	7
399	Hypothermic oxygenated perfusion protects from mitochondrial injury before liver transplantation. EBioMedicine, 2020, 60, 103014.	6.1	111
400	Cold-to-warm machine perfusion of the liver: a novel circuit for an uninterrupted combined perfusion protocol. Hpb, 2020, 22, 927-933.	0.3	5
401	Subzero non-frozen preservation of human livers in the supercooled state. Nature Protocols, 2020, 15, 2024-2040.	12.0	31
402	Composite Tissue Preservation. Annals of Plastic Surgery, 2020, 84, 711-716.	0.9	4
403	Changing Trends in Liver Transplantation: Challenges and Solutions. Transplantation, 2021, 105, 743-756.	1.0	24
405	Evaluation Using an Isolated Reperfusion Model for Porcine Liver Donated After Cardiac Death Preserved with Oxygenated Hypothermic Machine Perfusion. Annals of Transplantation, 2018, 23, 822-827.	0.9	12
406	First Preliminary Experience with Preservation of Liver Grafts from Extended-Criteria Donors by Normothermic Machine Perfusion in Asia. Annals of Transplantation, 2020, 25, e921529.	0.9	11

#	ARTICLE	IF	CITATIONS
407	Hypothermic Oxygenated Perfusion Versus Static Cold Storage for Expanded Criteria Donors in Liver and Kidney Transplantation: Protocol for a Single-Center Randomized Controlled Trial. JMIR Research Protocols, 2020, 9, e13922.	1.0	12
408	Liver graft from donation after circulatory death donor: Real practice to improve graft viability. Clinical and Molecular Hepatology, 2020, 26, 401-410.	8.9	7
409	Restoring Mitochondrial Function While Avoiding Redox Stress: The Key to Preventing Ischemia/Reperfusion Injury in Machine Perfused Liver Grafts?. International Journal of Molecular Sciences, 2020, 21, 3132.	4.1	36
410	New Insights in Molecular Mechanisms and Pathophysiology of Ischemia-Reperfusion Injury 2.0: An Updated Overview. International Journal of Molecular Sciences, 2021, 22, 28.	4.1	7
411	Crocetin protects against fulminant hepatic failure induced by lipopolysaccharide/D-α-galactosamine by decreasing apoptosis, inflammation and oxidative stress in a rat model. Experimental and Therapeutic Medicine, 2019, 18, 3775-3782.	1.8	10
412	Liver preservation prior to transplantation: Past, present, and future. World Journal of Gastrointestinal Surgery, 2019, 11, 122-125.	1.5	4
413	Liver graft preservation methods during cold ischemia phase and normothermic machine perfusion. World Journal of Gastrointestinal Surgery, 2019, 11, 126-142.	1.5	23
414	Concise review of machine perfusion in liver transplantation. World Journal of Hepatology, 2020, 12, 6-9.	2.0	5
415	Therapeutics administered during <i>ex vivo</i> liver machine perfusion: An overview. World Journal of Transplantation, 2020, 10, 1-14.	1.6	17
416	Machine perfusion in abdominal organ transplantation: Current use in the Netherlands. World Journal of Transplantation, 2020, 10, 15-28.	1.6	14
417	Impact of machine perfusion of the liver on post-transplant biliary complications: A systematic review. World Journal of Transplantation, 2018, 8, 220-231.	1.6	17
418	Machine perfusion of the liver: Which is the best technique to mitigate ischaemia-reperfusion injury?. World Journal of Transplantation, 2019, 9, 14-20.	1.6	35
419	Hepatic ischemia-reperfusion injury in liver transplant setting: mechanisms and protective strategies. Journal of Biomedical Research, 2019, 33, 221.	1.6	65
420	Support for Ex Vivo Organ Perfusion in Kidney and Liver Transplantation. Current Transplantation Reports, 2021, 8, 333-343.	2.0	0
421	Introduction of the Concept of Diagnostic Sensitivity and Specificity of Normothermic Perfusion Protocols to Assess High-Risk Donor Livers. Liver Transplantation, 2022, 28, 794-806.	2.4	14
422	“Warm transplants” save livers and lives. Nature, 0, , .	27.8	0
426	Response to the Comment on “Improvement in Liver Transplant Outcomes From Older Donors: A US National Analysis”: Annals of Surgery, 2021, 274, e668.	4.2	0
427	In <i>vitro</i> differentiation of rhesus macaque bone marrow- and adipose tissue-derived MSCs into hepatocyte-like cells. Experimental and Therapeutic Medicine, 2020, 20, 251-260.	1.8	5

#	ARTICLE	IF	CITATIONS
429	Ex Situ Arterial Reconstruction During Normothermic Perfusion of the Liver. Transplantation Direct, 2020, 6, e596.	1.6	7
430	Non-invasive quantification of the mitochondrial redox state in livers during machine perfusion. PLoS ONE, 2021, 16, e0258833.	2.5	2
431	Liver Transplantation and NAFLD/NASH. , 2020, , 343-362.		0
432	Principles of transplantation immunology. , 2020, , 392-408.		0
433	Outcomes in DCD Liver Transplantation. , 2020, , 137-160.		1
434	Donation After Circulatory Death. , 2021, , 73-87.		0
435	Histidine-tryptophan-ketoglutarate solution versus University of Wisconsin solution in adult-to-adult living donor liver transplantation. Medicine (United States), 2020, 99, e23584.	1.0	7
436	Comment on "Making Every Liver Count Increased Transplant Yield of Donor Livers Through Normothermic Machine Perfusion". Annals of Surgery, 2021, 274, e839-e841.	4.2	0
437	Xenotransplantation 1.0 to 2.0. , 2021, , 279-304.		0
438	Machine Perfusion of Human Donor Livers. , 2021, , 339-354.		0
439	Ischemia-Reperfusion Injury and Therapeutic Strategy in Donation After Circulatory Death Liver Transplantation. , 2020, , 73-86.		1
440	Machine Perfusion in Liver Transplantation. Updates in Surgery Series, 2020, , 41-52.	0.1	0
441	Ex Vivo Normothermic Machine Perfusion. , 2020, , 217-235.		1
442	Donor Selection in DCD Liver Transplantation. , 2020, , 87-112.		1
443	Hypothermic Machine Perfusion in Liver Transplantation Using Grafts From Donation After Circulatory Death Donors. , 2020, , 191-203.		0
444	Liver Ischaemia-Reperfusion Injury. , 2020, , 129-141.		1
445	Prospects for the ex situ liver machine perfusion in Brazil. Revista Do Colegio Brasileiro De Cirurgioes, 2020, 47, e20202610.	0.6	2
446	Twenty-four hour ex-vivo normothermic machine perfusion in rat livers. Technology, 2020, 08, 27-36.	1.4	4

#	ARTICLE	IF	CITATIONS
447	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
448	Activation of autophagy during normothermic machine perfusion of discarded livers is associated with improved hepatocellular function. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, G21-G33.	3.4	8
449	Machine Perfusion in Liver Transplantation: A Systematic Review and Meta-Analysis. <i>Visceral Medicine</i> , 2022, 38, 243-254.	1.3	8
451	Liver Transplantation: Graft Variables. , 2021, , 73-84.		0
452	Preservation and perfusion rehabilitation of donor organs: achievements of the last decade. <i>Almanah KliniĖeskoj Mediciny</i> , 2020, 48, 193-206.	0.3	2
453	Prolonged (â‰¥24 Hours) Normothermic (â‰¥32 Â°C) Ex Vivo Organ Perfusion: Lessons From the Literature. <i>Transplantation</i> , 2021, 105, 986-998.	1.0	4
454	The innovation and clinical application of ischemia-free organ transplantation. <i>Visualized Cancer Medicine</i> , 2021, 2, 6.	0.9	0
455	Costâ€“utility analysis of normothermic and hypothermic <i>ex-situ</i> machine perfusion in liver transplantation. <i>British Journal of Surgery</i> , 2022, 109, e31-e32.	0.3	13
456	Long-term normothermic machine preservation of human livers: what is needed to succeed?. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, G183-G200.	3.4	10
457	Beneficial effects of end-ischemic oxygenated machine perfusion preservation for split-liver transplantation in recovering graft function and reducing ischemiaâ€“reperfusion injury. <i>Scientific Reports</i> , 2021, 11, 22608.	3.3	10
458	Comments on â€œRegulations and Procurement Surgery in DCD Liver Transplantation: Expert Consensus Guidance From the International Liver Transplantation Societyâ€œ. <i>Transplantation</i> , 2021, 105, e405-e406.	1.0	0
459	Impact of the duration of normothermic regional perfusion on the results of liver transplant from controlled circulatory death donors: A retrospective, multicentric study. <i>Clinical Transplantation</i> , 2022, 36, e14536.	1.6	10
460	Normothermic machine perfusion attenuates hepatic ischaemiaâ€“reperfusion injury by inhibiting CIRPâ€“mediated oxidative stress and mitochondrial fission. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 11310-11321.	3.6	16
461	Prediction of Graft Survival Post-liver Transplantation by L-GrAFT Risk Score Model, EASE Score, MEAF Scoring, and EAD. <i>Frontiers in Surgery</i> , 2021, 8, 753056.	1.4	7
462	The use of ex-vivo liver perfusion circuit in sheep model. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2021, 42, 1289-1295.	1.1	1
463	Acute Normovolemic Hemodilution-assisted Terminal Blood Procurement in Swine for Ex Vivo Organ Perfusion. <i>Journal of the American Association for Laboratory Animal Science</i> , 2021, , .	1.2	0
464	Advantages and Limitations of Clinical Scores for Donation After Circulatory Death Liver Transplantation. <i>Frontiers in Surgery</i> , 2021, 8, 808733.	1.4	5
465	Impact of Portable Normothermic Blood-Based Machine Perfusion on Outcomes of Liver Transplant. <i>JAMA Surgery</i> , 2022, 157, 189.	4.3	154

#	ARTICLE	IF	CITATIONS
466	Adult Combined Heart-Liver Transplantation: The United States Experience. Transplant International, 2021, 35, 10036.	1.6	7
467	The effect of end-ischaemic normothermic machine perfusion on donor hepatic artery endothelial integrity. Langenbeck's Archives of Surgery, 2022, 407, 717-726.	1.9	6
468	Machine perfusion of the liver: applications in transplantation and beyond. Nature Reviews Gastroenterology and Hepatology, 2022, 19, 199-209.	17.8	30
469	The impact of machine perfusion of the heart on warm ischemia time and organ yield in donation after circulatory death. American Journal of Transplantation, 2022, 22, 1451-1458.	4.7	13
470	Cryopreservation of undifferentiated and differentiated human neuronal cells. Regenerative Therapy, 2022, 19, 58-68.	3.0	7
471	Overcoming Challenges in Organ Transplantation. IEEE Pulse, 2020, 11, 25-28.	0.3	1
472	Disposal of donor livers in Brazil: how to optimize their utilization rate in transplants?. Einstein (Sao) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	1
473	Outcomes of normothermic machine perfusion of liver grafts in repeat liver transplantation (NAPLES) Tj ETQq1 1 0.784314 rgBT /Overlo	0.3	26
474	Simultaneous ex vivo normothermic preservation of liver and heart grafts from a donation after circulatory death donor. Journal of Cardiac Surgery, 2022, 37, 1076-1079.	0.7	2
475	Cerium oxide nanoparticles administration during machine perfusion of discarded human livers: A pilot study. Liver Transplantation, 2022, 28, 1173-1185.	2.4	13
476	Seven days ex vivo perfusion of whole ewe ovaries with follicular maturation and oocyte retrieval: towards the development of an alternative fertility preservation method. Reproduction, Fertility and Development, 2022, , .	0.4	2
477	Transplantation of declined livers after normothermic perfusion. Surgery, 2022, 171, 747-756.	1.9	29
478	Postreperfusion syndrome in liver transplantation: Outcomes, predictors, and application for recipient selection. Clinical Transplantation, 2022, , e14587.	1.6	3
479	Machine Perfusion in Liver Transplantâ€”Promise and Potential but Need for Guidance as Well. JAMA Surgery, 2022, , .	4.3	1
480	Prolonged (24-hour) Normothermic ex vivo Heart Perfusion Facilitated by Perfusate Hemofiltration. ASAIO Journal, 2022, 68, 1282-1289.	1.6	6
481	Liver perfusion strategies: what is best and do ischemia times still matter?. Current Opinion in Organ Transplantation, 2022, 27, 285-299.	1.6	8
482	Outcome of Liver Transplants Using Donors After Cardiac Death With Normothermic Regional Perfusion. Transplantation Proceedings, 2022, 54, 37-40.	0.6	6
483	L-ARGININE PREVENTS ISCHEMIC INJURY IN EXPLANTED RAT INTESTINAL REGIONS IN AN EX VIVO PERFUSION MODEL. Transplantation Reports, 2022, 7, 100096.	0.4	0

#	ARTICLE	IF	CITATIONS
484	Outcome of liver transplantation with grafts from brain-dead donors treated with dual hypothermic oxygenated machine perfusion, with particular reference to elderly donors. American Journal of Transplantation, 2022, 22, 1382-1395.	4.7	41
485	Organ donation after circulatory determination of death in India: A joint position paper. Indian Journal of Transplantation, 2022, 16, 26.	0.1	0
489	Current practice of normothermic regional perfusion and machine perfusion in donation after circulatory death liver transplants in Italy. Updates in Surgery, 2022, 74, 501-510.	2.0	16
490	Two Compartment Evaluation of Liver Grafts During Acellular Room Temperature Machine Perfusion (acRTMP) in a Rat Liver Transplant Model. Frontiers in Medicine, 2022, 9, 804834.	2.6	3
491	Graft weight integration in the early allograft dysfunction formula improves the prediction of early graft loss after liver transplantation. Updates in Surgery, 2022, 74, 1307-1316.	2.0	1
492	Modeling energy depletion in rat livers using Nash equilibrium metabolic pathway analysis. Scientific Reports, 2022, 12, 3496.	3.3	3
494	Liver Transplantation Outcomes From Controlled Circulatory Death Donors. Annals of Surgery, 2022, 275, 1156-1164.	4.2	61
495	The Authorsâ€™ Reply: Organoid Technology: Are Human Cholangiocyte Organoids Immune Protected?. Transplantation, 2022, 106, e250-e250.	1.0	0
496	Pregnane X Receptor Activation in Liver Perfusion. Transplantation Proceedings, 2022, 54, 600-604.	0.6	1
497	Editorial: Ex vivo Liver Machine Perfusion. Frontiers in Surgery, 2022, 9, 861575.	1.4	0
498	Sense and Sensibilities of Organ Perfusion as a Kidney and Liver Viability Assessment Platform. Transplant International, 2022, 35, 10312.	1.6	7
499	Radiomic analysis of liver grafts from brain-dead donors can predict early allograft dysfunction following transplantation: a proof-of-concept study. Hpb, 2022, 24, 1527-1534.	0.3	1
500	Risk factors and management of hepatic artery stenosis post liver transplantation. Digestive and Liver Disease, 2022, 54, 1052-1059.	0.9	3
501	Hypothermic Machine Perfusion in Liver Transplantationâ€™A Randomised Trial and Beyond. Transplant International, 2022, 35, 10257.	1.6	1
502	Cold but not too cold: advances in hypothermic and normothermic organ perfusion. Korean Journal of Transplantation, 2022, 36, 2-14.	0.1	0
503	Donation after Circulatory Death Liver Transplantation in Paediatric Recipients. Transplantation, 2022, 3, 91-102.	0.6	1
504	Organ Donation after Circulatory Determination of Death in India: A Joint Position Paper. Indian Journal of Critical Care Medicine, 2022, 26, 421-438.	0.9	0
505	Normothermic Ex Vivo Kidney Perfusion for Human Kidney Transplantation: First North American Results. Transplantation, 2022, 106, 1852-1859.	1.0	31

#	ARTICLE	IF	CITATIONS
506	Comment on: "Impact of portable normothermic blood-based machine perfusion on outcomes of liver transplant: the OCS Liver PROTECT randomized clinical trial". Hepatobiliary Surgery and Nutrition, 2022, 11, 267-269.	1.5	0
507	Role of Normothermic Machine Perfusion in Liver Transplantation: Current Trends and Outcomes. Surgery in Practice and Science, 2022, , 100077.	0.4	2
508	The use of normothermic liver preservation in combined liver and lung transplantation: a single-center experience. American Journal of Transplantation, 2022, , .	4.7	2
509	Dual Lactate Clearance in the Viability Assessment of Livers Donated After Circulatory Death With Ex Situ Normothermic Machine Perfusion. Transplantation Direct, 2021, 7, e789.	1.6	5
510	A proof of concept study on real-time LiMAX CYP1A2 liver function assessment of donor grafts during normothermic machine perfusion. Scientific Reports, 2021, 11, 23444.	3.3	10
511	Porcine Liver Normothermic Machine Perfusion: Methodological Framework and Potential Pitfalls. Transplantation Direct, 2022, 8, e1276.	1.6	5
512	The economic impact of machine perfusion technology in liver transplantation. Artificial Organs, 2022, 46, 191-200.	1.9	27
513	Two pumps or one pump? A comparison of human liver normothermic machine perfusion devices for transplantation. Artificial Organs, 2022, 46, 859-866.	1.9	3
514	Application of Mesenchymal Stem Cells During Machine Perfusion: An Emerging Novel Strategy for Organ Preservation. Frontiers in Immunology, 2021, 12, 713920.	4.8	11
515	Ischemic-Free Liver Transplantation Reduces the Recurrence of Hepatocellular Carcinoma After Liver Transplantation. Frontiers in Oncology, 2021, 11, 773535.	2.8	9
516	Luminal Administration of a Water-soluble Carbon Monoxide-releasing Molecule (CORM-3) Mitigates Ischemia/Reperfusion Injury in Rats Following Intestinal Transplantation. Transplantation, 2022, 106, 1365-1375.	1.0	5
517	Normothermic Machine Perfusion in pediatric liver transplantation: A survey of attitudes and barriers. Pediatric Transplantation, 2022, 26, e14282.	1.0	2
530	Normothermic regional perfusion for whole pancreas and islet transplantation. , 2022, , 63-80.		0
531	Whole pancreas transplantation: Advantages and disadvantages, and an overview of new technologies in organ resuscitation. , 2022, , 29-38.		0
532	Pancreas resuscitation for whole pancreas transplantation. , 2022, , 39-62.		0
533	Abrogation of graft ischemia-reperfusion injury in ischemia-free liver transplantation. Clinical and Translational Medicine, 2022, 12, e546.	4.0	12
534	Preservation of Organs to Be Transplanted: An Essential Step in the Transplant Process. International Journal of Molecular Sciences, 2022, 23, 4989.	4.1	7
535	Machine perfusion in liver transplantation. Hepatology, 2022, 76, 1531-1549.	7.3	49

#	ARTICLE	IF	CITATIONS
536	Normothermic Machine Perfusion as a Tool for Safe Transplantation of High-Risk Recipients. <i>Transplantation</i> , 2022, 3, 169-183.	0.6	2
537	Grand Challenges in Organ Transplantation. , 2022, 1, .		8
538	Normothermic liver machine perfusion as a dynamic platform for regenerative purposes: What does the future have in store for us?. <i>Journal of Hepatology</i> , 2022, 77, 825-836.	3.7	27
539	Pharmacological testing of therapeutics using normothermic machine perfusion: A pilot study of 2,4-dinitrophenol delivery to steatotic human livers. <i>Artificial Organs</i> , 2022, 46, 2201-2214.	1.9	4
540	Liver transplantation in patients with liver failure: Twenty years of experience from China. <i>Liver International</i> , 2022, 42, 2110-2116.	3.9	12
541	Identification and treatment of biliary complications after liver transplantation: more relevant than ever. <i>Hepatobiliary Surgery and Nutrition</i> , 2022, 11, 443-445.	1.5	1
542	Protective mechanisms and current clinical evidence of hypothermic oxygenated machine perfusion (HOPE) in preventing post-transplant cholangiopathy. <i>Journal of Hepatology</i> , 2022, 76, 1330-1347.	3.7	39
543	Delivering siRNA Compounds During HOPE to Modulate Organ Function: A Proof-of-concept Study in a Rat Liver Transplant Model. <i>Transplantation</i> , 2022, 106, 1565-1576.	1.0	13
544	Hospital-Based Health Technology Assessment of Machine Perfusion Systems for Human Liver Transplantation. <i>Transplant International</i> , 0, 35, .	1.6	3
545	Transplantation of a human liver following 3 days of ex situ normothermic preservation. <i>Nature Biotechnology</i> , 2022, 40, 1610-1616.	17.5	70
546	Perfusate Composition and Duration of Ex-Vivo Normothermic Perfusion in Kidney Transplantation: A Systematic Review. <i>Transplant International</i> , 0, 35, .	1.6	9
547	2021 Clinical Update in Liver Transplantation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 4183-4191.	1.3	2
548	Biliary Viability Assessment and Treatment Options of Biliary Injury During Normothermic Liver Perfusion—A Systematic Review. <i>Transplant International</i> , 0, 35, .	1.6	5
549	Disparities in the Use of Older Donation After Circulatory Death Liver Allografts in the United States Versus the United Kingdom. <i>Transplantation</i> , 0, Publish Ahead of Print, .	1.0	5
550	From Haphazard to a Sustainable Normothermic Regional Perfusion Service: A Blueprint for the Introduction of Novel Perfusion Technologies. <i>Transplant International</i> , 0, 35, .	1.6	5
551	In situ normothermic regional perfusion versus ex situ normothermic machine perfusion in liver transplantation from donation after circulatory death. <i>Liver Transplantation</i> , 2022, 28, 1716-1725.	2.4	19
552	The Effect of Normothermic Machine Perfusion on the Immune Profile of Donor Liver. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	7
553	Hyperspectral imaging for quantitative assessment of hepatic steatosis in human liver allografts. <i>Clinical Transplantation</i> , 2022, 36, .	1.6	2

#	ARTICLE	IF	CITATIONS
554	Cardiac Transplantation and Organ Preservation. , 2022, , 167-181.		0
555	Organ Transportation Innovations and Future Trends. Current Transplantation Reports, 2022, 9, 143-147.	2.0	4
556	Fluorescein Clearance Kinetics in Blood and Bile Indicates Hepatic Ischemia-Reperfusion Injury in Rats. American Journal of Physiology - Renal Physiology, 0, , .	3.4	1
557	The Immunological Effect of Oxygen Carriers on Normothermic Ex Vivo Liver Perfusion. Frontiers in Immunology, 0, 13, .	4.8	2
558	Single Center Experience with Incidence, Impact and Predictors of Biliary Complications in Donation After Circulatory Death Liver Transplantation. Progress in Transplantation, 0, , 152692482211070.	0.7	0
559	Hypothermic oxygenated perfusion in extended criteria donor liver transplantationâ€”A randomized clinical trial. American Journal of Transplantation, 2022, 22, 2401-2408.	4.7	57
561	First liver transplantation using a graft maintained ex vivo for several days. Nature Biotechnology, 0, , .	17.5	0
562	Four Decades of Clinical Liver Transplantation Research: Results of a Comprehensive Bibliometric Analysis. Transplantation, 2022, 106, 1897-1908.	1.0	11
563	Impact of Machine Perfusion on the Immune Response After Liver Transplantation â€” A Primary Treatment or Just a Delivery Tool. Frontiers in Immunology, 0, 13, .	4.8	9
564	Multi-day perfusion of transplant organs: The how and the why. Med, 2022, 3, 442-444.	4.4	2
565	Partial freezing of rat livers extends preservation time by 5-fold. Nature Communications, 2022, 13, .	12.8	18
566	Pan-caspase inhibition during normothermic machine perfusion of discarded livers mitigates ex situ innate immune responses. Frontiers in Immunology, 0, 13, .	4.8	6
567	Effect of intraoperative dexmedetomidine on hepatic ischemia-reperfusion injury in pediatric living-related liver transplantation: A propensity score matching analysis. Frontiers in Surgery, 0, 9, .	1.4	1
568	Ex situ arterial reconstruction prior normothermic machine perfusion of liver grafts. Langenbeck's Archives of Surgery, 0, , .	1.9	0
569	Viability testing during liver preservation. Current Opinion in Organ Transplantation, 2022, 27, 454-465.	1.6	14
570	Ex vivo liver machine perfusion: comprehensive review of common animal models. Tissue Engineering - Part B: Reviews, 0, , .	4.8	4
573	Normothermic machine perfusion of kidneys: current strategies and future perspectives. Current Opinion in Organ Transplantation, 2022, 27, 446-453.	1.6	5
574	Organ Fabrication: Progress and Hurdles to Overcome. Current Transplantation Reports, 2022, 9, 297-301.	2.0	1

#	ARTICLE	IF	CITATIONS
575	A Review of Machine Perfusion Strategies in Liver Transplantation. Journal of Clinical and Experimental Hepatology, 2023, 13, 335-349.	0.9	2
576	In Situ Normothermic Regional Perfusion in Controlled Donation After Circulatory Determination Death: Organ Utilization, Outcomes, and Elusiveness of a Randomized Clinical Trial. Transplantation, 0, Publish Ahead of Print, .	1.0	3
577	In quest of the what, when, and where for machine perfusion dynamic liver preservation: Carpe diem!. Liver Transplantation, 2022, 28, 1701-1703.	2.4	3
578	Customized normothermic machine perfusion decreases ischemiaâ€“reperfusion injury compared with static cold storage in a porcine model of liver transplantation. Artificial Organs, 2023, 47, 148-159.	1.9	0
579	Abdominal Organ Preservation Solutions in the Age of Machine Perfusion. Transplantation, 2023, 107, 326-340.	1.0	8
580	Improved Organ Utilization and Better Transplant Outcomes With In Situ Normothermic Regional Perfusion in Controlled Donation After Circulatory Death. Transplantation, 2023, 107, 438-448.	1.0	47
581	Preserving and rejuvenating old organs for transplantation: novel treatments including the potential of senolytics. Current Opinion in Organ Transplantation, 2022, 27, 481-487.	1.6	5
582	Assessing Donor Liver Quality and Restoring Graft Function in the Era of Extended Criteria Donors. Journal of Clinical and Translational Hepatology, 2022, 000, 000-000.	1.4	0
583	Hemoglobin-based oxygen carriers: Clinical application of HBOC-201 as an alternative to red blood cells for machine perfusion in liver transplantation. Surgery in Practice and Science, 2022, 10, 100120.	0.4	2
584	Normothermic Ex Vivo Liver Platform Using Porcine Slaughterhouse Livers for Disease Modeling. Bioengineering, 2022, 9, 471.	3.5	2
585	Editorial: Organ Preservation Revolution: the future is revisiting the past through a different lens. Current Opinion in Organ Transplantation, 2022, 27, 421-423.	1.6	0
586	Where are we today with machine perfusion of liver in donation after circulatory death liver transplantation?. Transplantation Reports, 2022, 7, 100111.	0.4	1
587	Viszeralchirurgie. , 2022, , 223-437.		0
588	Evaluation of A Novel Organ Perfusion Research Platform. , 2022, , .		1
589	Predicting Early Allograft Function After Normothermic Machine Perfusion. Transplantation, 2022, 106, 2391-2398.	1.0	25
590	Liver Machine Perfusionâ€“When Physiopathology Matters. Journal of Clinical Medicine, 2022, 11, 5124.	2.4	0
591	Mitochondria and Cancer Recurrence after Liver Transplantationâ€“What Is the Benefit of Machine Perfusion?. International Journal of Molecular Sciences, 2022, 23, 9747.	4.1	3
592	Machine Perfusion as â€œComfort Zoneâ€“: What Are Key Challenges of Liver Viability Assessment Today?. Transplantation, 2022, 106, 2295-2298.	1.0	2

#	ARTICLE	IF	CITATIONS
593	Machine Perfusion for Extended Criteria Donor Livers: What Challenges Remain?. Journal of Clinical Medicine, 2022, 11, 5218.	2.4	10
595	The translational approach to liver transplantation. Annals of Hepatology, 2022, 27, 100747.	1.5	0
596	Viability assessment and transplantation of fatty liver grafts using end-to-end ischemic normothermic machine perfusion. Liver Transplantation, 2023, 29, 508-520.	2.4	14
597	Comprehensive Approach to Assessment of Liver Viability During Normothermic Machine Perfusion. Journal of Clinical and Translational Hepatology, 2022, 000, 000-000.	1.4	0
598	How useful is the machine perfusion in liver transplantation? An answer from a national survey. Frontiers in Surgery, 0, 9, .	1.4	1
600	Long-term and short-term preservation strategies for tissue engineering and regenerative medicine products: state of the art and emerging trends. , 2022, 1, .		7
601	Low utilization of adult-to-adult LDLT in Western countries despite excellent outcomes: International multicenter analysis of the US, the UK, and Canada. Journal of Hepatology, 2022, 77, 1607-1618.	3.7	10
603	How to improve results after DCD (donation after circulation death). Presse Medicale, 2022, , 104143.	1.9	1
604	Observations and findings during the development of a subnormothermic/normothermic long-term ex vivo liver perfusion machine. Artificial Organs, 2023, 47, 317-329.	1.9	2
605	Transplant Trial Watch. Transplant International, 0, 35, .	1.6	0
606	The development and outcomes of organ transplantation from donation after circulatory death in Taiwan. Transplantation Reports, 2022, 7, 100113.	0.4	1
607	Novel strategies in liver graft preservation – The French perspective. Journal of Visceral Surgery, 2022, 159, 389-398.	0.8	1
608	Cryopreservation of Whole Rat Livers by Vitrification and Nanowarming. Annals of Biomedical Engineering, 2023, 51, 566-577.	2.5	11
609	Breaking the limits of experimental pancreas transplantation: Working toward the clinical ideal graft. , 0, 1, .		2
610	Viability Criteria during Liver Ex-Situ Normothermic and Hypothermic Perfusion. Medicina (Lithuania), 2022, 58, 1434.	2.0	6
611	PANCREAS EX-SITU PRESERVATION AND EVALUATION. DEVELOPMENT OF A NORMOTHERMIC MACHINE PERFUSION SYSTEM. , 2022, 1, 56-62.		0
612	PERFUSION PROGRAMMES START-UP AND VIABILITY ASSESSMENT: A PRACTICAL GUIDE TO EX-SITU NORMOTHERMIC MACHINE PERFUSION IN LIVER TRANSPLANTATION. , 2022, 1, 47-55.		0
613	ORGAN THERAPEUTICS DURING EX-SITU DYNAMIC PRESERVATION. A LOOK INTO THE FUTURE. , 2022, 1, 63-78.		2

#	ARTICLE	IF	CITATIONS
614	The liver-resident immune cell repertoire -AA boon or a bane during machine perfusion?. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	3
615	Interleukin-18 and High-Mobility-Group-Protein B1 are Early and Sensitive Indicators for Cell Damage During Normothermic Machine Perfusion after Prolonged Cold Ischemic Storage of Porcine Liver Grafts. <i>Transplant International</i> , 0, 35, .	1.6	3
616	Controlled oxygenated rewarming as novel endâ€ischemic therapy for cold stored liver grafts. A randomized controlled trial. <i>Clinical and Translational Science</i> , 2022, 15, 2918-2927.	3.1	8
617	HYPOTHERMIC MACHINE PERFUSION OF THE LIVER. THE REASONS FOR SUCCESS. , 2022, 1, 35-46.		0
618	Sequential hypothermic and normothermic perfusion preservation and transplantation of expanded criteria donor livers. <i>Surgery</i> , 2023, 173, 846-854.	1.9	7
619	Dynamic liver preservation: Are we still missing pieces of the puzzle?. <i>Artificial Organs</i> , 2023, 47, 248-259.	1.9	3
620	Model of Acute Liver Failure in an Isolated Perfused Porcine Liverâ€Challenges and Lessons Learned. <i>Biomedicines</i> , 2022, 10, 2496.	3.2	2
621	Utility of OPO Procurement Surgeons in Reducing Discards of Marginal Liver Allografts. <i>Transplantation</i> , 0, Publish Ahead of Print, .	1.0	0
622	Monobody adapter for functional antibody display on nanoparticles for adaptable targeted delivery applications. <i>Nature Communications</i> , 2022, 13, .	12.8	6
623	Chinese expert consensus on organ protection of transplantation (2022 edition). <i>Hepatobiliary and Pancreatic Diseases International</i> , 2022, 21, 516-526.	1.3	1
624	Hyperspectral Imaging as a Tool for Viability Assessment During Normothermic Machine Perfusion of Human Livers: A Proof of Concept Pilot Study. <i>Transplant International</i> , 0, 35, .	1.6	6
625	Despite Increasing Costs, Perfusion Machines Expand the Donor Pool of Livers and Could Save Lives. <i>Journal of Surgical Research</i> , 2023, 283, 42-51.	1.6	4
626	Ischemia-free organ transplantation â” a review. <i>Current Opinion in Organ Transplantation</i> , 2022, 27, 300-304.	1.6	3
627	Innate Immune Cells during Machine Perfusion of Liver Graftsâ€The Janus Face of Hepatic Macrophages. <i>Journal of Clinical Medicine</i> , 2022, 11, 6669.	2.4	0
628	Contemporary considerations in solid organ transplantation utilizing DCD donors. <i>Transplantation Reports</i> , 2022, 7, 100118.	0.4	2
629	Niereninsuffizienz und Nierenersatztherapie. <i>Springer Reference Medizin</i> , 2022, , 1-34.	0.0	0
630	æ-°âž«æ*æ°šç³ç±³ç²²’äº²â-¥çÆæ³”æ”²ç””äºžçÆªâ¿fæ»äº²âžž³/4»è,â„æ,©çÆæ³”ä¿âž. <i>Zhejiang Da Xue Xue Bao Yi Xue Ban</i> = <i>Journal of Zhejiang University (Medical Science)</i> , 2022, 47, 1000-1005.		
631	Hierarchically structural polyacrylonitrile/ <scp>MIL</scp> â€101(Cr) nanofibrous membranes with super adsorption performance for indoxyl sulfate. <i>Journal of Applied Polymer Science</i> , 2023, 140, .	2.6	2

#	ARTICLE	IF	CITATIONS
632	Hypothermic Oxygenated Machine Perfusion (HOPE) Prior to Liver Transplantation Mitigates Post-Reperfusion Syndrome and Perioperative Electrolyte Shifts. <i>Journal of Clinical Medicine</i> , 2022, 11, 7381.	2.4	6
633	External pressure dynamics promote kidney viability and perfusate filtration during ex vivo kidney perfusion. <i>Scientific Reports</i> , 2022, 12, .	3.3	0
634	Outcomes of Liver Transplantation Using Machine Perfusion in Donation after Cardiac Death vs Brain Death in the US. <i>Journal of the American College of Surgeons</i> , 2023, 236, 73-80.	0.5	3
635	State-of-the-Art and Future Directions in Organ Regeneration with Mesenchymal Stem Cells and Derived Products during Dynamic Liver Preservation. <i>Medicina (Lithuania)</i> , 2022, 58, 1826.	2.0	2
636	Application of polymerized porcine hemoglobin in the ex vivo normothermic machine perfusion of rat livers. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	4.1	1
637	Editorial: Immunology of machine perfused organs and tissues. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	0
638	Senolytic treatment preserves biliary regenerative capacity lost through cellular senescence during cold storage. <i>Science Translational Medicine</i> , 2022, 14, .	12.4	10
639	Comparison of Biliary Complications Rates After Brain Death, Donation After Circulatory Death, and Living-Donor Liver Transplantation: A Single-Center Cohort Study. <i>Transplant International</i> , 0, 35, .	1.6	4
640	Oxygen-carrying sequential preservation mitigates liver grafts ischemia-reperfusion injury. <i>IScience</i> , 2023, 26, 105858.	4.1	0
641	FXR inhibition may protect from SARS-CoV-2 infection by reducing ACE2. <i>Nature</i> , 2023, 615, 134-142.	27.8	131
642	Long-term dynamic ex vivo organ preservation. <i>Nature Reviews Gastroenterology and Hepatology</i> , 0, , .	17.8	0
643	Current and future perspectives on acute-on-chronic liver failure: Challenges of transplantation, machine perfusion, and beyond. <i>World Journal of Gastroenterology</i> , 0, 28, 6922-6934.	3.3	2
644	Validation of risk scores for allograft failure after liver transplantation in Germany: a retrospective cohort analysis. <i>Hepatology Communications</i> , 2023, 7, e0012-e0012.	4.3	5
645	Normothermic Machine Perfusion. , 2023, , 361-372.		0
646	The positive impact of the COVID 19 pandemic on organ utilisation in liver transplantation. <i>Journal of Liver Transplantation</i> , 2023, 9, 100131.	0.4	0
647	A Meta-Analysis and Systematic Review of Normothermic and Hypothermic Machine Perfusion in Liver Transplantation. <i>Journal of Clinical Medicine</i> , 2023, 12, 235.	2.4	3
648	Salvaging the fatty liver for transplant: is short duration NMP enough?. <i>Liver Transplantation</i> , 2023, 29, 465-466.	2.4	0
649	Introducing Machine Perfusion into Routine Clinical Practice for Liver Transplantation in the United States: The Moment Has Finally Come. <i>Journal of Clinical Medicine</i> , 2023, 12, 909.	2.4	12

#	ARTICLE	IF	CITATIONS
650	Normothermic Machine Perfusion for Declined Livers: A Strategy to Rescue Marginal Livers for Transplantation. <i>Journal of the American College of Surgeons</i> , 2023, 236, 614-625.	0.5	10
651	Transport-Associated Vibrational Stress Triggers Drug-Reversible Apoptosis and Cardiac Allograft Failure in Mice. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2023, 11, 145-150.	3.7	0
652	A multicenter randomized-controlled trial of hypothermic oxygenated perfusion (HOPE) for human liver grafts before transplantation. <i>Journal of Hepatology</i> , 2023, 78, 783-793.	3.7	43
653	Hyperspectral Imaging for Viability Assessment of Human Liver Allografts During Normothermic Machine Perfusion. <i>Transplantation Direct</i> , 2022, 8, e1420.	1.6	3
654	The impact of oxygen supply and erythrocytes during normothermic kidney perfusion. <i>Scientific Reports</i> , 2023, 13, .	3.3	4
655	Orthotopic Transplantation of the Full-length Porcine Intestine After Normothermic Machine Perfusion. <i>Transplantation Direct</i> , 2022, 8, e1390.	1.6	3
656	Outcomes after liver transplantation using deceased after circulatory death donors: A comparison of outcomes in the UK and the US. <i>Liver International</i> , 2023, 43, 1107-1119.	3.9	2
657	Using organ perfusion to optimize donor livers. <i>Current Opinion in Organ Transplantation</i> , 2023, 28, 95-103.	1.6	1
658	A Narrative Review of the Applications of Ex-vivo Human Liver Perfusion. <i>Cureus</i> , 2023, , .	0.5	1
659	The role of normothermic machine perfusion (NMP) in the preservation of ex-vivo liver before transplantation: A review. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	4.1	1
661	Liver transplantation for isolated unresectable colorectal liver metastases - Protocol for a service evaluation in the United Kingdom - UKCoMET study. <i>Hpb</i> , 2023, 25, 684-692.	0.3	1
662	How to Best Protect Kidneys for Transplantationâ€™Mechanistic Target. <i>Journal of Clinical Medicine</i> , 2023, 12, 1787.	2.4	2
663	2022 Clinical Updates in Liver Transplantation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2023, , .	1.3	0
664	Changing liver utilization and discard rates in clinical transplantation in the ex-vivo machine preservation era. <i>Frontiers in Medical Technology</i> , 0, 5, .	2.5	0
665	Extended criteria brain-dead organ donors: Prevalence and impact on the utilisation of livers for transplantation in Brazil. <i>World Journal of Hepatology</i> , 0, 15, 255-264.	2.0	1
666	Effect of a Combined Drug Approach on the Severity of Ischemia-Reperfusion Injury During Liver Transplant. <i>JAMA Network Open</i> , 2023, 6, e230819.	5.9	3
667	Sterile Pancreas Inflammation during Preservation and after Transplantation. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4636.	4.1	0
668	Metabolomics Differences of the Donor Livers Between In Situ and Ex Situ Conditions During Ischemia-free Liver Transplantation. <i>Transplantation</i> , 2023, 107, e139-e151.	1.0	2

#	ARTICLE	IF	CITATIONS
669	Hypothermic machine perfusion alleviates ischemia-reperfusion injury of intestinal transplantation in pigs. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	3
670	How Can Machine Perfusion Change the Paradigm of Liver Transplantation for Patients with Perihilar Cholangiocarcinoma?. <i>Journal of Clinical Medicine</i> , 2023, 12, 2026.	2.4	1
671	Real-time assessment of kidney allografts during HOPE using flavin mononucleotide (FMN)â€™â€™â€™a preclinical study. , 0, 2, .		2
672	Critical Evaluation of Discarded Donor Livers in the Eurotransplant Region: Potential Implications for Machine Perfusion. <i>Annals of Transplantation</i> , 0, 28, .	0.9	1
673	Normothermic machine perfusion for older transplant recipients. <i>Artificial Organs</i> , 2023, 47, 1184-1191.	1.9	2
674	Comparison Between Terminal or Preterminal Conditioning of Donor Livers by Ex Situ Machine Perfusion. <i>Transplantation</i> , 2023, 107, 1286-1290.	1.0	2
675	SOME LIKE IT HOT. UTILITY AND MECHANISMS OF EX-SITU NORMOTHERMIC MACHINE PERFUSION OF THE LIVER. , 2023, 1, 92-112.		4
676	CRITICALITIES AND USEFULNESS OF EX-VIVO SMALL INTESTINE PERFUSION: TRANSPLANT AND BEYOND. , 2023, 1, 126-135.		0
677	Association between Hepatocellular Carcinoma Recurrence and Graft Size in Living Donor Liver Transplantation: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6224.	4.1	1
678	Acute rejection after liver transplantation with machine perfusion versus static cold storage: A systematic review and meta-analysis. <i>Hepatology</i> , 2023, 78, 835-846.	7.3	14
679	Xenogeneic cross-circulation for physiological support and recovery of ex vivo human livers. <i>Hepatology</i> , 2023, 78, 820-834.	7.3	2
680	Liver transplantation in the management of cholangiocarcinoma: Evolution and contemporary advances. <i>World Journal of Gastroenterology</i> , 0, 29, 1969-1981.	3.3	3
681	Successful Transplantation of a Liver from a Donor with HELLP Syndrome Undergoing Hypothermic Oxygenated Machine Perfusion (HOPE) Prior to Implantation. <i>American Journal of Case Reports</i> , 0, 24, .	0.8	0
682	Obstacles to implement machine perfusion technology in routine clinical practice of transplantation: Why are we not there yet?. <i>Hepatology</i> , 2024, 79, 713-730.	7.3	5
683	Normothermic Machine Perfusion Systems: Where Do We Go From Here?. <i>Transplantation</i> , 2024, 108, 22-44.	1.0	3
684	Beyond donation to organ utilization in the UK. <i>Current Opinion in Organ Transplantation</i> , 2023, 28, 212-221.	1.6	2
685	A randomized-controlled trial of ischemia-free liver transplantation for end-stage liver disease. <i>Journal of Hepatology</i> , 2023, 79, 394-402.	3.7	13
686	Long-term outcomes after normothermic machine perfusion in liver transplantationâ€™Experience at a single North American center. <i>American Journal of Transplantation</i> , 2023, 23, 976-986.	4.7	6

#	ARTICLE	IF	CITATIONS
687	Nanoparticle-Based Interventions for Liver Transplantation. International Journal of Molecular Sciences, 2023, 24, 7496.	4.1	1
688	Combined Use of Subnormothermic Extracorporeal Support and Hypothermic Oxygenated Machine Perfusion for Liver Graft After Cardiac Death in Pigs. Transplantation Proceedings, 2023, 55, 1021-1026.	0.6	1
689	Immune cell dynamics deconvoluted by single-cell RNA sequencing in normothermic machine perfusion of the liver. Nature Communications, 2023, 14, .	12.8	15
690	Preliminary Observations of An Ex Vivo Normothermic Whole Blood Machine Perfusion in An Experimental Liver Transplant Porcine Model. Transplantation Proceedings, 2023, 55, 1005-1011.	0.6	1
691	Maximizing the Donor Potential for Patients with Acute-on-Chronic Liver Failure Listed for Liver Transplant. Clinics in Liver Disease, 2023, 27, 763-775.	2.1	0
692	Letter to the Editor: Can ex-situ normothermic perfusion improve graft survival among donation after circulatory death liver allografts?. Liver Transplantation, 2023, 29, E33-E33.	2.4	0
693	The Current Role and Future Applications of Machine Perfusion in Liver Transplantation. Bioengineering, 2023, 10, 593.	3.5	1
694	An adaptable research platform for ex vivo normothermic machine perfusion of the liver. International Journal of Computer Assisted Radiology and Surgery, 2023, 18, 1101-1108.	2.8	1
695	Multiple Shades of Grayâ€”Macrophages in Acute Allograft Rejection. International Journal of Molecular Sciences, 2023, 24, 8257.	4.1	2
696	Impact of Hypothermic Oxygenated Machine Perfusion on Hepatocellular Carcinoma Recurrence after Liver Transplantation. Journal of Personalized Medicine, 2023, 13, 703.	2.5	1
697	Machine Perfusion Strategies in Liver and Renal Transplantation. , 0, , .		0
698	Donation after circulatory death: Novel strategies to improve the liver transplant outcome. Journal of Hepatology, 2023, 78, 1169-1180.	3.7	4
699	Machine perfusion of the liver and bioengineering. Journal of Hepatology, 2023, 78, 1181-1198.	3.7	8
700	Machine perfusion and the prevention of ischemic type biliary lesions following liver transplant: What is the evidence?. World Journal of Gastroenterology, 0, 29, 3066-3083.	3.3	0
701	Letter to the Editor: Acute rejection after liver transplantation with machine perfusion versus static cold storage: A systematic review and meta-analysis. Hepatology, 2023, 78, E66-E67.	7.3	0
702	Reply: Acute rejection after transplantation of machine perfused liversâ€”We have barely scratched the surface. Hepatology, 2023, 78, E69-E71.	7.3	0
703	Normothermic Ex Vivo Machine Perfusion for Liver Transplantation: A Systematic Review of Progress in Humans. Journal of Clinical Medicine, 2023, 12, 3718.	2.4	3
704	Trends and Obstacles to Implement Dynamic Perfusion Concepts for Clinical Liver Transplantation: Results from a Global Web-Based Survey. Journal of Clinical Medicine, 2023, 12, 3765.	2.4	2

#	ARTICLE	IF	CITATIONS
705	Bioenergetic and Cytokine Profiling May Help to Rescue More DCD Livers for Transplantation. International Journal of Molecular Sciences, 2023, 24, 9536.	4.1	0
706	Exploration of Optimal pH in Hypothermic Machine Perfusion for Rat Liver Grafts Retrieved after Circulatory Death. Journal of Clinical Medicine, 2023, 12, 3845.	2.4	0
707	Current practice and novel approaches in organ preservation. , 0, 2, .		1
708	Vitrification and nanowarming enable long-term organ cryopreservation and life-sustaining kidney transplantation in a rat model. Nature Communications, 2023, 14, .	12.8	22
709	Machine perfusion techniques for liver transplantation - A meta-analysis of the first seven randomized-controlled trials. Journal of Hepatology, 2023, 79, 1201-1213.	3.7	12
710	How to Preserve Steatotic Liver Grafts for Transplantation. Journal of Clinical Medicine, 2023, 12, 3982.	2.4	2
711	Endothelial Cells and Mitochondria: Two Key Players in Liver Transplantation. International Journal of Molecular Sciences, 2023, 24, 10091.	4.1	1
712	Recent advances in micro-sized oxygen carriers inspired by red blood cells. Science and Technology of Advanced Materials, 2023, 24, .	6.1	1
713	Controlling instability at reperfusion: Another benefit of normothermic machine perfusion using OCS liver. Liver Transplantation, 2023, 29, 1249-1251.	2.4	0
714	Normothermic Ex Vivo Machine Perfusion of Discarded Human Pancreas Allografts: A Feasibility Study. Transplant International, 0, 36, .	1.6	0
715	Prolonged Normothermic Machine Perfusion: Buying More Time for Liver Graft Assessment and Repair. Transplantation, 2023, 107, 1221-1222.	1.0	4
716	Mechanisms of organ fibrosis: Emerging concepts and implications for novel treatment strategies. Molecular Aspects of Medicine, 2023, 92, 101191.	6.4	19
717	Normothermic machine perfusion versus static cold storage in donation after circulatory death kidney transplantation: a randomized controlled trial. Nature Medicine, 2023, 29, 1511-1519.	30.7	24
718	Normothermic Machine Perfusion of Donor Livers for Transplantation in the United States. Annals of Surgery, 2023, 278, e912-e921.	4.2	11
719	Long-term survival and functional recovery of cryopreserved vascularized groin flap and below-the-knee rat limb transplants. Rejuvenation Research, 0, , .	1.8	0
720	The role of ischaemia-reperfusion injury and liver regeneration in hepatic tumour recurrence. JHEP Reports, 2023, 5, 100846.	4.9	1
721	Genetic Modulation: Future Trends Toward Graft Optimization During Machine Perfusion. Transplantation, 2024, 108, 614-624.	1.0	1
722	Niereninsuffizienz und Nierenersatztherapie. Springer Reference Medizin, 2023, , 593-626.	0.0	0

#	ARTICLE	IF	CITATIONS
723	New therapeutic concepts against ischemia-reperfusion injury in organ transplantation. Expert Review of Clinical Immunology, 2023, 19, 1205-1224.	3.0	1
724	Defatting of Human Livers During Long-Term ex situ Normothermic Perfusion: Novel Strategy to Rescue Discarded Organs for Transplantation. Annals of Surgery, 2023, 278, 669-675.	4.2	4
725	Strategies to Improve the Utilization and Function of DCD Livers. Transplantation, 2024, 108, 625-633.	1.0	0
726	Advancing Perfusion Models: Dual-Vessel <i>Ex Vivo</i> Rat Liver Perfusion Based on a Clinical Setup. Tissue Engineering - Part A, 2023, 29, 518-528.	3.1	0
727	Influence of oxygen uptake through the liver surface on the metabolism of ex vivo perfused liver during hypoxia. Biochimica Et Biophysica Acta - General Subjects, 2023, 1867, 130429.	2.4	0
728	Pumping Livers: Two Trials, Many Questions. Annals of Surgery, 0, , .	4.2	0
729	Stem cell Derived Extracellular Vesicles to Alleviate ischemia-reperfusion Injury of Transplantable Organs. A Systematic Review. Stem Cell Reviews and Reports, 2023, 19, 2225-2250.	3.8	2
730	Viability assessment of livers donated after circulatory determination of death during normothermic regional perfusion. Artificial Organs, 0, , .	1.9	0
731	Effects of machine perfusion strategies on different donor types in liver transplantation: a systematic review and meta-analysis. International Journal of Surgery, 2023, 109, 3617-3630.	2.7	4
732	Impact of Portable Normothermic Machine Perfusion for Liver Transplantation From Adult Deceased Donors. Annals of Surgery, 0, , .	4.2	1
733	The Distinct Innate Immune Response of Warm Ischemic Injured Livers during Continuous Normothermic Machine Perfusion. International Journal of Molecular Sciences, 2023, 24, 12831.	4.1	1
734	Effectiveness of machine perfusion in liver transplantation: A meta-analysis of randomized controlled trials. Journal of Liver Transplantation, 2023, 12, 100176.	0.4	0
736	Role of Machine Perfusion in Liver Transplantation. Surgical Clinics of North America, 2023, , .	1.5	0
737	The impact of center volume on the utilization and outcomes of machine perfusion technology in liver transplantation: An international survey. Artificial Organs, 2023, 47, 1773-1785.	1.9	0
738	Upfront Normothermic Machine Perfusion for a Liver Graft with Severe Macrovesicular Steatosis: A Proof-of-Concept Case. Transplantation, 2023, 4, 151-160.	0.6	0
739	Extracellular Vesicles in Liver Transplantation: Current Evidence and Future Challenges. International Journal of Molecular Sciences, 2023, 24, 13547.	4.1	1
740	Early kinetics of donor-derived cell-free DNA after transplantation predicts renal graft recovery and long-term function. Nephrology Dialysis Transplantation, 2023, 39, 114-121.	0.7	2
741	Machine perfusion in liver transplantation. The Cochrane Library, 2023, 2023, .	2.8	1

#	ARTICLE	IF	CITATIONS
742	Sterile inflammation in liver transplantation. <i>Frontiers in Medicine</i> , 0, 10, .	2.6	0
744	Validation and performance of three scoring systems for predicting primary non-function and early allograft failure after liver transplantation. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2023, , .	1.3	0
746	The Effect of Continuous Liver Normothermic Machine Perfusion on the Severity of Histological Bile Duct Injury. <i>Transplant International</i> , 0, 36, .	1.6	0
747	Donation After Circulatory Death Liver Transplantation. <i>Surgical Clinics of North America</i> , 2023, , .	1.5	0
748	The yesterday, today and tomorrow of liver transplant. <i>Medical Journal Armed Forces India</i> , 2023, , .	0.8	1
749	Beneficial Effects of Combined Use of Extracorporeal Membrane Oxygenation and Hypothermic Machine Perfusion in Porcine Donors after Cardiac Death for Liver Transplantation. <i>Journal of Clinical Medicine</i> , 2023, 12, 6031.	2.4	0
750	Transplant Candidate Outcomes After Declining a DCD Liver in the United States. <i>Transplantation</i> , 0, , .	1.0	0
751	Pancreas Preservation. , 2023, , 179-187.		0
752	Portal vein thrombosis and donation after cardiac death liver transplantation: Pre-perfusion data implications for the perfusion era. <i>American Journal of Surgery</i> , 2024, 228, 301-304.	1.8	0
753	Comparing hypothermic oxygenated and normothermic liver machine perfusion: Translation matters. <i>Journal of Hepatology</i> , 2023, , .	3.7	0
754	Pushing the boundaries of innovation: the potential of ex vivo organ perfusion from an interdisciplinary point of view. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	2.4	1
755	Role of perfusion medium in rewarming machine perfusion from hypoâ€to normothermia. <i>Artificial Organs</i> , 2024, 48, 150-156.	1.9	0
756	Editorial: Ex vivo graft preservation and modification. , 0, 2, .		0
757	Transplant Trial Watch. <i>Transplant International</i> , 0, 36, .	1.6	0
758	N-acetylcysteine: a novel approach to methaemoglobinaemia in normothermic liver machine perfusion. <i>Scientific Reports</i> , 2023, 13, .	3.3	0
759	A rat model of dual-flow liver machine perfusion system. <i>Acta Cirurgica Brasileira</i> , 0, 38, .	0.7	1
760	Comparison of in-gel and in-solution proteolysis in the proteome profiling of organ perfusion solutions. <i>Clinical Proteomics</i> , 2023, 20, .	2.1	0
761	Practice Patterns of Liver Allograft Acceptance From Donors After Circulatory Death at US Transplant Centers. <i>Transplantation Proceedings</i> , 2023, 55, 2159-2163.	0.6	0

#	ARTICLE	IF	CITATIONS
762	Lipoaspirate stored at a constant low temperature by electric control suppresses intracellular metabolism and maintains high cell viability. <i>Regenerative Therapy</i> , 2023, 24, 662-669.	3.0	0
763	A propensity score matched analysis of liver transplantation outcomes in the setting of preservation solution shortage. <i>American Journal of Transplantation</i> , 2023, , .	4.7	1
765	Transplant oncology “ Current indications and strategies to advance the field. <i>JHEP Reports</i> , 2024, 6, 100965.	4.9	1
766	Benefit and harm of waiting time in liver transplantation for HCC. <i>Hepatology</i> , 0, , .	7.3	1
767	Machine Perfusion Plus for Extended Criteria Donor Liver Grafts: Making Every Liver Count. <i>Engineering</i> , 2023, , .	6.7	0
769	The Role of Normothermic Machine Perfusion in Extended Criteria Donor Grafts: A New Direction in Liver Graft Assessment and Preservation. <i>Livers</i> , 2023, 3, 709-726.	1.9	1
770	Challenges With the Implementation of Machine Perfusion in Clinical Liver Transplantation. <i>Transplantation</i> , 0, , .	1.0	1
771	Bile proteome reveals biliary regeneration during normothermic preservation of human donor livers. <i>Nature Communications</i> , 2023, 14, .	12.8	2
772	Application potential of senolytics in clinical treatment. <i>Biogerontology</i> , 0, , .	3.9	0
773	Perioperative Cardiovascular Risk Assessment and Management in Liver Transplant Recipients: A Review of the Literature Merging Guidelines and Interventions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2024, 38, 1015-1030.	1.3	0
774	The Application of Machine Perfusion as an Enhanced ex vivo Model for Optical Imaging. , 2023, , .		0
776	Exploring the effects of epigallocatechin gallate on lipid metabolism in the rat steatotic liver during normothermic machine perfusion: Insights from lipidomics and RNA sequencing. <i>European Journal of Pharmacology</i> , 2024, 964, 176300.	3.5	0
777	Emerging treatments in graft reconditioning beyond machine perfusion. , 2024, , 187-231.		0
778	Current practice in liver transplantation. , 2024, , 9-25.		0
779	Focusing on Ischemic Reperfusion Injury in the New Era of Dynamic Machine Perfusion in Liver Transplantation. <i>International Journal of Molecular Sciences</i> , 2024, 25, 1117.	4.1	1
780	Current Techniques and Indications for Machine Perfusion and Regional Perfusion in Deceased Donor Liver Transplantation. <i>Journal of Clinical and Experimental Hepatology</i> , 2024, 14, 101309.	0.9	0
781	Assessing Liver Viability: Insights From Mitochondrial Bioenergetics in Ischemia-Reperfusion Injury. <i>Transplantation Proceedings</i> , 2024, 56, 228-235.	0.6	0
782	Red blood cells as oxygen carrier during normothermic machine perfusion of kidney grafts: Friend or foe?. <i>American Journal of Transplantation</i> , 2024, , .	4.7	0

#	ARTICLE	IF	CITATIONS
783	Liver Transplantation for Hepatocellular Carcinoma: A Narrative Review and A Glimpse into The Future. <i>Seminars in Liver Disease</i> , 2024, 44, 079-098.	3.6	0
784	Liver procurement: DBD, DCD, and living donation. , 2024, , 139-163.		0
785	The use of machine perfusion in liver transplantation. , 2024, , 165-186.		0
786	Liver transplantation for intrahepatic cholangiocarcinoma: who, when and how. <i>Current Opinion in Organ Transplantation</i> , 2024, 29, 161-171.	1.6	0
787	Continuous Renal Replacement Therapy During Long-term Normothermic Machine Perfusion of Human Donor Livers for up to 7 D. <i>Transplantation Direct</i> , 2024, 10, e1568.	1.6	0
788	Successful Heart-Liver Transplant Using Dual-organ Normothermic Perfusion in a Patient With Fontan Failure. <i>Transplantation Direct</i> , 2024, 10, e1573.	1.6	0
789	The dynamics of cytokine release during 24 hours continuous normothermic machine perfusion liver preservation: An explorative porcine study. <i>Artificial Organs</i> , 0, , .	1.9	0
790	Living donor organ transplantationâ€”gene therapy. , 2024, , 1485-1499.		0
791	Back to Basics: Liver Graft Ischemia in the Era of Machine Perfusion. <i>Transplantation</i> , 0, , .	1.0	0
792	Comprehensive bile acid pool analysis during ex-vivo liver perfusion in a porcine model of ischemia-reperfusion injury. <i>Scientific Reports</i> , 2024, 14, .	3.3	0
793	Following the Flow: Changes in Organ Preservation Methods Require Changes in Our Data Collection. <i>Transplantation</i> , 0, , .	1.0	0
794	Machine perfusion of the liver and in vivo animal models: A systematic review of the preclinical research landscape. <i>PLoS ONE</i> , 2024, 19, e0297942.	2.5	0
795	The impact of time to death in donors after circulatory death on recipient outcome in simultaneous pancreas-kidney transplantation. <i>American Journal of Transplantation</i> , 2024, , .	4.7	0
796	Evolution of Liver Transplantation Indications: Expanding Horizons. <i>Medicina (Lithuania)</i> , 2024, 60, 412.	2.0	0
797	Liver disease is changing and transplant oncology is rising to the challenge. <i>American Journal of Transplantation</i> , 2024, 24, 313-315.	4.7	0
798	Localized Liver Injury During Normothermic Ex Situ Liver Perfusion Has No Impact on Short-term Liver Transplant Outcomes. <i>Transplantation</i> , 0, , .	1.0	0
799	Intraoperative Anesthetic Strategies to Mitigate Early Allograft Dysfunction After Orthotopic Liver Transplantation: A Narrative Review. <i>Anesthesia and Analgesia</i> , 0, , .	2.2	0
800	Normothermic machine perfusion for liver transplantation: current state and future directions. <i>Current Opinion in Organ Transplantation</i> , 2024, 29, 186-194.	1.6	0

#	ARTICLE	IF	CITATIONS
801	Liver machine perfusion technology: Expanding the donor pool to improve access to liver transplantation. American Journal of Transplantation, 2024, , .	4.7	0
802	Should advanced perfusion be the standard of care for donation after circulatory death liver transplant?. American Journal of Transplantation, 2024, , .	4.7	0
803	Seven decades of organ transplantation: Out of the 20th and into the 21st century. Journal of Indira Gandhi Institute of Medical Sciences, 2024, 10, 3-5.	0.1	0
804	Routine utilization of machine perfusion in liver transplantation: Ready for prime time?. World Journal of Gastroenterology, 0, 30, 1488-1493.	3.3	0