Naoto Matsuno

List of Publications by Year
in descending order

36	146	1163117 8	1281871 11
papers	citations	h-index	g-index

37	37	37	185
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The ultrastructural characteristics of porcine hepatocytes donated after cardiac death and preserved with warm machine perfusion preservation. PLoS ONE, 2017, 12, e0186352.	2.5	15
2	Successful hepatic resection for recurrent hepatocellular carcinoma after lenvatinib treatment: A case report. World Journal of Hepatology, 2020, 12, 1349-1357.	2.0	15
3	Impact of human-derived hemoglobin based oxygen vesicles as a machine perfusion solution for liver donation after cardiac death in a pig model. PLoS ONE, 2019, 14, e0226183.	2.5	13
4	Oxygen consumption during hypothermic and subnormothermic machine perfusions of porcine liver grafts after cardiac death. Journal of Artificial Organs, 2018, 21, 450-457.	0.9	12
5	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
6	Applicability of Hypothermic Oxygenate Machine Perfusion Preservation for Split-Liver Transplantation in a Porcine Model: An Experimental Study. Annals of Transplantation, 2020, 25, e919920.	0.9	12
7	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
8	Beneficial effects of end-ischemic oxygenated machine perfusion preservation for split-liver transplantation in recovering graft function and reducing ischemiaâ€“reperfusion injury. Scientific Reports, 2021, 11, 22608.	3.3	10
9	Improvement of Infusion Process in Cell Transplantation: Effect of Shear Stress on Hepatocyte Viability under Horizontal and Vertical Syringe Orientation. Cell Medicine, 2015, 7, 59-66.	5.0	9
10	A Novel Preservation Solution Containing Quercetin and Sucrose for Porcine Kidney Transplantation. Transplantation Direct, 2020, 6, e624.	1.6	8
11	Rewarming Machine Perfusion System for Liver Transplantation. Journal of Medical Devices, Transactions of the ASME, 2013, 7, .	0.7	6
12	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
13	Critical location of cell viability loss during the cell injection process in hepatocyte transplantation using a rectangular microchannel model. Journal of Biomechanical Science and Engineering, 2018, 13, 17-00325-17-00325.	0.3	5
14	Ultrastructural changes in porcine liver sinusoidal endothelial cells of machine perfused liver donated after cardiac death. World Journal of Gastroenterology, 2022, 28, 2100-2111.	3.3	4
15	Successful surgical treatment for huge retroperitoneal liposarcoma involving the pancreas, right kidney, abdominal aorta and inferior vena cava. Journal of Surgical Case Reports, 2017, 2017, rjx200.	0.4	3
16	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
17	A comparison of laparoscopic procedures performed by novice medical students using 8K ultra-high-definition/two-dimensional and 2K high-definition/three-dimensional monitors. Surgery Today, 2021, 51, 1397-1403.	1.5	2
18	Severe liver injury with traumatic cardiac arrest successfully treated by damage control surgery and transcatheter arterial embolization in the hybrid operating room: a case report. Surgical Case Reports, 2021, 7, 234.	0.6	1

#	Article	IF	Citations
19	1204 Hepatic perfusion flow analysis for next generation of medical treatments. The Proceedings of the Fluids Engineering Conference, 2014, 2014, _1204-1_-_1204-2_.	0.0	0
20	1B41 Oxygenation of rewarming machine perfusion for resuscitate liver function. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2015, 2015.27, 85-86.	0.0	0
21	Organ oxygen dynamics and flow characteristics of ex vivo perfused liver. The Proceedings of the Fluids Engineering Conference, 2016, 2016, GS11.	0.0	0
22	Prediction of Ischemia-Reperfusion Injury with Flow Visualization.. The Proceedings of Mechanical Engineering Congress Japan, 2016, 2016, J0510202.	0.0	0
23	Investigation of Perfusion condition for decellularized organ. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2017, 2017.29, 2D44.	0.0	0
24	Evaluation of Organ viability using Visualization measurement of Spatiotemporal Temperature Measurement for Organ Transplantation. The Proceedings of Mechanical Engineering Congress Japan, 2017, 2017, J0510205.	0.0	0
25	Ex-vivo Organ Machine perfusion for Future Medical Treatment. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2018, 2018.30, 2G19.	0.0	0
26	Prediction of Ischemic Injury for Organ Transplantation using Visualization of Spatiotemporal Temperature Measurement. The Proceedings of Mechanical Engineering Congress Japan, 2018, 2018, J0540204.	0.0	0
27	Organ hydrodynamics of ex-vivo machine perfusion for transplantation. The Proceedings of the Fluids Engineering Conference, 2018, 2018, OS13-4.	0.0	0
28	Fluid Engineering of Machine Perfusion for Organ Transplantation and Regenerative Medicine. The Proceedings of the Fluids Engineering Conference, 2019, 2019, OS9-14.	0.0	0
29	Flow visualization of spatiotemporal measurement using near infrared for organ assessment of transplantation. The Proceedings of Mechanical Engineering Congress Japan, 2019, 2019, J05203.	0.0	0
30	Machine Perfusion technology for pre screening of organ transplantation. The Proceedings of the Fluids Engineering Conference, 2020, 2020, OS10-09.	0.0	0
31	Assessment method of liver function for transplantation using vascular response during Machine Perfusion. The Proceedings of Mechanical Engineering Congress Japan, 2020, 2020, J24113.	0.0	0
32	Oxygenated Hypothermic Machine Perfusion of Kidney Transplantation from Donors After Cardiac Death Due to Long-Term Low Blood Pressure and Hypoxia: The First Case Report of a Clinical Trial Using a New Japanese Perfusion System. Transplantation Proceedings, 2022, 54, 225-229.	0.6	0
33	Title is missing!. , 2020, 15, e0233917.		0
34	Title is missing!. , 2020, 15, e0233917.		0
35	Title is missing!. , 2020, 15, e0233917.		0
36	Title is missing!. , 2020, 15, e0233917.		0