

Kentaro Noda

List of Publications by Year in descending order

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58
papers

847
citations

516215

16
h-index

500791

28
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58
all docs

58
docs citations

58
times ranked

1134
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen gas reduces hyperoxic lung injury via the Nrf2 pathway in vivo. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L646-L656.	1.3	132
2	Notch-Nrf2 Axis: Regulation of <i>Nrf2</i> Gene Expression and Cytoprotection by Notch Signaling. <i>Molecular and Cellular Biology</i> , 2014, 34, 653-663.	1.1	105
3	A novel method of preserving cardiac grafts using a hydrogen-rich water bath. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, 241-250.	0.3	50
4	Hydrogen Preconditioning During Ex Vivo Lung Perfusion Improves the Quality of Lung Grafts in Rats. <i>Transplantation</i> , 2014, 98, 499-506.	0.5	50
5	Ex Vivo Lung Perfusion. <i>Chest</i> , 2017, 151, 1220-1228.	0.4	49
6	Metabolic Syndrome Mediates ROS-miR-193b-NFYA-Dependent Downregulation of Soluble Guanylate Cyclase and Contributes to Exercise-Induced Pulmonary Hypertension in Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2021, 144, 615-637.	1.6	44
7	Hydrogen-supplemented drinking water protects cardiac allografts from inflammation-associated deterioration. <i>Transplant International</i> , 2012, 25, 1213-1222.	0.8	43
8	Targeting Circulating Leukocytes and Pyroptosis During Ex Vivo Lung Perfusion Improves Lung Preservation. <i>Transplantation</i> , 2017, 101, 2841-2849.	0.5	40
9	Loss of Nrf2 in Mice Evokes a Congenital Intrahepatic Shunt That Alters Hepatic Oxygen and Protein Expression Gradients and Toxicity. <i>Toxicological Sciences</i> , 2014, 141, 112-119.	1.4	31
10	Successful prolonged ex vivo lung perfusion for graft preservation in rats. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 45, e54-e60.	0.6	30
11	A Novel Dual Ex Vivo Lung Perfusion Technique Improves Immediate Outcomes in an Experimental Model of Lung Transplantation. <i>American Journal of Transplantation</i> , 2015, 15, 1219-1230.	2.6	28
12	Human Lung-Resident Macrophages Colocalize with and Provide Costimulation to PD1 ^{hi} Tissue-Resident Memory T Cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1230-1244.	2.5	28
13	Optimal ex vivo lung perfusion techniques with oxygenated perfusate. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 466-474.	0.3	25
14	Ex vivo lung perfusion as a human platform for preclinical small molecule testing. <i>JCI Insight</i> , 2018, 3, .	2.3	24
15	Profiling molecular changes induced by hydrogen treatment of lung allografts prior to procurement. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 873-879.	1.0	23
16	Preservation solution supplemented with biliverdin prevents lung cold ischaemia/reperfusion injury. <i>European Journal of Cardio-thoracic Surgery</i> , 2012, 42, 1035-1041.	0.6	22
17	Lung transplantation for the treatment of irreversible acute respiratory distress syndrome. <i>Clinical Transplantation</i> , 2021, 35, e14182.	0.8	15
18	Human ex vivo lung perfusion: a novel model to study human lung diseases. <i>Scientific Reports</i> , 2021, 11, 490.	1.6	15

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19	The Bronchial Arterial Circulation in Lung Transplantation. <i>Transplantation</i> , 2018, 102, 1240-1249.	0.5	14
20	Adenosine injection prior to cardioplegia enhances preservation of senescent hearts in rat heterotopic heart transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 1202-1208.	0.6	13
21	Cyclosporin A Administration During Ex Vivo Lung Perfusion Preserves Lung Grafts in Rat Transplant Model. <i>Transplantation</i> , 2020, 104, e252-e259.	0.5	12
22	Triptolide-induced apoptosis in non-small cell lung cancer via a novel miR204-5p/Caveolin-1/Akt-mediated pathway. <i>Oncotarget</i> , 2020, 11, 2793-2806.	0.8	10
23	Impact of triptolide during ex vivo lung perfusion on grafts after transplantation in a rat model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e65-e74.	0.4	9
24	Heparanase inhibition preserves the endothelial glycocalyx in lung grafts and improves lung preservation and transplant outcomes. <i>Scientific Reports</i> , 2021, 11, 12265.	1.6	9
25	Bronchial-arterial-circulation-sparing Lung Preservation: A New Organ Protection Approach for Lung Transplantation. <i>Transplantation</i> , 2020, 104, 490-499.	0.5	5
26	Nitrite attenuates mitochondrial impairment and vascular permeability induced by ischemia-reperfusion injury in the lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L580-L591.	1.3	4
27	Optimal Lung Inflation Techniques in a Rat Lung Transplantation Model: A Revisit. <i>Thoracic and Cardiovascular Surgeon</i> , 2014, 62, 427-433.	0.4	3
28	Mitochondrial Calcium: The Missing Link Between Hypoxia and Quality in Lung Grafts During Ex Vivo Lung Perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, S268.	0.3	2
29	Circulating Cytokines vs. Leukocytes: A Therapeutic Target during Ex Vivo Lung Perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, S181-S182.	0.3	2
30	Cyclosporin A: Teaching an Old Drug New Tricks?. <i>Transplantation</i> , 2019, 103, 1084-1085.	0.5	2
31	A New Lung Preservation Technique through Bronchial Artery Perfusion on Ex-Vivo Lung. <i>Journal of Heart and Lung Transplantation</i> , 2013, 32, S300.	0.3	1
32	Dual Ex Vivo Lung Perfusion Techniques Ameliorate Airway Hypoxia in Lung Grafts in Rats. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, S27.	0.3	1
33	Preconditioning Lung Grafts with Inhaled Hydrogen during Ex Vivo Lung Perfusion Improves Posttransplant Lung Grafts Function. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, S27.	0.3	1
34	Cyclosporine A Can Mitigate Mitochondrial Dysfunction in Lung Grafts during Ex Vivo Lung Perfusion: A Potent Contributor for Better Preconditioning. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, S143.	0.3	1
35	Identification of Hypoxic Cells in Lung Grafts for Future Cell Targeted Therapy for Obliterans Bronchiolitis. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, S186.	0.3	1
36	Relationship between Grafts' Quality, Glucose Consumption and IL-6 Production during Ex Vivo Lung Perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, S190.	0.3	1

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37	Microvasculature Analysis Using Micro CTA Techniques for Lungs After Different Preservation Process. Journal of Heart and Lung Transplantation, 2017, 36, S90.	0.3	1
38	Influence of Various Perfusion Temperatures on Lung Graft Preservation during Ex Vivo Lung Perfusion. Journal of Heart and Lung Transplantation, 2019, 38, S240-S241.	0.3	1
39	Hydrogen Inhalation during Ex Vivo Lung Perfusion Ameliorates the Quality of Lung Grafts in Rats. Journal of Heart and Lung Transplantation, 2013, 32, S66-S67.	0.3	0
40	Optimal Lung Inflation Techniques under the Current Standard Lung Protection Protocol in a Rat Lung Transplantation Model. Journal of Heart and Lung Transplantation, 2013, 32, S246-S247.	0.3	0
41	A New Hydrogen Administration Method for Organ and Cardiac Graft Preservation. Journal of Surgical Research, 2014, 186, 654.	0.8	0
42	Fate of Bronchial Artery Circulation after Lung Transplantation: A Revisit Using Micro CTA Techniques in Rats. Journal of Heart and Lung Transplantation, 2014, 33, S258.	0.3	0
43	Optimal Oxygenation in Lung Graft Circulation during Ex Vivo Lung Perfusion. Journal of Heart and Lung Transplantation, 2014, 33, S48.	0.3	0
44	The Impact of Perfusate Oxygenation During Ex Vivo Lung Perfusion on Post-transplant Outcomes: Deoxygenated vs. Fully-Oxygenated. Journal of Heart and Lung Transplantation, 2015, 34, S266-S267.	0.3	0
45	Dual Ex Vivo Lung Perfusion Technique Contributes to Better Preserving Microcirculation in Lung Grafts Following Transplantation. Journal of Heart and Lung Transplantation, 2015, 34, S149.	0.3	0
46	Refinement of Ex Vivo Lung Perfusion Techniques for Better Microvasculature Maintenance in Lung Grafts. Journal of Heart and Lung Transplantation, 2016, 35, S180-S181.	0.3	0
47	Bronchial Artery Sparing Lung Preservation: Is It Feasible?. Journal of Heart and Lung Transplantation, 2017, 36, S377.	0.3	0
48	Pyroptosis of Passenger Leukocytes Negatively Impacts the Quality of Lung Grafts During Ex Vivo Lung Perfusion. Journal of Heart and Lung Transplantation, 2017, 36, S373.	0.3	0
49	Optimal Perfusate Oxygenation During Ex Vivo Lung Perfusion Can Promote Alveolar Proliferation in Lung Grafts. Journal of Heart and Lung Transplantation, 2017, 36, S374.	0.3	0
50	DUAL Ex Vivo Lung Perfusion Techniques Can Contribute to Better Posttransplant Outcomes Through Reconditioning Hypoxic Cells in Lung Grafts. Journal of Heart and Lung Transplantation, 2017, 36, S375.	0.3	0
51	Bronchial-arterial-circulation-sparing (BACS) Lung Preservation: A Novel Strategy in Lung Transplantation. Journal of Heart and Lung Transplantation, 2018, 37, S225-S226.	0.3	0
52	Targeting Glucose Metabolism During Ex vivo Lung Perfusion Improves Lung Preservation and Post Transplant Lung Function. Journal of Heart and Lung Transplantation, 2018, 37, S125.	0.3	0
53	Cyclosporine Preconditioning During Ex Vivo Lung Perfusion Improves the Quality of Post Transplant Lung Grafts. Journal of Heart and Lung Transplantation, 2018, 37, S222.	0.3	0
54	Dual Ex-vivo Lung Perfusion Using Human Lungs. Journal of Heart and Lung Transplantation, 2018, 37, S222.	0.3	0

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55	Nitrite Attenuates Ischemia/Reperfusion (I/R) Injury of Lung by Regulating Endothelial Barrier Function. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, S224.	0.3	0
56	Triptolide Attenuates Graft Inflammation During Ex Vivo Lung Perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, S15.	0.3	0
57	The Effect of Prostaglandin E1 on Pulmonoplegia before and after Ex Vivo Lung Perfusion. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, S241.	0.3	0
58	Ex Vivo Lung Perfusion: Promises and Reality. <i>Organ and Tissue Transplantation</i> , 2021, , 1-26.	0.0	0