

Thierry Hauet

List of Publications by Year in descending order

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143
papers

3,814
citations

117453

34
h-index

182168

51
g-index

155
all docs

155
docs citations

155
times ranked

4240
citing authors

#	ARTICLE	IF	CITATIONS
1	Peripheral-Type Benzodiazepine Receptor-Mediated Action of Steroidogenic Acute Regulatory Protein on Cholesterol Entry into Leydig Cell Mitochondria. <i>Molecular Endocrinology</i> , 2005, 19, 540-554.	3.7	218
2	The myeloid mineralocorticoid receptor controls inflammatory and fibrotic responses after renal injury via macrophage interleukin-4 receptor signaling. <i>Kidney International</i> , 2018, 93, 1344-1355.	2.6	109
3	New strategies to optimize kidney recovery and preservation in transplantation. <i>Nature Reviews Nephrology</i> , 2012, 8, 339-347.	4.1	105
4	Polyethylene glycol reduces the inflammatory injury due to cold ischemia/reperfusion in autotransplanted pig kidneys. Drs. Hauet and Goujon contributed equally to this work. <i>Kidney International</i> , 2002, 62, 654-667.	2.6	88
5	THC Can Be Detected in Brain While Absent in Blood*. <i>Journal of Analytical Toxicology</i> , 2005, 29, 842-843.	1.7	79
6	Benefits of active oxygenation during hypothermic machine perfusion of kidneys in a preclinical model of deceased after cardiac death donors. <i>Journal of Surgical Research</i> , 2013, 184, 1174-1181.	0.8	79
7	A new approach in organ preservation: potential role of new polymers. <i>Kidney International</i> , 2008, 74, 998-1003.	2.6	77
8	Trimetazidine Reduces Renal Dysfunction by Limiting the Cold Ischemia/Reperfusion Injury in Autotransplanted Pig Kidneys. <i>Journal of the American Society of Nephrology: JASN</i> , 2000, 11, 138-148.	3.0	77
9	Validation of Large White Pig as an animal model for the study of cannabinoids metabolism: Application to the study of THC distribution in tissues. <i>Forensic Science International</i> , 2006, 161, 169-174.	1.3	75
10	Mitochondria as target for antiischemic drugs. <i>Advanced Drug Delivery Reviews</i> , 2001, 49, 151-174.	6.6	74
11	Supplementation With a New Therapeutic Oxygen Carrier Reduces Chronic Fibrosis and Organ Dysfunction in Kidney Static Preservation. <i>American Journal of Transplantation</i> , 2011, 11, 1845-1860.	2.6	72
12	Benefit of Mineralocorticoid Receptor Antagonism in AKI: Role of Vascular Smooth Muscle Rac1. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 1216-1226.	3.0	68
13	Amniotic Fluid-Derived Mesenchymal Stem Cells Prevent Fibrosis and Preserve Renal Function in a Preclinical Porcine Model of Kidney Transplantation. <i>Stem Cells Translational Medicine</i> , 2014, 3, 809-820.	1.6	66
14	Endogenous IL-33 Contributes to Kidney Ischemia-Reperfusion Injury as an Alarmin. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1272-1288.	3.0	66
15	Ischemia-reperfusion: From cell biology to acute kidney injury. <i>Progres En Urologie</i> , 2014, 24, S4-S12.	0.3	62
16	Noninvasive Monitoring of Citrate, Acetate, Lactate, and Renal Medullary Osmolyte Excretion in Urine as Biomarkers of Exposure to Ischemic Reperfusion Injury. <i>Cryobiology</i> , 2000, 41, 280-291.	0.3	60
17	Anti-thrombin Therapy During Warm Ischemia and Cold Preservation Prevents Chronic Kidney Graft Fibrosis in a DCD Model. <i>American Journal of Transplantation</i> , 2010, 10, 30-39.	2.6	58
18	Mechanistic Analysis of Nonoxygenated Hypothermic Machine Perfusion's Protection on Warm Ischemic Kidney Uncovers Greater eNOS Phosphorylation and Vasodilation. <i>American Journal of Transplantation</i> , 2014, 14, 2500-2514.	2.6	52

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19	Targeting eIF5A Hypusination Prevents Anoxic Cell Death through Mitochondrial Silencing and Improves Kidney Transplant Outcome. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 811-822.	3.0	52
20	Comparison of protective effects of trimetazidine against experimental warm ischemia of different durations: early and long-term effects in a pig kidney model. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F1082-F1093.	1.3	51
21	Polyethylene Glycol Reduces Early and Long-Term Cold Ischemia-Reperfusion and Renal Medulla Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 302, 861-870.	1.3	50
22	Postmortem redistribution of THC in the pig. <i>International Journal of Legal Medicine</i> , 2010, 124, 543-549.	1.2	49
23	Protective Roles of Polyethylene Glycol and Trimetazidine against Cold Ischemia and Reperfusion Injuries of Pig Kidney Graft. <i>American Journal of Transplantation</i> , 2004, 4, 495-504.	2.6	48
24	Thrombin Inhibition During Kidney Ischemia-Reperfusion Reduces Chronic Graft Inflammation and Tubular Atrophy. <i>Transplantation</i> , 2010, 90, 612-621.	0.5	47
25	TRIMETAZIDINE PREVENTS RENAL INJURY IN THE ISOLATED PERFUSED PIG KIDNEY EXPOSED TO PROLONGED COLD ISCHEMIA1. <i>Transplantation</i> , 1997, 64, 1082-1086.	0.5	45
26	Analysis of machine perfusion benefits in kidney grafts: a preclinical study. <i>Journal of Translational Medicine</i> , 2011, 9, 15.	1.8	44
27	Attenuation of endoplasmic reticulum stress and mitochondrial injury in kidney with ischemic postconditioning application and trimetazidine treatment. <i>Journal of Biomedical Science</i> , 2012, 19, 71.	2.6	44
28	Dose-Ranging Study of the Performance of the Natural Oxygen Transporter HEMO ₂ Life in Organ Preservation. <i>Artificial Organs</i> , 2014, 38, 691-701.	1.0	43
29	The Alarmin Concept Applied to Human Renal Transplantation: Evidence for a Differential Implication of HMGB1 and IL-33. <i>PLoS ONE</i> , 2014, 9, e88742.	1.1	43
30	Comparison of the removal of uraemic toxins with medium cut-off and high-flux dialysers: a randomized clinical trial. <i>Nephrology Dialysis Transplantation</i> , 2019, 35, 328-335.	0.4	42
31	ENDOTOXIN TOLERANCE ENHANCES INTERLEUKIN-10 RENAL EXPRESSION AND DECREASES ISCHEMIA-REPERFUSION RENAL INJURY IN RATS. <i>Shock</i> , 2006, 25, 384-388.	1.0	39
32	Influence of cold-storage conditions on renal function of autotransplanted large pig kidneys. <i>Kidney International</i> , 2000, 58, 838-850.	2.6	37
33	Inhibition of complement improves graft outcome in a pig model of kidney autotransplantation. <i>Journal of Translational Medicine</i> , 2016, 14, 277.	1.8	36
34	Defining the optimal duration for normothermic regional perfusion in the kidney donor: A porcine preclinical study. <i>American Journal of Transplantation</i> , 2019, 19, 737-751.	2.6	36
35	Gender difference and sex hormone production in rodent renal ischemia reperfusion injury and repair. <i>Journal of Inflammation</i> , 2011, 8, 14.	1.5	35
36	Evidence for a protective role of trimetazidine during cold ischemia: targeting inflammation and nephron mass. <i>Biochemical Pharmacology</i> , 2003, 66, 2241-2250.	2.0	34

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37	6E11, a highly selective inhibitor of Receptor-Interacting Protein Kinase 1, protects cells against cold hypoxia-reoxygenation injury. <i>Scientific Reports</i> , 2017, 7, 12931.	1.6	33
38	A MODIFIED UNIVERSITY OF WISCONSIN PRESERVATION SOLUTION WITH HIGH-NA+ LOW-K+ CONTENT REDUCES REPERFUSION INJURY OF THE PIG KIDNEY GRAFT1. <i>Transplantation</i> , 2003, 76, 18-27.	0.5	32
39	Analysis of Perfusates During Hypothermic Machine Perfusion by NMR Spectroscopy. <i>Transplantation</i> , 2014, 97, 810-816.	0.5	32
40	Citrate, Acetate and Renal Medullary Osmolyte Excretion in Urine as Predictor of Renal Changes after Cold Ischaemia and Transplantation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2000, 38, 1093-8.	1.4	31
41	Direct Thrombin Inhibitor Prevents Delayed Graft Function in a Porcine Model of Renal Transplantation. <i>Transplantation</i> , 2009, 87, 1636-1644.	0.5	30
42	To what extent can limiting cold ischaemia/reperfusion injury prevent delayed graft function?. <i>Nephrology Dialysis Transplantation</i> , 2001, 16, 1982-1985.	0.4	29
43	Improving Long-Term Outcome in Allograft Transplantation: Role of Ionic Composition and Polyethylene Glycol. <i>Transplantation</i> , 2011, 91, 605-614.	0.5	29
44	Modulation of peripheral-type benzodiazepine receptor levels in a reperfusion injury pig kidney-graft model1. <i>Transplantation</i> , 2002, 74, 1507-1515.	0.5	28
45	Cyclooxygenase 1-dependent production of F2-isoprostane and changes in redox status during warm renal ischemiaâ€“reperfusion. <i>Free Radical Biology and Medicine</i> , 2004, 36, 1034-1042.	1.3	28
46	Kidney graft outcome using an anti-Xa therapeutic strategy in an experimental model of severe ischaemiaâ€“reperfusion injury. <i>British Journal of Surgery</i> , 2014, 102, 132-142.	0.1	28
47	Efficacy of the natural oxygen transporter <sc>HEMO</sc> ₂ life ^{Â®} in cold preservation in a preclinical porcine model of donation after cardiac death. <i>Transplant International</i> , 2019, 32, 985-996.	0.8	28
48	Expression and modulation of translocator protein and its partners by hypoxia reoxygenation or ischemia and reperfusion in porcine renal models. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F177-F190.	1.3	27
49	A pair analysis of the delayed graft function in kidney recipient: The critical role of the donor. <i>Journal of Critical Care</i> , 2010, 25, 582-590.	1.0	27
50	Preservation strategies to reduce ischemic injury in kidney transplantation: pharmacological and genetic approaches. <i>Current Opinion in Organ Transplantation</i> , 2011, 16, 180-187.	0.8	26
51	PROTECTION OF AUTOTRANSPLANTED PIG KIDNEYS FROM ISCHEMIA-REPERFUSION INJURY BY POLYETHYLENE GLYCOL1. <i>Transplantation</i> , 2000, 70, 1569-1575.	0.5	25
52	Controlled oxygenated rewarming up to normothermia for pretransplant reconditioning of liver grafts. <i>Clinical Transplantation</i> , 2017, 31, e13101.	0.8	25
53	Barriers and Advances in Kidney Preservation. <i>BioMed Research International</i> , 2018, 2018, 1-15.	0.9	25
54	Evaluation of Injury Preservation in Pig Kidney Cold Storage by Proton Nuclear Magnetic Resonance Spectroscopy of Urine. <i>Journal of Urology</i> , 1997, 157, 1155-1160.	0.2	24

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55	Trimetazidine reduces early and long-term effects of experimental renal warm ischemia: A dose effect study. <i>Journal of Vascular Surgery</i> , 2008, 47, 852-860.e4.	0.6	24
56	A p38 mitogen-activated protein kinase inhibitor protects against renal damage in a non-heart-beating donor model. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F179-F191.	1.3	24
57	Individual and Combined Impact of Oxygen and Oxygen Transporter Supplementation during Kidney Machine Preservation in a Porcine Preclinical Kidney Transplantation Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1992.	1.8	24
58	The inhibition of eIF5A hypusination by GC7, a preconditioning protocol to prevent brain death-induced renal injuries in a preclinical porcine kidney transplantation model. <i>American Journal of Transplantation</i> , 2020, 20, 3326-3340.	2.6	24
59	Identification of invariant natural killer T cells in porcine peripheral blood. <i>Veterinary Immunology and Immunopathology</i> , 2012, 149, 272-279.	0.5	23
60	Ischemia/reperfusion-associated tubular cells injury in renal transplantation: Can metabolomics inform about mechanisms and help identify new therapeutic targets?. <i>Pharmacological Research</i> , 2018, 129, 34-43.	3.1	23
61	FR167653 improves renal recovery and decreases inflammation and fibrosis after renal ischemia reperfusion injury. <i>Journal of Vascular Surgery</i> , 2009, 49, 728-740.	0.6	22
62	Prevention of ischemia-reperfusion lung injury during static cold preservation by supplementation of standard preservation solution with HEMO ₂ life [®] in pig lung transplantation model. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-8.	1.9	22
63	Oxidative Stress Evaluation in Ischemia Reperfusion Models: Characteristics, Limits and Perspectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2366.	1.8	22
64	Targeting oxidative stress, a crucial challenge in renal transplantation outcome. <i>Free Radical Biology and Medicine</i> , 2021, 169, 258-270.	1.3	22
65	Influence of colloid, preservation medium and trimetazidine on renal medulla injury. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1673, 105-114.	1.1	21
66	Diet-induced increase in plasma oxidized LDL promotes early fibrosis in a renal porcine auto-transplantation model. <i>Journal of Translational Medicine</i> , 2014, 12, 76.	1.8	21
67	Kidney Protection by Hypothermic Total Liquid Ventilation after Cardiac Arrest in Rabbits. <i>Anesthesiology</i> , 2014, 120, 861-869.	1.3	21
68	Urine-derived stem/progenitor cells: A focus on their characterization and potential. <i>World Journal of Stem Cells</i> , 2020, 12, 1080-1096.	1.3	21
69	Kidney Retrieval Conditions Influence Damage to Renal Medulla: Evaluation by Proton Nuclear Magnetic Resonance (NMR) Spectroscopy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2000, 38, 1085-92.	1.4	20
70	Cyclodextrin Curcumin Formulation Improves Outcome in a Preclinical Pig Model of Marginal Kidney Transplantation. <i>American Journal of Transplantation</i> , 2014, 14, 1073-1083.	2.6	20
71	Trimetazidine Reverses Deleterious Effects of Ischemia-Reperfusion in the Isolated Perfused Pig Kidney Model. <i>Nephron</i> , 1998, 80, 296-304.	0.9	19
72	Genomic integrity of human induced pluripotent stem cells: Reprogramming, differentiation and applications. <i>World Journal of Stem Cells</i> , 2019, 11, 729-747.	1.3	19

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73	Evidence for a Mitochondrial Impact of Trimetazidine during Cold Ischemia and Reperfusion. <i>Pharmacology</i> , 2004, 71, 25-37.	0.9	18
74	Tannic Acid Improves Renal Function Recovery after Renal Warm Ischemiaâ€“Reperfusion in a Rat Model. <i>Biomolecules</i> , 2020, 10, 439.	1.8	18
75	Inhibition of eIF5A hypusination reprogrammes metabolism and glucose handling in mouse kidney. <i>Cell Death and Disease</i> , 2021, 12, 283.	2.7	18
76	Electrical bioimpedance measurement during hypothermic rat kidney preservation for assessing ischemic injury. <i>Biosensors and Bioelectronics</i> , 2005, 20, 1866-1871.	5.3	17
77	Role of warm ischemia on innate and adaptive responses in a preclinical renal auto-transplanted porcine model. <i>Journal of Translational Medicine</i> , 2013, 11, 129.	1.8	17
78	Dynamic transcriptomic analysis of Ischemic Injury in a Porcine Pre-Clinical Model mimicking Donors Deceased after Circulatory Death. <i>Scientific Reports</i> , 2018, 8, 5986.	1.6	16
79	Preventing acute kidney injury during transplantation: the application of novel oxygen carriers. <i>Expert Opinion on Investigational Drugs</i> , 2019, 28, 643-657.	1.9	16
80	Oxygen Consumption by Warm Ischemia-Injured Porcine Kidneys in Hypothermic Static and Machine Preservation. <i>Journal of Surgical Research</i> , 2019, 242, 78-86.	0.8	16
81	Evaluation of Normothermic Ischemia and Simple Cold Preservation Injury in Pig Kidney by Proton Nuclear Magnetic Resonance Spectroscopy. <i>Journal of Surgical Research</i> , 1997, 68, 116-125.	0.8	15
82	Chronic renoprotective effect of pulsatile perfusion machine RM3 and IGL-1 solution in a preclinical kidney transplantation model. <i>Journal of Translational Medicine</i> , 2012, 10, 233.	1.8	15
83	Total liquid ventilation offers ultra-fast and whole-body cooling in large animals in physiological conditions and during cardiac arrest. <i>Resuscitation</i> , 2015, 93, 69-73.	1.3	15
84	The Optimal PEG for Kidney Preservation: A Preclinical Porcine Study. <i>International Journal of Molecular Sciences</i> , 2018, 19, 454.	1.8	15
85	Efficiency of Trimetazidine in Renal Dysfunction Secondary to Cold Ischemiaâ€“Reperfusion Injury: A Proposed Addition to University of Wisconsin Solution. <i>Cryobiology</i> , 1998, 37, 231-244.	0.3	14
86	Renal auto-transplantation promotes cortical microvascular network remodeling in a preclinical porcine model. <i>PLoS ONE</i> , 2017, 12, e0181067.	1.1	14
87	Vectisol Formulation Enhances Solubility of Resveratrol and Brings Its Benefits to Kidney Transplantation in a Preclinical Porcine Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2268.	1.8	14
88	A New Approach to the Evaluation of Liver Graft Function by Nuclear Magnetic Resonance Spectroscopy. A Comparative Study between Euro-Collins and University of Wisconsin Solutions. <i>Clinical Chemistry and Laboratory Medicine</i> , 2000, 38, 1133-6.	1.4	13
89	Evidence for protective roles of polyethylene glycol plus high sodium solution and trimetazidine against consequences of renal medulla ischaemia during cold preservation and reperfusion in a pig kidney model. <i>Nephrology Dialysis Transplantation</i> , 2004, 19, 1742-1751.	0.4	13
90	Effects of warm ischaemia combined with cold preservation on the hypoxia-inducible factor 1 \pm pathway in an experimental renal autotransplantation model. <i>British Journal of Surgery</i> , 2014, 101, 1739-1750.	0.1	13

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91	Impact of Hypothermia and Oxygen Deprivation on the Cytoskeleton in Organ Preservation Models. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	13
92	Influence of Hypoxic Preservation Temperature on Endothelial Cells and Kidney Integrity. <i>BioMed Research International</i> , 2019, 2019, 1-15.	0.9	13
93	RENOPROTECTIVE EFFECTS OF TRIMETAZIDINE AGAINST ISCHEMIA-REPERFUSION INJURY AND COLD STORAGE PRESERVATION: A PRELIMINARY STUDY1. <i>Transplantation</i> , 1999, 68, 300-303.	0.5	13
94	The eukaryotic initiation factor 5A (eIF5A1), the molecule, mechanisms and recent insights into the pathophysiological roles. <i>Cell and Bioscience</i> , 2021, 11, 219.	2.1	13
95	Renal Protective Effect of Metabolic Therapy in Patients with Coronary Artery Disease and Diabetes: From Bench to Bed Side. <i>Current Pharmaceutical Design</i> , 2009, 15, 863-882.	0.9	12
96	Extracellular vesicles as immune mediators in response to kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F9-F21.	1.3	12
97	Combining Kidney Organoids and Genome Editing Technologies for a Better Understanding of Physiopathological Mechanisms of Renal Diseases: State of the Art. <i>Frontiers in Medicine</i> , 2020, 7, 10.	1.2	12
98	Beneficial effect of polyethylene glycol in lung preservation: early evaluation by proton nuclear magnetic resonance spectroscopy. <i>Annals of Thoracic Surgery</i> , 2003, 76, 896-902.	0.7	11
99	Renoprotective effect of pulsatile perfusion machine RM3: pathophysiological and kidney injury biomarker characterization in a preclinical model of autotransplanted pig. <i>BJU International</i> , 2012, 109, 141-147.	1.3	11
100	Polyethylene glycols and organ protection against I/R injury. <i>Progres En Urologie</i> , 2014, 24, S37-S43.	0.3	11
101	Inhibition of coagulation proteases Xa and IIa decreases ischemia-reperfusion injuries in a preclinical renal transplantation model. <i>Translational Research</i> , 2016, 178, 95-106.e1.	2.2	11
102	A Brief Period of Hypothermia Induced by Total Liquid Ventilation Decreases End-Organ Damage and Multiorgan Failure Induced by Aortic Cross-Clamping. <i>Anesthesia and Analgesia</i> , 2016, 123, 659-669.	1.1	11
103	Emerging therapeutic strategies for transplantation-induced acute kidney injury: protecting the organelles and the vascular bed. <i>Expert Opinion on Therapeutic Targets</i> , 2019, 23, 495-509.	1.5	11
104	Endogenous Interleukin-33 Acts as an Alarmin in Liver Ischemia-Reperfusion and Is Associated With Injury After Human Liver Transplantation. <i>Frontiers in Immunology</i> , 2021, 12, 744927.	2.2	11
105	Molecular Networking for Drug Toxicities Studies: The Case of Hydroxychloroquine in COVID-19 Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 82.	1.8	11
106	Modulation of Peripheral-Type Benzodiazepine Receptor During Ischemia Reperfusion Injury in a Pig Kidney Model: A New Partner of Leukemia Inhibitory Factor in Tubular Regeneration. <i>Journal of the American College of Surgeons</i> , 2006, 203, 353-364.	0.2	10
107	Decoding cold ischaemia time impact on kidney graft: the kinetics of the unfolded protein response pathways. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 873-885.	1.9	10
108	HEMO ₂ life [®] improves renal function independent of cold ischemia time in kidney recipients: A comparison with a large multicenter prospective cohort study. <i>Artificial Organs</i> , 2022, 46, 597-605.	1.0	10

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109	Argon attenuates multiorgan failure following experimental aortic cross-clamping. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 1170-1179.	1.1	9
110	Cloning, sequencing, and chromosomal localization of pig peripheral benzodiazepine receptor: three different forms produced by alternative splicing. <i>Mammalian Genome</i> , 2006, 17, 1050-1062.	1.0	8
111	Subcutaneous cardioverter defibrillator has longer time to therapy but is less cardiotoxic than transvenous cardioverter defibrillator. Study carried out in a preclinical porcine model. <i>Europace</i> , 2018, 20, 873-879.	0.7	8
112	Hypercholesterolemia-induced increase in plasma oxidized LDL abrogated pro angiogenic response in kidney grafts. <i>Journal of Translational Medicine</i> , 2019, 17, 26.	1.8	8
113	In Vitro/Ex Vivo Models for the Study of Ischemia Reperfusion Injury during Kidney Perfusion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8156.	1.8	8
114	Rho GTPases in kidney physiology and diseases. <i>Small GTPases</i> , 2022, 13, 141-161.	0.7	8
115	Development of a preclinical model of donation after circulatory determination of death for translational application. <i>Transplantation Research</i> , 2014, 3, 13.	1.5	7
116	Preservation of Organs to Be Transplanted: An Essential Step in the Transplant Process. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4989.	1.8	7
117	Influence of Warm Ischemia Time on Peripheral-Type Benzodiazepine Receptor: A New Aspect of the Role of Mitochondria. <i>Nephron Experimental Nephrology</i> , 2007, 107, e1-e11.	2.4	6
118	Trophic Factor and FR167653 Supplementation During Cold Storage Rescue Chronic Renal Injury. <i>Journal of Urology</i> , 2011, 185, 1139-1146.	0.2	6
119	Concentration and Chain Length of Polyethylene Glycol in Islet Isolation Solution: Evaluation in a Pancreatic Islet Transplantation Model. <i>Cell Transplantation</i> , 2012, 21, 2079-2088.	1.2	6
120	Polynomial algebra reveals diverging roles of the unfolded protein response in endothelial cells during ischemia-reperfusion injury. <i>FEBS Letters</i> , 2014, 588, 3062-3067.	1.3	6
121	Strategies to optimize kidney recovery and preservation in transplantation: specific aspects in pediatric transplantation. <i>Pediatric Nephrology</i> , 2015, 30, 1243-1254.	0.9	6
122	Rapid or Slow Time to Brain Death? Impact on Kidney Graft Injuries in an Allotransplantation Porcine Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3671.	1.8	6
123	Microvasculature partial endothelial mesenchymal transition in early posttransplant biopsy with acute tubular necrosis identifies poor recovery renal allografts. <i>American Journal of Transplantation</i> , 2020, 20, 2400-2412.	2.6	6
124	Cannabis sativa var. indica : une plante complexe aux effets pervers. <i>Toxicologie Analytique Et Clinique</i> , 2004, 16, 7-17.	0.1	6
125	A Computer Model of Oxygen Dynamics in the Cortex of the Rat Kidney at the Cell-Tissue Level. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6246.	1.8	5
126	Cold flush after dynamic liver preservation protects against ischemic changes upon reperfusion - an experimental study. <i>Transplant International</i> , 2019, 32, 218-224.	0.8	5

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127	Molecular Markers of Kidney Transplantation Outcome: Current Omics Tools and Future Developments. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6318.	1.8	5
128	Obesity and acute kidney injury: fact or artifact?. <i>Intensive Care Medicine</i> , 2011, 37, 164-164.	3.9	4
129	Protecting the Mitochondria Against Ischemia Reperfusion: A Gassy Solution?. <i>American Journal of Transplantation</i> , 2017, 17, 313-314.	2.6	4
130	IL-33 receptor ST2 deficiency attenuates renal ischaemia-induced reperfusion injury in euglycaemic, but not streptozotocin-induced hyperglycaemic mice. <i>Diabetes and Metabolism</i> , 2018, 44, 55-60.	1.4	3
131	Preclinical Modeling of DCD Class III Donation: Paving the Way for the Increased Use of This Challenging Donor Type. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	3
132	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.	1.8	3
133	High Throughput Proteomic Exploration of Hypothermic Preservation Reveals Active Processes within the Cell Associated with Cold Ischemia Kinetic. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2384.	1.8	2
134	Study of the Role of the Tyrosine Kinase Receptor MerTK in the Development of Kidney Ischemia-Reperfusion Injury in RCS Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12103.	1.8	2
135	Determination of Ischemia Reperfusion Mechanisms at the Cellular Level: The Unfolded Protein Response.. <i>Transplantation</i> , 2014, 98, 347.	0.5	0
136	Recombinant C1INH Reduces Ischemia Reperfusion-Induced Immune Response and Improves Kidney Graft Outcome.. <i>Transplantation</i> , 2014, 98, 21-22.	0.5	0
137	Ultrafast whole body cooling induced by hypothermic total liquid ventilation attenuates shock after aortic cross clamping in rabbits. <i>Resuscitation</i> , 2014, 85, S97-S98.	1.3	0
138	High throughput Proteomic Exploration of Hypothermic Preservation reveals Dynamic Processes within the Cell interconnected to Cold Ischemia Time. <i>Transplantation</i> , 2018, 102, S714.	0.5	0
139	Preclinical Modeling of DCD class III Donation and Evaluation of the Most Adapted Preservation Protocol. <i>Transplantation</i> , 2018, 102, S795.	0.5	0
140	A Sodium Oxalate-Rich Diet Induces Chronic Kidney Disease and Cardiac Dysfunction in Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9244.	1.8	0
141	Toxicocinématique et distribution tissulaire du delta-9-tetrahydrocannabinol : Étude chez le porc. <i>Toxicologie Analytique Et Clinique</i> , 2006, 18, 259-267.	0.1	0
142	L'ischémie reperfusion : un passage obligatoire de la transplantation. <i>Bulletin De L'Academie Nationale De Medecine</i> , 2011, 195, 831-845.	0.0	0
143	Pancreatic Islet Transplantation: State of the Art and Future Perspectives. <i>OBM Transplantation</i> , 2019, 3, 1-1.	0.2	0