Georgina Hotter

List of Publications by Year
in descending order

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111 papers	3,387 citations	147801 31 h-index	161849 54 g-index
114 all docs	114 docs citations	114 times ranked	3321 citing authors

#	Article	IF	Citations
1	Protective effect of preconditioning on the injury associated to hepatic ischemia-reperfusion in the rat: Role of nitric oxide and adenosine. Hepatology, 1997, 25, 934-937.	7.3	306
2	The protective role of adenosine in inducing nitric oxide synthesis in rat liver ischemia preconditioning is mediated by activation of adenosine A₂receptors. Hepatology, 1999, 29, 126-132.	7.3	190
3	Intestinal Preconditioning Is Mediated by a Transient Increase in Nitric Oxide. Biochemical and Biophysical Research Communications, 1996, 222, 27-32.	2.1	167
4	Liver Ischemic Preconditioning Is Mediated by the Inhibitory Action of Nitric Oxide on Endothelin. Biochemical and Biophysical Research Communications, 1996, 229, 264-270.	2.1	163
5	Ischemic Pre-conditioning in Deceased Donor Liver Transplantation: A Prospective Randomized Clinical Trial. American Journal of Transplantation, 2007, 7, 2180-2189.	4.7	121
6	Macrophage involvement in the kidney repair phase after ischaemia/reperfusion injury. Journal of Pathology, 2008, 214, 104-113.	4.5	113
7	Macrophage Phenotype and Fibrosis in Diabetic Nephropathy. International Journal of Molecular Sciences, 2020, 21, 2806.	4.1	109
8	Hepatic preconditioning in rats is defined by a balance of adenosine and xanthine. Hepatology, 1998, 28, 768-773.	7.3	101
9	Infusion of IL-10â€“expressing cells protects against renal ischemia through induction of lipocalin-2. Kidney International, 2012, 81, 969-982.	5.2	93
10	NO and NOS isoforms in the development of apoptosis in renal ischemia/reperfusion. Free Radical Biology and Medicine, 2006, 40, 992-1003.	2.9	81
11	Interleukin-10-Induced Neutrophil Gelatinase-Associated Lipocalin Production in Macrophages with Consequences for Tumor Growth. Molecular and Cellular Biology, 2012, 32, 3938-3948.	2.3	71
12	Protective Effect of Ischemic Preconditioning on Cold Preservation and Reperfusion Injury Associated With Rat Intestinal Transplantation. Annals of Surgery, 2001, 234, 98-106.	4.2	70
13	Sphingosineâ€1â€phosphate signalling induces the production of Lcnâ€2 by macrophages to promote kidney regeneration. Journal of Pathology, 2011, 225, 597-608.	4.5	63
14	Minimally invasive silicon probe for electrical impedance measurements in small animals. Biosensors and Bioelectronics, 2003, 19, 391-399.	10.1	60
15	Free Radical Enhancement Promotes Leucocyte Recruitment Through a PAF and LTB4 Dependent Mechanism. Free Radical Biology and Medicine, 1997, 22, 947-954.	2.9	56
16	The Assessment of Biomarkers to Detect Nephrotoxicity Using an Integrated Database. Environmental Research, 1997, 75, 23-33.	7.5	55
17	Bioimpedance dispersion width as a parameter to monitor living tissues. Physiological Measurement, 2005, 26, S165-S173.	2.1	53
18	MODIFICATION OF OXIDATIVE STRESS IN RESPONSE TO INTESTINAL PRECONDITIONING1. Transplantation, 2000, 69, 767-772.	1.0	52

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19	Cisplatin upregulates mitochondrial nitric oxide synthase and peroxynitrite formation to promote renal injury. Toxicology and Applied Pharmacology, 2009, 234, 236-246.	2.8	49
20	Markers of early renal changes induced by industrial pollutants. I. Application to workers exposed to mercury vapour.. Occupational and Environmental Medicine, 1993, 50, 17-27.	2.8	45
21	Production of avirulent mutants of Mycobacterium bovis with vaccine properties by the use of illegitimate recombination and screening of stationary-phase cultures. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.8	40
22	Lipocalin-2-induced renal regeneration depends on cytokines. American Journal of Physiology - Renal Physiology, 2008, 295, F1554-F1562.	2.7	41
23	Modern high-performance liquid chromatographic-radioimmunoassay strategies for the study of eicosanoids in biological samples. Biomedical Applications, 1989, 492, 223-250.	1.7	39
24	Mitochondrial NOS upregulation during renal I/R causes apoptosis in a peroxynitrite-dependent manner. Kidney International, 2006, 69, 1403-1409.	5.2	38
25	miRNA let-7e targeting MMP9 is involved in adipose-derived stem cell differentiation toward epithelia. Cell Death and Disease, 2014, 5, e1048-e1048.	6.3	38
26	Actin cytoskeleton derangement induces apoptosis in renal ischemia/reperfusion. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 563-571.	4.9	37
27	Prostanoids and free radicals in Cl4C-induced hepatotoxicity in rats: effect of astilbin. Prostaglandins Leukotrienes and Essential Fatty Acids, 1997, 56, 331-334.	2.2	36
28	Low O2 and high CO2 in LLC-PK1 cells culture mimics renal ischemia-induced apoptosis. Laboratory Investigation, 2004, 84, 213-220.	3.7	35
29	TISSULAR PROSTANOID RELEASE, PHOSPHOLIPASE A2 ACTIVITY, AND LIPID PEROXIDATION IN PANCREAS TRANSPLANTATION. Transplantation, 1991, 51, 987-989.	1.0	34
30	Macrophage Overexpressing NGAL Ameliorated Kidney Fibrosis in the UUO Mice Model. Cellular Physiology and Biochemistry, 2017, 42, 1945-1960.	1.6	33
31	Multiparametric monitoring of ischemia-reperfusion in rat kidney: effect of ischemic preconditioning. Transplantation, 2003, 75, 744-749.	1.0	32
32	IGL-1 solution reduces endoplasmic reticulum stress and apoptosis in rat liver transplantation. Cell Death and Disease, 2012, 3, e279-e279.	6.3	31
33	Macrophage-derived Lipocalin-2 contributes to ischemic resistance mechanisms by protecting from renal injury. Scientific Reports, 2016, 6, 21950.	3.3	30
34	NITRIC OXIDE AND ARACHIDONATE METABOLISM IN ISCHEMIA-REPERFUSION ASSOCIATED WITH PANCREAS TRANSPLANTATION. Transplantation, 1995, 59, 417-421.	1.0	30
35	Prognostic Value of Serum Neutrophil Gelatinaseâ€Associated Lipocalin in Metastatic and Nonmetastatic Colorectal Cancer. World Journal of Surgery, 2013, 37, 1103-1109.	1.6	29
36	P-selectin expression and Kupffer cell activation in rat acute pancreatitis. Digestive Diseases and Sciences, 2000, 45, 1535-1544.	2.3	28

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37	MODIFICATION OF GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE IN RESPONSE TO NITRIC OXIDE IN INTESTINAL PRECONDITIONING1. Transplantation, 1999, 67, 1446-1452.	1.0	28
38	Hepatic involvement in pancreatitis-induced lung damage. American Journal of Physiology - Renal Physiology, 1996, 270, G6-G13.	3.4	26
39	Exploring macrophage cell therapy on Diabetic Kidney Disease. Journal of Cellular and Molecular Medicine, 2019, 23, 841-851.	3.6	25
40	miRNA let-7e Modulates the Wnt Pathway and Early Nephrogenic Markers in Mouse Embryonic Stem Cell Differentiation. PLoS ONE, 2013, 8, e60937.	2.5	25
41	Prostanoid generation in early stages of acute pancreatitis: A role for nitric oxide. Inflammation, 1994, 18, 469-480.	3.8	23
42	A SiC microdevice for the minimally invasive monitoring of ischemia in living tissues. Biomedical Microdevices, 2006, 8, 43-49.	2.8	23
43	Caspase-3 activity, response to chemotherapy and clinical outcome in patients with colon cancer. International Journal of Colorectal Disease, 2008, 23, 21-27.	2.2	23
44	Fructose-1,6-biphosphate in rat intestinal preconditioning: involvement of nitric oxide. Gut, 2001, 48, 168-175.	12.1	21
45	Role of Changes in Tissular Nucleotides on the Development of Apoptosis during Ischemia/Reperfusion in Rat Small Bowel. American Journal of Pathology, 2002, 161, 1839-1847.	3.8	21
46	Urinary Neuropilin-1: A Predictive Biomarker for Renal Outcome in Lupus Nephritis. International Journal of Molecular Sciences, 2019, 20, 4601.	4.1	21
47	Xanthine oxidase activation in cerulein-and taurocholate-induced acute pancreatitis in rats. Archives Internationales De Physiologie, De Biochimie Et De Biophysique, 1994, 102, 167-170.	0.1	20
48	Intestinal ischemic preconditioning: Less xanthine accumulation relates with less apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2004, 9, 353-361.	4.9	20
49	Apoptosis inhibition plays a greater role than necrosis inhibition in decreasing bacterial translocation in experimental intestinal transplantation. Surgery, 2005, 137, 85-91.	1.9	20
50	CPT1a gene expression reverses the inflammatory and anti-phagocytic effect of 7-ketocholesterol in RAW264.7 macrophages. Lipids in Health and Disease, 2019, 18, 215.	3.0	19
51	Protaglandin E2 and thromboxane B2 levels in rats subjected to pancreas transplantation. Prostaglandins, 1990, 39, 53-60.	1.2	17
52	Electrical bioimpedance measurement during hypothermic rat kidney preservation for assessing ischemic injury. Biosensors and Bioelectronics, 2005, 20, 1866-1871.	10.1	17
53	Cyclooxygenase and lipoxygenase metabolism in sodium taurocholate induced acute hemorrhagic pancreatitis in rats. Prostaglandins, 1993, 45, 315-322.	1.2	16
54	Protective Effects of Lazaroid U74389G on Intestinal Graft after Heterotopic Small Bowel Transplantation in Rats. Journal of Surgical Research, 1998, 75, 18-23.	1.6	16

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55	Changes of systemic prostacyclin and thromboxane A2 in sodium taurocholate-and cerulein-induced acute pancreatitis in rats. Digestive Diseases and Sciences, 1993, 38, 33-38.	2.3	15
56	Nucleotides modulate renal ischaemia-reperfusion injury by different effects on nitric oxide and superoxide. Clinical and Experimental Pharmacology and Physiology, 2003, 30, 242-248.	1.9	15
57	The Relevance of the UPS in Fatty Liver Graft Preservation: A New Approach for IGL-1 and HTK Solutions. International Journal of Molecular Sciences, 2017, 18, 2287.	4.1	15
58	Role of peroxynitrite on cytoskeleton alterations and apoptosis in renal ischemia-reperfusion. American Journal of Physiology - Renal Physiology, 2007, 292, F1673-F1680.	2.7	14
59	Inhibitory action of Wnt target gene osteopontin on mitochondrial cytochrome c release determines renal ischemic resistance. American Journal of Physiology - Renal Physiology, 2010, 299, F234-F242.	2.7	14
60	Cytoprotective Mechanisms in Fatty Liver Preservation against Cold Ischemia Injury: A Comparison between IGL-1 and HTK. International Journal of Molecular Sciences, 2018, 19, 348.	4.1	14
61	Altered levels of urinary prostanoids in lead-exposed workers. Toxicology Letters, 1995, 77, 309-312.	0.8	13
62	Protective effects of exogenous fructose-1,6-biphosphate during small bowel transplantation in rats. Surgery, 2004, 135, 518-526.	1.9	13
63	Epidemiology of Shiga toxin-producingEscherichia coliO157 in very young calves in the North Island of New Zealand. New Zealand Veterinary Journal, 2012, 60, 21-26.	0.9	13
64	Role of xanthine oxidase and eicosanoids in development of pancreatic ischemia-reperfusion injury. Inflammation, 1995, 19, 469-478.	3.8	12
65	Fructose-1,6-biphosphate and nucleoside pool modifications prevent neutrophil accumulation in the reperfused intestine. Journal of Leukocyte Biology, 2003, 73, 74-81.	3.3	12
66	Lipocalin-2 abrogates epithelial cell cycle arrest by PPARÎ³ inhibition. Laboratory Investigation, 2018, 98, 1408-1422.	3.7	12
67	Prostanoids and oxygen free radicals in early stages of experimental acute pancreatitis. Digestive Diseases and Sciences, 1994, 39, 1537-1543.	2.3	11
68	A bradykinin antagonist inhibited nitric oxide generation and thromboxane biosynthesis in acute pancreatitis. Prostaglandins, 1995, 49, 285-294.	1.2	11
69	Differential effect of nitric oxide inhibition as a function of preservation period in pancreas transplantation. Digestive Diseases and Sciences, 1997, 42, 962-971.	2.3	11
70	Effects of adenosine on ischaemiaâ€“reperfusion injury associated with rat pancreas transplantation. British Journal of Surgery, 2002, 88, 1366-1375.	0.3	11
71	Nephron target sites in chronic exposure to lead. Nephrology Dialysis Transplantation, 1994, 9, 1740-6.	0.7	11
72	Liquid chromatography and radioimmunoassay method for the determination of prostaglandins E1 and E2 in rat embryo incubates. Journal of Chromatography A, 1993, 655, 85-88.	3.7	10

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73	Role of nitric oxide in preconditioning for intestinal transplantation. Transplantation Proceedings, 1999, 31, 2573.	0.6	10
74	Nitric Oxide Enhances Endothelin Production in Pancreas Transplantation. Pancreas, 1997, 14, 369-372.	1.1	9
75	Apoptosis inhibition during preservation by fructose-1,6-diphosphate and theophylline in rat intestinal transplantation. Critical Care Medicine, 2005, 33, 827-834.	0.9	9
76	Nitric oxide and arachidonate metabolism in ischemia-reperfusion associated with pancreas transplantation. Transplantation, 1995, 59, 417-21.	1.0	9
77	EFFECT OF A PLATELET-ACTIVATING FACTOR ANTAGONIST AND DESFERRIOXAMINE ADMINISTRATION ON EICOSANOID PRODUCTION IN RAT PANCREAS TRANSPLANTATION. Transplantation, 1994, 57, 12-16.	1.0	8
78	Role of nitric oxide in apoptosis and cell necrosis for intestinal transplantation. Transplantation Proceedings, 2003, 35, 1931-1932.	0.6	8
79	Tubular Epithelial Cells Transfected With hHGF Counteracts Monocyte Chemotactic Protein-1 Up-regulation After Hypoxia/Reoxygenation Insult. Transplantation Proceedings, 2009, 41, 2069-2072.	0.6	8
80	Carbonic Anhydrase Protects Fatty Liver Grafts against Ischemic Reperfusion Damage. PLoS ONE, 2015, 10, e0134499.	2.5	8
81	Application of totally automated on-line sample clean up system for extraction and high-performance liquid chromatography separation of peptide leukotrienes. Journal of Pharmaceutical and Biomedical Analysis, 1993, 11, 1135-1139.	2.8	7
82	Application of totally automated on-line sample clean up for prostanoid extraction and HPLC separation. Chromatographia, 1993, 36, 33-38.	1.3	7
83	Liver lipoxygenase arachidonic acid metabolites in streptozotocin-induced diabetes in rats. Prostaglandins Leukotrienes and Essential Fatty Acids, 1994, 51, 411-413.	2.2	7
84	Nitric oxide enhances 12-HETE versus LTB4 generation in pancreatic transplantation. Inflammation, 1996, 20, 23-31.	3.8	7
85	Endothelin mediated nitric oxide effects in ischemia–reperfusion associated with pancreas transplantation. Digestive Diseases and Sciences, 1998, 43, 2627-2633.	2.3	7
86	CO2 IN STATIC MESENTERIC VENOUS BLOOD DURING INTESTINAL ISCHEMIA AND ISCHEMIC PRECONDITIONING IN RATS. Shock, 2001, 16, 403-408.	2.1	7
87	Exogenous adenosine enhances caspase-3 activity in warm renal ischaemia. Pflugers Archiv European Journal of Physiology, 2004, 447, 387-391.	2.8	7
88	Arachidonate metabolism in ischemia-reperfusion associated with pancreas transplantation. Journal of Lipid Mediators and Cell Signalling, 1994, 9, 135-43.	0.9	7
89	Instrumentation system for in vivo organ studies. , 0, , .		6
90	Administration of nitric oxide with caspase inhibitors minimizes bacterial translocation in experimental intestinal transplantation. Transplantation, 2004, 77, 177-183.	1.0	6

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91	Infusion of Phagocytic Macrophages Overexpressing CPT1a Ameliorates Kidney Fibrosis in the UUO Model. Cells, 2021, 10, 1650.	4.1	6
92	Mitochondrial Transplantation Enhances Phagocytic Function and Decreases Lipid Accumulation in Foam Cell Macrophages. Biomedicines, 2022, 10, 329.	3.2	6
93	Solid-phase extraction of prostanoids using an automatic sample preparation system. Journal of Chromatography A, 1992, 607, 239-243.	3.7	5
94	Human and experimental studies on renal eicosanoid response to long-term cadmium exposure. Toxicology and Applied Pharmacology, 1992, 116, 155-160.	2.8	5
95	Altered levels of tissue and urinary prostacyclin in rats subjected to pancreas transplantation. Prostaglandins, 1991, 41, 529-536.	1.2	4
96	Pancreas Lipoxygenase Arachidonic Acid Metabolites Production in Streptozotocin-Induced Diabetes in Rats. Hormone and Metabolic Research, 1994, 26, 387-388.	1.5	4
97	Calcium Channel Blockers in Experimental Acute Pancreatitis. Pancreas, 1996, 12, 178-182.	1.1	4
98	Pancreas prostanoid production in ischemia and reperfusion. Prostaglandins, 1992, 43, 497-501.	1.2	3
99	Altered leukotriene B4 levels by HL-60 cells after monocytic/macrophage differentiation. Agents and Actions, 1993, 40, 72-77.	0.7	3
100	Newly attenuated Mycobacterium bovis mutants as vaccines against bovine tuberculosis, particularly for possums. Veterinary Microbiology, 2011, 151, 99-103.	1.9	3
101	Microencapsulated macrophages releases conditioned medium able to prevent epithelial to mesenchymal transition. Drug Delivery, 2018, 25, 91-101.	5.7	3
102	CPT1a downregulation protects against cholesterol-induced fibrosis in tubular epithelial cells by downregulating TGFÎ²-1 and inflammasome. Biochemical and Biophysical Research Communications, 2019, 517, 715-721.	2.1	3
103	The influenza virus NS1A binding protein gene modulates macrophages response to cytokines and phagocytic potential in inflammation. Scientific Reports, 2020, 10, 15302.	3.3	3
104	NITRIC OXIDE AND ARACHIDONATE METABOLISM IN ISCHEMIA-REPERFUSION ASSOCIATED WITH PANCREAS TRANSPLANTATION. Transplantation, 1995, 59, 417-421.	1.0	3
105	NGAL release from peripheral blood mononuclear cells protects against acute kidney injury and prevents AKI induced fibrosis. Biomedicine and Pharmacotherapy, 2022, 153, 113415.	5.6	3
106	Prostanoids and cyclosporin-mediated nephrotoxicity in rats: A critical appraisal. Prostaglandins Leukotrienes and Essential Fatty Acids, 1995, 52, 49-53.	2.2	2
107	Free radical ablation prevents ischemic injury after long periods of cold storage in rat pancreas transplantation. Transplantation Proceedings, 1990, 22, 2241-2.	0.6	2
108	Altered systemic and tissue prostacyclin in cerulein induced acute pancreatitis in rats. Prostaglandins Leukotrienes and Essential Fatty Acids, 1992, 46, 261-264.	2.2	1

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109	New Insights in Fatty Liver Preservation: A Role for Carbonic Anhydrase II.. Transplantation, 2014, 98, 372.	1.0	1
110	THE IMPACT OF ARTERIALIZATION ON PROSTANOID GENERATION AFTER LIVER TRANSPLANTATION IN THE RAT1. Transplantation, 1994, 58, 140-143.	1.0	0
111	FP293BONE MARROW M2 MACROPHAGE CELL THERAPY DOES NOT INDUCE RENOPROTECTION IN UUO MICE MODEL. Nephrology Dialysis Transplantation, 2015, 30, iii165-iii165.	0.7	0