

Patricia A Loughran

List of Publications by Year in descending order

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49
papers

3,523
citations

201674

27
h-index

197818

49
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51
all docs

51
docs citations

51
times ranked

5152
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil Extracellular Traps Promote the Development and Progression of Liver Metastases after Surgical Stress. <i>Cancer Research</i> , 2016, 76, 1367-1380.	0.9	491
2	Damage-associated molecular pattern-activated neutrophil extracellular trap exacerbates sterile inflammatory liver injury. <i>Hepatology</i> , 2015, 62, 600-614.	7.3	370
3	Neutrophil extracellular traps promote inflammation and development of hepatocellular carcinoma in nonalcoholic steatohepatitis. <i>Hepatology</i> , 2018, 68, 1347-1360.	7.3	291
4	Platelet-derived HMGB1 is a critical mediator of thrombosis. <i>Journal of Clinical Investigation</i> , 2015, 125, 4638-4654.	8.2	281
5	Safety and Biologic Response of Pre-operative Autophagy Inhibition in Combination with Gemcitabine in Patients with Pancreatic Adenocarcinoma. <i>Annals of Surgical Oncology</i> , 2015, 22, 4402-4410.	1.5	187
6	Deep vein thrombosis in mice is regulated by platelet HMGB1 through release of neutrophil-extracellular traps and DNA. <i>Scientific Reports</i> , 2018, 8, 2068.	3.3	133
7	Neutrophil Extracellular Traps Drive Mitochondrial Homeostasis in Tumors to Augment Growth. <i>Cancer Research</i> , 2019, 79, 5626-5639.	0.9	129
8	Immune-responsive Gene 1/Itaconate Activates Nuclear Factor Erythroid 2-related Factor 2 in Hepatocytes to Protect Against Liver Ischemia-reperfusion Injury. <i>Hepatology</i> , 2020, 72, 1394-1411.	7.3	124
9	Hepatocyte-specific high-mobility group box 1 deletion worsens the injury in liver ischemia/reperfusion: A role for intracellular high-mobility group box 1 in cellular protection. <i>Hepatology</i> , 2014, 59, 1984-1997.	7.3	123
10	Adenosine monophosphate-activated protein kinase activation protects against sepsis-induced organ injury and inflammation. <i>Journal of Surgical Research</i> , 2015, 194, 262-272.	1.6	91
11	Hypoxia mediates mitochondrial biogenesis in hepatocellular carcinoma to promote tumor growth through HMGB1 and TLR9 interaction. <i>Hepatology</i> , 2017, 66, 182-197.	7.3	89
12	IL-33 exacerbates liver sterile inflammation by amplifying neutrophil extracellular trap formation. <i>Journal of Hepatology</i> , 2018, 68, 130-139.	3.7	83
13	LPS Induces Active HMGB1 Release From Hepatocytes Into Exosomes Through the Coordinated Activities of TLR4 and Caspase-11/GSDMD Signaling. <i>Frontiers in Immunology</i> , 2020, 11, 229.	4.8	81
14	cGAS-mediated autophagy protects the liver from ischemia-reperfusion injury independently of STING. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G655-G667.	3.4	74
15	Platelet TLR4-ERK5 Axis Facilitates NET-Mediated Capturing of Circulating Tumor Cells and Distant Metastasis after Surgical Stress. <i>Cancer Research</i> , 2021, 81, 2373-2385.	0.9	72
16	Enhanced Neutrophil Extracellular Trap Formation in Acute Pancreatitis Contributes to Disease Severity and Is Reduced by Chloroquine. <i>Frontiers in Immunology</i> , 2019, 10, 28.	4.8	68
17	Toll-like Receptor 4 (TLR4) Antagonist Eritoran Tetrasodium Attenuates Liver Ischemia and Reperfusion Injury through Inhibition of High-Mobility Group Protein B1 (HMGB1) Signaling. <i>Molecular Medicine</i> , 2014, 20, 639-648.	4.4	59
18	Shedding of the tumor necrosis factor (TNF) receptor from the surface of hepatocytes during sepsis limits inflammation through cGMP signaling. <i>Science Signaling</i> , 2015, 8, ra11.	3.6	56

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19	Toll-Like Receptor 4 Regulates Platelet Function and Contributes to Coagulation Abnormality and Organ Injury in Hemorrhagic Shock and Resuscitation. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 615-624.	5.1	51
20	Platelet-derived extracellular vesicles released after trauma promote hemostasis and contribute to DVT in mice. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 1733-1745.	3.8	49
21	CaMKIV-Dependent Preservation of mTOR Expression Is Required for Autophagy during Lipopolysaccharide-Induced Inflammation and Acute Kidney Injury. <i>Journal of Immunology</i> , 2014, 193, 2405-2415.	0.8	47
22	Platelet-derived high-mobility group box 1 promotes recruitment and suppresses apoptosis of monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 143-148.	2.1	45
23	Platelet HMGB1 is required for efficient bacterial clearance in intra-abdominal bacterial sepsis in mice. <i>Blood Advances</i> , 2018, 2, 638-648.	5.2	41
24	Lipopolysaccharide Stimulates p62-Dependent Autophagy-Like Aggregate Clearance in Hepatocytes. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	32
25	Gasdermin D protects against noninfectious liver injury by regulating apoptosis and necroptosis. <i>Cell Death and Disease</i> , 2019, 10, 481.	6.3	31
26	Hepatic Surgical Stress Promotes Systemic Immunothrombosis That Results in Distant Organ Injury. <i>Frontiers in Immunology</i> , 2020, 11, 987.	4.8	30
27	Notch signaling protects CD4 T cells from STING-mediated apoptosis during acute systemic inflammation. <i>Science Advances</i> , 2020, 6, .	10.3	29
28	A road map from single-cell transcriptome to patient classification for the immune response to trauma. <i>JCI Insight</i> , 2021, 6, .	5.0	29
29	TSLP protects against liver I/R injury via activation of the PI3K/Akt pathway. <i>JCI Insight</i> , 2019, 4, .	5.0	27
30	Interleukin-33 contributes to ILC2 activation and early inflammation-associated lung injury during abdominal sepsis. <i>Immunology and Cell Biology</i> , 2018, 96, 935-947.	2.3	25
31	Computational Analysis Supports IL-17A as a Central Driver of Neutrophil Extracellular Trap-Mediated Injury in Liver Ischemia Reperfusion. <i>Journal of Immunology</i> , 2019, 202, 268-277.	0.8	25
32	The platelet NLRP3 inflammasome is upregulated in a murine model of pancreatic cancer and promotes platelet aggregation and tumor growth. <i>Annals of Hematology</i> , 2019, 98, 1603-1610.	1.8	19
33	Exercise Training Decreases Hepatic Injury and Metastases Through Changes in Immune Response to Liver Ischemia/Reperfusion in Mice. <i>Hepatology</i> , 2021, 73, 2494-2509.	7.3	19
34	Maresin 1 protects the liver against ischemia/reperfusion injury via the ALXR/Akt signaling pathway. <i>Molecular Medicine</i> , 2021, 27, 18.	4.4	19
35	Inhaled Carbon Monoxide Protects against the Development of Shock and Mitochondrial Injury following Hemorrhage and Resuscitation. <i>PLoS ONE</i> , 2015, 10, e0135032.	2.5	17
36	Interferon β (IFN- β) Production during the Double-stranded RNA (dsRNA) Response in Hepatocytes Involves Coordinated and Feedforward Signaling through Toll-like Receptor 3 (TLR3), RNA-dependent Protein Kinase (PKR), Inducible Nitric Oxide Synthase (iNOS), and Src Protein. <i>Journal of Biological Chemistry</i> , 2016, 291, 15093-15107.	3.4	17

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37	Extracellular Cyclophilin A Augments Platelet-Dependent Thrombosis and Thromboinflammation. <i>Thrombosis and Haemostasis</i> , 2017, 117, 2063-2078.	3.4	16
38	Hepatocytes Are Resistant to Cell Death From Canonical and Non-Canonical Inflammasome-Activated Pyroptosis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 739-757.	4.5	16
39	Toll-Like Receptor 4 on both Myeloid Cells and Dendritic Cells Is Required for Systemic Inflammation and Organ Damage after Hemorrhagic Shock with Tissue Trauma in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 1672.	4.8	15
40	Heme Oxygenase-2 Localizes to Mitochondria and Regulates Hypoxic Responses in Hepatocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	4.0	13
41	Encouraging long-term survival following autophagy inhibition using neoadjuvant hydroxychloroquine and gemcitabine for high-risk patients with resectable pancreatic carcinoma. <i>Cancer Medicine</i> , 2021, 10, 7233-7241.	2.8	12
42	TLR9 signaling in fibroblastic reticular cells regulates peritoneal immunity. <i>Journal of Clinical Investigation</i> , 2019, 129, 3657-3669.	8.2	12
43	Delayed inhaled carbon monoxide mediates the regression of established neointimal lesions. <i>Journal of Vascular Surgery</i> , 2015, 61, 1026-1033.	1.1	9
44	NK1.1+ cells promote sustained tissue injury and inflammation after trauma with hemorrhagic shock. <i>Journal of Leukocyte Biology</i> , 2017, 102, 127-134.	3.3	9
45	Hepatocyte high-mobility group box 1 protects against steatosis and cellular stress during high fat diet feeding. <i>Molecular Medicine</i> , 2020, 26, 115.	4.4	9
46	Drag reducing polymers decrease hepatic injury and metastases after liver ischemia-reperfusion. <i>Oncotarget</i> , 2017, 8, 59854-59866.	1.8	9
47	Caspase1/11 signaling affects muscle regeneration and recovery following ischemia, and can be modulated by chloroquine. <i>Molecular Medicine</i> , 2020, 26, 69.	4.4	6
48	A Tissue Perfusion Harvest Model for Optimal Multisystem Comparisons of Pathobiology. <i>Current Protocols</i> , 2022, 2, e343.	2.9	1
49	TNF signaling induces the tumor necrosis factor receptor-1 (TNFR1) complex with the members of death-inducing signaling complex (DISC) to localize the nucleus in hepatocytes. <i>FASEB Journal</i> , 2008, 22, 1238.8.	0.5	0