

Thomas M McIntyre

List of Publications by Year in descending order

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71
papers

8,473
citations

66343

42
h-index

91884

69
g-index

72
all docs

72
docs citations

72
times ranked

10527
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut Microbial Metabolite TMAO Enhances Platelet Hyperreactivity and Thrombosis Risk. <i>Cell</i> , 2016, 165, 111-124.	28.9	1,358
2	Platelet-Activating Factor and Related Lipid Mediators. <i>Annual Review of Biochemistry</i> , 2000, 69, 419-445.	11.1	668
3	Activated platelets mediate inflammatory signaling by regulated interleukin 1 β synthesis. <i>Journal of Cell Biology</i> , 2001, 154, 485-490.	5.2	633
4	Escaping the Nuclear Confines: Signal-Dependent Pre-mRNA Splicing in Anucleate Platelets. <i>Cell</i> , 2005, 122, 379-391.	28.9	588
5	Identification of an intracellular receptor for lysophosphatidic acid (LPA): LPA is a transcellular PPAR α agonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 131-136.	7.1	525
6	Protein kinase C regulates the nuclear localization of diacylglycerol kinase-1 η . <i>Nature</i> , 1998, 394, 697-700.	27.8	263
7	Oxidized Alkyl Phospholipids Are Specific, High Affinity Peroxisome Proliferator-activated Receptor δ^3 Ligands and Agonists. <i>Journal of Biological Chemistry</i> , 2001, 276, 16015-16023.	3.4	243
8	Plasma Platelet-activating Factor Acetylhydrolase Is a Secreted Phospholipase A2 with a Catalytic Triad. <i>Journal of Biological Chemistry</i> , 1995, 270, 25481-25487.	3.4	206
9	Lipopolysaccharide Signaling without a Nucleus: Kinase Cascades Stimulate Platelet Shedding of Proinflammatory IL-1 β -Rich Microparticles. <i>Journal of Immunology</i> , 2011, 186, 5489-5496.	0.8	196
10	Lysophosphatidic Acid Induces Neointima Formation Through PPAR δ^3 Activation. <i>Journal of Experimental Medicine</i> , 2004, 199, 763-774.	8.5	190
11	Release of Free F2-isoprostanes from Esterified Phospholipids Is Catalyzed by Intracellular and Plasma Platelet-activating Factor Acetylhydrolases. <i>Journal of Biological Chemistry</i> , 2006, 281, 4616-4623.	3.4	190
12	Cancer Stem Cell-Specific Scavenger Receptor CD36 Drives Glioblastoma Progression. <i>Stem Cells</i> , 2014, 32, 1746-1758.	3.2	182
13	Inflammatory Platelet-activating Factor-like Phospholipids in Oxidized Low Density Lipoproteins Are Fragmented Alkyl Phosphatidylcholines. <i>Journal of Biological Chemistry</i> , 1999, 274, 28395-28404.	3.4	169
14	Platelet-activating factor: a mediator for clinicians. <i>Journal of Internal Medicine</i> , 1995, 238, 5-20.	6.0	143
15	The emerging roles of PAF acetylhydrolase. <i>Journal of Lipid Research</i> , 2009, 50, S255-S259.	4.2	133
16	Cell-cell interactions: leukocyte-endothelial interactions. <i>Current Opinion in Hematology</i> , 2003, 10, 150-158.	2.5	130
17	Mutant IDH1 and thrombosis in gliomas. <i>Acta Neuropathologica</i> , 2016, 132, 917-930.	7.7	130
18	mTOR-dependent synthesis of Bcl-3 controls the retraction of fibrin clots by activated human platelets. <i>Blood</i> , 2007, 109, 1975-1983.	1.4	123

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19	Integrin-dependent Control of Translation: Engagement of Integrin α IIb β 3 Regulates Synthesis of Proteins in Activated Human Platelets. <i>Journal of Cell Biology</i> , 1999, 144, 175-184.	5.2	121
20	The Role of Platelet Activation and Inflammation in Early Brain Injury Following Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2017, 26, 48-57.	2.4	112
21	Lipopolysaccharide Stimulates Platelets through an IL-1 β Autocrine Loop. <i>Journal of Immunology</i> , 2013, 191, 5196-5203.	0.8	103
22	Platelet-activating factor acetylhydrolase activity in human tissues and blood cells. <i>Lipids</i> , 1991, 26, 979-985.	1.7	100
23	Ultraviolet B Radiation Generates Platelet-activating Factor-like Phospholipids underlying Cutaneous Damage. <i>Journal of Biological Chemistry</i> , 2005, 280, 35448-35457.	3.4	96
24	Cyclooxygenase-2 Is Induced in Monocytes by Peroxisome Proliferator Activated Receptor γ 3 and Oxidized Alkyl Phospholipids from Oxidized Low Density Lipoprotein. <i>Journal of Biological Chemistry</i> , 2002, 277, 13029-13036.	3.4	94
25	Exosome polyubiquitin inhibits platelet activation, downregulates CD36 and inhibits proatherothrombotic cellular functions. <i>Journal of Thrombosis and Haemostasis</i> , 2014, 12, 1906-1917.	3.8	86
26	Cytotoxic Phospholipid Oxidation Products. <i>Journal of Biological Chemistry</i> , 2007, 282, 24842-24850.	3.4	79
27	Ferric chloride-induced murine carotid arterial injury: A model of redox pathology. <i>Redox Biology</i> , 2013, 1, 50-55.	9.0	76
28	Chronic ethanol ingestion induces oxidative kidney injury through taurine-inhibitable inflammation. <i>Free Radical Biology and Medicine</i> , 2014, 69, 403-416.	2.9	64
29	Expression of fatty acid-CoA ligase 4 during development and in brain. <i>FEBS Letters</i> , 2000, 467, 263-267.	2.8	63
30	Sol Sherry Lecture in Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 727-733.	2.4	62
31	Fluid flow activates a regulator of translation, p70/p85 S6 kinase, in human endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 278, H1537-H1544.	3.2	61
32	Activation of vascular cells by PAF-like lipids in oxidized LDL. <i>Vascular Pharmacology</i> , 2002, 38, 193-200.	2.1	60
33	Phospholipase Action of Platelet-activating Factor Acetylhydrolase, but Not Paraoxonase-1, on Long Fatty Acyl Chain Phospholipid Hydroperoxides. <i>Journal of Biological Chemistry</i> , 2007, 282, 100-108.	3.4	60
34	Platelet Activation by Low Concentrations of Intact Oxidized LDL Particles Involves the PAF Receptor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 363-371.	2.4	60
35	ADAMDEC1 Maintains a Growth Factor Signaling Loop in Cancer Stem Cells. <i>Cancer Discovery</i> , 2019, 9, 1574-1589.	9.4	59
36	Chronic Alcohol Exposure Increases Circulating Bioactive Oxidized Phospholipids. <i>Journal of Biological Chemistry</i> , 2010, 285, 22211-22220.	3.4	58

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37	Bioactive oxidatively truncated phospholipids in inflammation and apoptosis: Formation, targets, and inactivation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2456-2464.	2.6	56
38	D-2-Hydroxyglutarate Is an Intercellular Mediator in IDH-Mutant Gliomas Inhibiting Complement and T Cells. <i>Clinical Cancer Research</i> , 2018, 24, 5381-5391.	7.0	55
39	Human TMEM30a Promotes Uptake of Antitumor and Bioactive Choline Phospholipids into Mammalian Cells. <i>Journal of Immunology</i> , 2011, 186, 3215-3225.	0.8	53
40	Human endothelial cells regulate polymorphonuclear leukocyte degranulation. <i>FASEB Journal</i> , 1998, 12, 733-746.	0.5	51
41	Proteasome Proteolysis Supports Stimulated Platelet Function and Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 160-168.	2.4	48
42	Analysis of oxidized glycerophosphocholine lipids using electrospray ionization mass spectrometry and microderivatization techniques. , 2000, 35, 224-236.		46
43	Intracellular PAF catabolism by PAF acetylhydrolase counteracts continual PAF synthesis. <i>Journal of Lipid Research</i> , 2007, 48, 2365-2376.	4.2	44
44	Lipid Oxidation and Cardiovascular Disease: Introduction to a Review Series. <i>Circulation Research</i> , 2010, 107, 1167-1169.	4.5	44
45	Oxidatively Truncated Phospholipids Are Required Agents of Tumor Necrosis Factor $\hat{\pm}$ (TNF $\hat{\pm}$)-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 17693-17705.	3.4	42
46	Myeloperoxidase formation of PAF receptor ligands induces PAF receptor-dependent kidney injury during ethanol consumption. <i>Free Radical Biology and Medicine</i> , 2015, 86, 179-190.	2.9	40
47	Intracellular Erythrocyte Platelet-activating Factor Acetylhydrolase I Inactivates Aspirin in Blood. <i>Journal of Biological Chemistry</i> , 2011, 286, 34820-34829.	3.4	39
48	Suppression of Mitochondrial Function by Oxidatively Truncated Phospholipids Is Reversible, Aided by Bid, and Suppressed by Bcl-XL. <i>Journal of Biological Chemistry</i> , 2009, 284, 26297-26308.	3.4	37
49	Circulating Platelet-Activating Factor Is Primarily Cleared by Transport, Not Intravascular Hydrolysis by Lipoprotein-Associated Phospholipase A ₂ / PAF Acetylhydrolase. <i>Circulation Research</i> , 2011, 108, 469-477.	4.5	37
50	Thymidine Phosphorylase Participates in Platelet Signaling and Promotes Thrombosis. <i>Circulation Research</i> , 2014, 115, 997-1006.	4.5	37
51	CD36 Enhances Vascular Smooth Muscle Cell Proliferation and Development of Neointimal Hyperplasia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 263-275.	2.4	35
52	A yeast PAF acetylhydrolase ortholog suppresses oxidative death. <i>Free Radical Biology and Medicine</i> , 2008, 45, 434-442.	2.9	32
53	Deubiquitinases Modulate Platelet Proteome Ubiquitination, Aggregation, and Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2657-2666.	2.4	27
54	The soluble protease ADAMDEC1 released from activated platelets hydrolyzes platelet membrane pro-epidermal growth factor (EGF) to active high-molecular-weight EGF. <i>Journal of Biological Chemistry</i> , 2017, 292, 10112-10122.	3.4	23

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55	Epidermal Growth Factor (EGF) Autocrine Activation of Human Platelets Promotes EGF Receptor-Dependent Oral Squamous Cell Carcinoma Invasion, Migration, and Epithelial Mesenchymal Transition. <i>Journal of Immunology</i> , 2018, 201, 2154-2164.	0.8	23
56	Apolipoprotein A1 Regulates Coenzyme Q10 Absorption, Mitochondrial Function, and Infarct Size in a Mouse Model of Myocardial Infarction. <i>Journal of Nutrition</i> , 2014, 144, 1030-1036.	2.9	22
57	Modulation of inflammatory platelet-activating factor (PAF) receptor by the acyl analogue of PAF. <i>Journal of Lipid Research</i> , 2018, 59, 2063-2074.	4.2	22
58	Sonic hedgehog signaling in hepatocellular carcinoma: A pilot study. <i>Molecular and Clinical Oncology</i> , 2016, 4, 369-374.	1.0	21
59	Bacterial lipopolysaccharide induces endothelial cells to synthesize a degranulating factor for neutrophils. <i>FASEB Journal</i> , 1998, 12, 673-684.	0.5	20
60	Enhanced Sphingomyelinase Activity Contributes to the Apoptotic Capacity of Electronegative Low-Density Lipoprotein. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1032-1040.	6.4	19
61	Regulation of Platelet-Activating Factor (PAF) Synthesis and PAF-Mediated Neutrophil Adhesion to Endothelial Cells Activated by Thrombin. <i>Seminars in Thrombosis and Hemostasis</i> , 1992, 18, 126-134.	2.7	17
62	Circulating biologically active oxidized phospholipids show on-going and increased oxidative stress in older male mice. <i>Redox Biology</i> , 2013, 1, 110-114.	9.0	17
63	<i>Escherichia coli</i> Braun Lipoprotein (BLP) exhibits endotoxemia-like pathology in Swiss albino mice. <i>Scientific Reports</i> , 2016, 6, 34666.	3.3	17
64	Protein Kinase C Regulates the Synthesis of Platelet-activating Factor by Human Monocytes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1991, 4, 148-155.	2.9	13
65	Acute phase protein, α_1 -acid glycoprotein (AGP-1), has differential effects on TLR-2 and TLR-4 mediated responses. <i>Immunobiology</i> , 2019, 224, 672-680.	1.9	12
66	Lipopolysaccharide Cross-Tolerance Delays Platelet-Activating Factor-Induced Sudden Death in Swiss Albino Mice: Involvement of Cyclooxygenase in Cross-Tolerance. <i>PLoS ONE</i> , 2016, 11, e0153282.	2.5	12
67	Inflammatory PAF Receptor Signaling Initiates Hedgehog Signaling and Kidney Fibrogenesis During Ethanol Consumption. <i>PLoS ONE</i> , 2015, 10, e0145691.	2.5	11
68	Platelet-activating factor receptor affects food intake and body weight. <i>Genes and Diseases</i> , 2015, 2, 255-260.	3.4	10
69	PAF is a potent pyrogen and cryogen in rodents, but it does not mediate thermoregulatory responses to bacterial endotoxin. <i>Temperature</i> , 2015, 2, 449-450.	3.0	2
70	Platelet-activating factor and oxidized phosphatidylcholines do not suppress endotoxin-induced pro-inflammatory signaling among human myeloid and endothelial cells. <i>AIMS Allergy and Immunology</i> , 2017, 1, 108-123.	0.5	2
71	Abstract 192: The Relationship of Platelet-leukocyte Aggregates and Early Brain Injury After Subarachnoid Hemorrhage. <i>Stroke</i> , 2017, 48, .	2.0	0