

Pal Pacher

List of Publications by Year in descending order

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378
papers

47,396
citations

1299

109
h-index

2178

202
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394
all docs

394
docs citations

394
times ranked

48411
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitric Oxide and Peroxynitrite in Health and Disease. <i>Physiological Reviews</i> , 2007, 87, 315-424.	13.1	5,209
2	The Endocannabinoid System as an Emerging Target of Pharmacotherapy. <i>Pharmacological Reviews</i> , 2006, 58, 389-462.	7.1	2,274
3	Adenosine receptors: therapeutic aspects for inflammatory and immune diseases. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 759-770.	21.5	990
4	Therapeutic Effects of Xanthine Oxidase Inhibitors: Renaissance Half a Century after the Discovery of Allopurinol. <i>Pharmacological Reviews</i> , 2006, 58, 87-114.	7.1	984
5	CD39 and CD73 in immunity and inflammation. <i>Trends in Molecular Medicine</i> , 2013, 19, 355-367.	3.5	914
6	Endocannabinoid activation at hepatic CB1 receptors stimulates fatty acid synthesis and contributes to diet-induced obesity. <i>Journal of Clinical Investigation</i> , 2005, 115, 1298-1305.	3.9	847
7	Measurement of cardiac function using pressure-volume conductance catheter technique in mice and rats. <i>Nature Protocols</i> , 2008, 3, 1422-1434.	5.5	633
8	NO-independent stimulators and activators of soluble guanylate cyclase: discovery and therapeutic potential. <i>Nature Reviews Drug Discovery</i> , 2006, 5, 755-768.	21.5	623
9	Activation of the Peripheral Endocannabinoid System in Human Obesity. <i>Diabetes</i> , 2005, 54, 2838-2843.	0.3	619
10	Immunity, inflammation and cancer: a leading role for adenosine. <i>Nature Reviews Cancer</i> , 2013, 13, 842-857.	12.8	612
11	Endocannabinoid signaling at the periphery: 50 years after THC. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 277-296.	4.0	524
12	Cannabinoids mediate analgesia largely via peripheral type 1 cannabinoid receptors in nociceptors. <i>Nature Neuroscience</i> , 2007, 10, 870-879.	7.1	504
13	Endocannabinoid activation at hepatic CB1 receptors stimulates fatty acid synthesis and contributes to diet-induced obesity. <i>Journal of Clinical Investigation</i> , 2005, 115, 1298-1305.	3.9	494
14	Soluble Guanylate Cyclase as an Emerging Therapeutic Target in Cardiopulmonary Disease. <i>Circulation</i> , 2011, 123, 2263-2273.	1.6	483
15	Dysregulation of the Peripheral and Adipose Tissue Endocannabinoid System in Human Abdominal Obesity. <i>Diabetes</i> , 2006, 55, 3053-3060.	0.3	477
16	Cannabidiol Attenuates Cardiac Dysfunction, Oxidative Stress, Fibrosis, and Inflammatory and Cell Death Signaling Pathways in Diabetic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2010, 56, 2115-2125.	1.2	389
17	Resveratrol induces mitochondrial biogenesis in endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H13-H20.	1.5	378
18	Drug-induced mitochondrial dysfunction and cardiotoxicity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1453-H1467.	1.5	377

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19	Is lipid signaling through cannabinoid 2 receptors part of a protective system?. Progress in Lipid Research, 2011, 50, 193-211.	5.3	362
20	Evidence for novel cannabinoid receptors. , 2005, 106, 133-145.		350
21	Role of the Peroxynitrite-Poly(ADP-Ribose) Polymerase Pathway in Human Disease. American Journal of Pathology, 2008, 173, 2-13.	1.9	348
22	Cardiovascular Side Effects of New Antidepressants and Antipsychotics: New Drugs, old Concerns?. Current Pharmaceutical Design, 2004, 10, 2463-2475.	0.9	344
23	Simultaneous detection of apoptosis and mitochondrial superoxide production in live cells by flow cytometry and confocal microscopy. Nature Protocols, 2007, 2, 2295-2301.	5.5	324
24	Modulating the endocannabinoid system in human health and disease – successes and failures. FEBS Journal, 2013, 280, 1918-1943.	2.2	315
25	Role of superoxide, nitric oxide, and peroxynitrite in doxorubicin-induced cell death in vivo and in vitro. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1466-H1483.	1.5	314
26	Role of Nitrosative Stress and Peroxynitrite in the Pathogenesis of Diabetic Complications. Emerging New Therapeutic Strategies. Current Medicinal Chemistry, 2005, 12, 267-275.	1.2	308
27	Adenosine promotes alternative macrophage activation via A2A and A2B receptors. FASEB Journal, 2012, 26, 376-386.	0.2	306
28	Endocannabinoids Acting at Cannabinoid-1 Receptors Regulate Cardiovascular Function in Hypertension. Circulation, 2004, 110, 1996-2002.	1.6	304
29	Resveratrol attenuates mitochondrial oxidative stress in coronary arterial endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1876-H1881.	1.5	300
30	The Role of Poly(ADP-Ribose) Polymerase Activation in the Development of Myocardial and Endothelial Dysfunction in Diabetes. Diabetes, 2002, 51, 514-521.	0.3	286
31	Cardiovascular effects of marijuana and synthetic cannabinoids: the good, the bad, and the ugly. Nature Reviews Cardiology, 2018, 15, 151-166.	6.1	286
32	Simple quantitative detection of mitochondrial superoxide production in live cells. Biochemical and Biophysical Research Communications, 2007, 358, 203-208.	1.0	283
33	Role of Poly(ADP-Ribose) polymerase 1 (PARP1) in Cardiovascular Diseases: The Therapeutic Potential of PARP Inhibitors. Cardiovascular Drug Reviews, 2007, 25, 235-260.	4.4	282
34	Cannabinoid CB2 receptor ligand profiling reveals biased signalling and off-target activity. Nature Communications, 2017, 8, 13958.	5.8	265
35	Potent Metalloporphyrin Peroxynitrite Decomposition Catalyst Protects Against the Development of Doxorubicin-Induced Cardiac Dysfunction. Circulation, 2003, 107, 896-904.	1.6	263
36	Endothelial dysfunction and angiogenesis impairment in the ageing vasculature. Nature Reviews Cardiology, 2018, 15, 555-565.	6.1	256

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37	Vasoprotective effects of resveratrol and SIRT1: attenuation of cigarette smoke-induced oxidative stress and proinflammatory phenotypic alterations. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H2721-H2735.	1.5	246
38	Adenosine Augments IL-10 Production by Macrophages through an A2B Receptor-Mediated Posttranscriptional Mechanism. <i>Journal of Immunology</i> , 2005, 175, 8260-8270.	0.4	237
39	Interplay of oxidative, nitrosative/nitrative stress, inflammation, cell death and autophagy in diabetic cardiomyopathy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 232-242.	1.8	232
40	Role of Poly(ADP-Ribose) Polymerase Activation in Diabetic Neuropathy. <i>Diabetes</i> , 2004, 53, 711-720.	0.3	224
41	CB ₂ -receptor stimulation attenuates TNF- α -induced human endothelial cell activation, transendothelial migration of monocytes, and monocyte-endothelial adhesion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H2210-H2218.	1.5	223
42	Propagation of the apoptotic signal by mitochondrial waves. <i>EMBO Journal</i> , 2001, 20, 4107-4121.	3.5	219
43	Nitrosative stress and pharmacological modulation of heart failure. <i>Trends in Pharmacological Sciences</i> , 2005, 26, 302-310.	4.0	217
44	Cannabinoid α 2 receptor mediates protection against hepatic ischemia/reperfusion injury. <i>FASEB Journal</i> , 2007, 21, 1788-1800.	0.2	215
45	Cannabinoid 1 Receptor Promotes Cardiac Dysfunction, Oxidative Stress, Inflammation, and Fibrosis in Diabetic Cardiomyopathy. <i>Diabetes</i> , 2012, 61, 716-727.	0.3	214
46	A2B adenosine receptors in immunity and inflammation. <i>Trends in Immunology</i> , 2009, 30, 263-270.	2.9	208
47	Cannabidiol Attenuates Cisplatin-Induced Nephrotoxicity by Decreasing Oxidative/Nitrosative Stress, Inflammation, and Cell Death. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 708-714.	1.3	207
48	The endocannabinoid system of the skin in health and disease: novel perspectives and therapeutic opportunities. <i>Trends in Pharmacological Sciences</i> , 2009, 30, 411-420.	4.0	207
49	A2A receptors in inflammation and injury: lessons learned from transgenic animals. <i>Journal of Leukocyte Biology</i> , 2008, 83, 447-455.	1.5	206
50	Lipopolysaccharide Induces Anandamide Synthesis in Macrophages via CD14/MAPK/Phosphoinositide 3-Kinase/NF- κ B Independently of Platelet-activating Factor. <i>Journal of Biological Chemistry</i> , 2003, 278, 45034-45039.	1.6	203
51	Oxidative-Nitrosative Stress and Poly(ADP-Ribose) Polymerase (PARP) Activation in Experimental Diabetic Neuropathy: The Relation Is Revisited. <i>Diabetes</i> , 2005, 54, 3435-3441.	0.3	201
52	Shaping of monocyte and macrophage function by adenosine receptors. , 2007, 113, 264-275.		199
53	CB ₂ cannabinoid receptor agonists attenuate TNF α -induced human vascular smooth muscle cell proliferation and migration. <i>British Journal of Pharmacology</i> , 2008, 153, 347-357.	2.7	193
54	Pharmacological Inhibition of CB1 Cannabinoid Receptor Protects Against Doxorubicin-Induced Cardiotoxicity. <i>Journal of the American College of Cardiology</i> , 2007, 50, 528-536.	1.2	188

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55	Activation of Poly(ADP-Ribose) Polymerase-1 Is a Central Mechanism of Lipopolysaccharide-Induced Acute Lung Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 165, 372-377.	2.5	187
56	Role of Oxidative-Nitrosative Stress and Downstream Pathways in Various Forms of Cardiomyopathy and Heart Failure. <i>Current Vascular Pharmacology</i> , 2005, 3, 221-229.	0.8	187
57	Adenosine receptor signaling in the brain immune system. <i>Trends in Pharmacological Sciences</i> , 2005, 26, 511-516.	4.0	186
58	The machinery of local Ca ²⁺ signalling between sarcoendoplasmic reticulum and mitochondria. <i>Journal of Physiology</i> , 2000, 529, 69-81.	1.3	185
59	Endocannabinoids and cannabinoid receptors in ischaemia-reperfusion injury and preconditioning. <i>British Journal of Pharmacology</i> , 2008, 153, 252-262.	2.7	185
60	A2A adenosine receptors and C/EBP β are crucially required for IL-10 production by macrophages exposed to <i>Escherichia coli</i> . <i>Blood</i> , 2007, 110, 2685-2695.	0.6	182
61	Role of peroxynitrite in the redox regulation of cell signal transduction pathways. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 4809.	3.0	181
62	Cannabinoid-2 receptor limits inflammation, oxidative/nitrosative stress, and cell death in nephropathy. <i>Free Radical Biology and Medicine</i> , 2010, 48, 457-467.	1.3	181
63	Poly(ADP-Ribose) Polymerase Is Activated in Subjects at Risk of Developing Type 2 Diabetes and Is Associated With Impaired Vascular Reactivity. <i>Circulation</i> , 2002, 106, 2680-2686.	1.6	179
64	Cell Type-Dependent Pro- and Anti-Inflammatory Role of Signal Transducer and Activator of Transcription 3 in Alcoholic Liver Injury. <i>Gastroenterology</i> , 2008, 134, 1148-1158.	0.6	179
65	Mitochondrial-targeted antioxidants represent a promising approach for prevention of cisplatin-induced nephropathy. <i>Free Radical Biology and Medicine</i> , 2012, 52, 497-506.	1.3	178
66	Anti-CD73 in Cancer Immunotherapy: Awakening New Opportunities. <i>Trends in Cancer</i> , 2016, 2, 95-109.	3.8	177
67	Activation of Poly(ADP-Ribose) Polymerase Contributes to Development of Doxorubicin-Induced Heart Failure. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 300, 862-867.	1.3	175
68	Regulation of Macrophage Function by Adenosine. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 865-869.	1.1	175
69	N-arachidonoyl l-serine, an endocannabinoid-like brain constituent with vasodilatory properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2428-2433.	3.3	174
70	Cannabidiol attenuates high glucose-induced endothelial cell inflammatory response and barrier disruption. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H610-H619.	1.5	168
71	Aldose Reductase Inhibition Counteracts Oxidative-Nitrosative Stress and Poly(ADP-Ribose) Polymerase Activation in Tissue Sites for Diabetes Complications. <i>Diabetes</i> , 2005, 54, 234-242.	0.3	165
72	Adenosine A _{2A} receptor activation inhibits T helper 1 and T helper 2 cell development and effector function. <i>FASEB Journal</i> , 2008, 22, 3491-3499.	0.2	164

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73	Cannabidiol protects against hepatic ischemia/reperfusion injury by attenuating inflammatory signaling and response, oxidative/nitrative stress, and cell death. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1368-1381.	1.3	163
74	CB1 cannabinoid receptors promote oxidative stress and cell death in murine models of doxorubicin-induced cardiomyopathy and in human cardiomyocytes. <i>Cardiovascular Research</i> , 2010, 85, 773-784.	1.8	162
75	Part I: Pathogenetic Role of Peroxynitrite in the Development of Diabetes and Diabetic Vascular Complications: Studies With FP15, A Novel Potent Peroxynitrite Decomposition Catalyst. <i>Molecular Medicine</i> , 2002, 8, 571-580.	1.9	162
76	Poly(ADP-Ribose) Polymerase Inhibition Reduces Reperfusion Injury After Heart Transplantation. <i>Circulation Research</i> , 2002, 90, 100-106.	2.0	160
77	Opportunities for the repurposing of PARP inhibitors for the therapy of nononcological diseases. <i>British Journal of Pharmacology</i> , 2018, 175, 192-222.	2.7	160
78	Role of peroxynitrite in the pathogenesis of cardiovascular complications of diabetes. <i>Current Opinion in Pharmacology</i> , 2006, 6, 136-141.	1.7	159
79	Role of Poly(ADP-Ribose) Polymerase-1 Activation in the Pathogenesis of Diabetic Complications: Endothelial Dysfunction, as a Common Underlying Theme. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 1568-1580.	2.5	158
80	Trends in the Development of New Antidepressants. Is there a Light at the End of the Tunnel?. <i>Current Medicinal Chemistry</i> , 2004, 11, 925-943.	1.2	155
81	Resistance to Acute Septic Peritonitis in Poly(ADP-ribose) Polymerase-1-Deficient Mice. <i>Shock</i> , 2002, 17, 286-292.	1.0	148
82	Oxidative stress and accelerated vascular aging: implications for cigarette smoking. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 3128.	3.0	148
83	Ca ²⁺ marks: Miniature calcium signals in single mitochondria driven by ryanodine receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2380-2385.	3.3	146
84	Endothelial function and vascular oxidative stress in long-lived GH/IGF-deficient Ames dwarf mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1882-H1894.	1.5	139
85	Control of apoptosis by IP ₃ and ryanodine receptor driven calcium signals. <i>Cell Calcium</i> , 2000, 28, 349-363.	1.1	138
86	Poly(ADP-Ribose) Polymerase Inhibition Alleviates Experimental Diabetic Sensory Neuropathy. <i>Diabetes</i> , 2006, 55, 1686-1694.	0.3	137
87	Adenosine signalling in diabetes mellitus pathophysiology and therapeutic considerations. <i>Nature Reviews Endocrinology</i> , 2015, 11, 228-241.	4.3	133
88	Vascular Dysfunction in Aging: Potential Effects of Resveratrol, an Anti-Inflammatory Phytoestrogen. <i>Current Medicinal Chemistry</i> , 2006, 13, 989-996.	1.2	132
89	Peroxynitrite is a major trigger of cardiomyocyte apoptosis in vitro and in vivo. <i>Free Radical Biology and Medicine</i> , 2006, 41, 886-895.	1.3	131
90	Adenosine signaling and the immune system: When a lot could be too much. <i>Immunology Letters</i> , 2019, 205, 9-15.	1.1	130

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91	Dysfunction of Nitric Oxide Mediation in Isolated Rat Arterioles With Methionine Diet-Induced Hyperhomocysteinemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 1899-1904.	1.1	127
92	Aging aggravates alcoholic liver injury and fibrosis in mice by downregulating sirtuin 1 expression. <i>Journal of Hepatology</i> , 2017, 66, 601-609.	1.8	123
93	Pivotal Advance: Cannabinoid-2 receptor agonist HU-308 protects against hepatic ischemia/reperfusion injury by attenuating oxidative stress, inflammatory response, and apoptosis. <i>Journal of Leukocyte Biology</i> , 2007, 82, 1382-1389.	1.5	122
94	Cannabinoids in pancreatic cancer: Correlation with survival and pain. <i>International Journal of Cancer</i> , 2008, 122, 742-750.	2.3	121
95	Adenosine augments IL-10-induced STAT3 signaling in M2c macrophages. <i>Journal of Leukocyte Biology</i> , 2013, 94, 1309-1315.	1.5	120
96	Cannabidiol Protects against Doxorubicin-Induced Cardiomyopathy by Modulating Mitochondrial Function and Biogenesis. <i>Molecular Medicine</i> , 2015, 21, 38-45.	1.9	120
97	Current Trends in the Development of New Antidepressants. <i>Current Medicinal Chemistry</i> , 2001, 8, 89-100.	1.2	119
98	Adenosine A2A Receptor Inactivation Increases Survival in Polymicrobial Sepsis. <i>Journal of Immunology</i> , 2006, 176, 5616-5626.	0.4	119
99	The Endocannabinoid System and Plant-Derived Cannabinoids in Diabetes and Diabetic Complications. <i>American Journal of Pathology</i> , 2012, 180, 432-442.	1.9	119
100	NLR4 Inflammasome-Mediated Production of IL-1 β Modulates Mucosal Immunity in the Lung against Gram-Negative Bacterial Infection. <i>Journal of Immunology</i> , 2012, 188, 5623-5635.	0.4	119
101	CB ₁ cannabinoid receptors promote oxidative/nitrosative stress, inflammation and cell death in a murine nephropathy model. <i>British Journal of Pharmacology</i> , 2010, 160, 657-668.	2.7	118
102	Role of the endocannabinoid system in diabetes and diabetic complications. <i>British Journal of Pharmacology</i> , 2016, 173, 1116-1127.	2.7	118
103	A2B Adenosine Receptors Protect against Sepsis-Induced Mortality by Dampening Excessive Inflammation. <i>Journal of Immunology</i> , 2010, 185, 542-550.	0.4	117
104	Trastuzumab Alters the Expression of Genes Essential for Cardiac Function and Induces Ultrastructural Changes of Cardiomyocytes in Mice. <i>PLoS ONE</i> , 2013, 8, e79543.	1.1	117
105	Inhibition of voltage-gated calcium channels by fluoxetine in rat hippocampal pyramidal cells. <i>Neuropharmacology</i> , 2000, 39, 1029-1036.	2.0	116
106	Monoacylglycerol Lipase Controls Endocannabinoid and Eicosanoid Signaling and Hepatic Injury in Mice. <i>Gastroenterology</i> , 2013, 144, 808-817.e15.	0.6	116
107	PARP inhibition protects against alcoholic and non-alcoholic steatohepatitis. <i>Journal of Hepatology</i> , 2017, 66, 589-600.	1.8	116
108	The Purinergic System as a Pharmacological Target for the Treatment of Immune-Mediated Inflammatory Diseases. <i>Pharmacological Reviews</i> , 2019, 71, 345-382.	7.1	115

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109	Left ventricular pressure-volume relationship in a rat model of advanced aging-associated heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H2132-H2137.	1.5	114
110	Pathophysiological mechanisms of catecholamine and cocaine-mediated cardiotoxicity. <i>Heart Failure Reviews</i> , 2014, 19, 815-824.	1.7	114
111	Fat-Specific Protein 27/CIDEA Promotes Development of Alcoholic Steatohepatitis in Mice and Humans. <i>Gastroenterology</i> , 2015, 149, 1030-1041.e6.	0.6	114
112	Cannabinoid 1 receptor activation induces reactive oxygen species-dependent and -independent mitogen-activated protein kinase activation and cell death in human coronary artery endothelial cells. <i>British Journal of Pharmacology</i> , 2010, 160, 688-700.	2.7	113
113	Δ^2 -Caryophyllene ameliorates cisplatin-induced nephrotoxicity in a cannabinoid 2 receptor-dependent manner. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1325-1333.	1.3	112
114	Mitochondrial reactive oxygen species generation triggers inflammatory response and tissue injury associated with hepatic ischemia-reperfusion: Therapeutic potential of mitochondrially targeted antioxidants. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1123-1138.	1.3	111
115	Interleukin-22 ameliorates acute-on-chronic liver failure by reprogramming impaired regeneration pathways in mice. <i>Journal of Hepatology</i> , 2020, 72, 736-745.	1.8	109
116	Endocannabinoids acting at CB1 receptors mediate the cardiac contractile dysfunction in vivo in cirrhotic rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H1689-H1695.	1.5	107
117	The emerging role of the endocannabinoid system in cardiovascular disease. <i>Seminars in Immunopathology</i> , 2009, 31, 63-77.	2.8	107
118	Beyond THC and Endocannabinoids. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 637-659.	4.2	107
119	The adenosine A3 receptor agonist, N6-(3-iodobenzyl)-adenosine-5'-N-methyluronamide, is protective in two murine models of colitis. <i>European Journal of Pharmacology</i> , 2003, 466, 323-329.	1.7	106
120	Extracellular ATP protects against sepsis through macrophage P2X7 purinergic receptors by enhancing intracellular bacterial killing. <i>FASEB Journal</i> , 2015, 29, 3626-3637.	0.2	106
121	Role of Oxidative and Nitrosative Stress, Longevity Genes and Poly(ADP-ribose) Polymerase in Cardiovascular Dysfunction Associated with Aging. <i>Current Vascular Pharmacology</i> , 2005, 3, 285-291.	0.8	104
122	Poly (ADP-ribose) polymerase-1 is a key mediator of liver inflammation and fibrosis. <i>Hepatology</i> , 2014, 59, 1998-2009.	3.6	103
123	Overactive cannabinoid 1 receptor in podocytes drives type 2 diabetic nephropathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5420-8.	3.3	102
124	A Mechanistic Review of Cell Death in Alcohol-Induced Liver Injury. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1215-1223.	1.4	102
125	Targeting cannabinoid receptor CB ₂ in cardiovascular disorders: promises and controversies. <i>British Journal of Pharmacology</i> , 2012, 167, 313-323.	2.7	101
126	Pharmacologic inhibition of poly(adenosine diphosphate-ribose) polymerase may represent a novel therapeutic approach in chronic heart failure. <i>Journal of the American College of Cardiology</i> , 2002, 40, 1006-1016.	1.2	100

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127	Haemodynamic profile and responsiveness to anandamide of TRPV1 receptor knock-out mice. <i>Journal of Physiology</i> , 2004, 558, 647-657.	1.3	100
128	Modulation of the Endocannabinoid System in Cardiovascular Disease. <i>Hypertension</i> , 2008, 52, 601-607.	1.3	100
129	Cutting Edge: IL-1 β Is a Crucial Danger Signal Triggering Acute Myocardial Inflammation during Myocardial Infarction. <i>Journal of Immunology</i> , 2015, 194, 499-503.	0.4	100
130	Flagellin from Gram-Negative Bacteria is a Potent Mediator of Acute Pulmonary Inflammation in Sepsis. <i>Shock</i> , 2003, 19, 131-137.	1.0	99
131	Decreased age-related cardiac dysfunction, myocardial nitrative stress, inflammatory gene expression, and apoptosis in mice lacking fatty acid amide hydrolase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H909-H918.	1.5	99
132	Adenosine Augments IL-10 Production by Microglial Cells through an A2B Adenosine Receptor-Mediated Process. <i>Journal of Immunology</i> , 2012, 188, 445-453.	0.4	99
133	Cisplatin Nephrotoxicity Involves Mitochondrial Injury with Impaired Tubular Mitochondrial Enzyme Activity. <i>Journal of Histochemistry and Cytochemistry</i> , 2012, 60, 521-529.	1.3	99
134	Potential role for 8-oxoguanine DNA glycosylase in regulating inflammation. <i>FASEB Journal</i> , 2005, 19, 1-18.	0.2	98
135	A2B Adenosine Receptors Prevent Insulin Resistance by Inhibiting Adipose Tissue Inflammation via Maintaining Alternative Macrophage Activation. <i>Diabetes</i> , 2014, 63, 850-866.	0.3	98
136	Quantification of calcium signal transmission from sarcoplasmic reticulum to the mitochondria. <i>Journal of Physiology</i> , 2000, 529, 553-564.	1.3	97
137	Oxidative Inactivation of Key Mitochondrial Proteins Leads to Dysfunction and Injury in Hepatic Ischemia Reperfusion. <i>Gastroenterology</i> , 2008, 135, 1344-1357.	0.6	96
138	Trastuzumab cardiotoxicity: from clinical trials to experimental studies. <i>British Journal of Pharmacology</i> , 2017, 174, 3727-3748.	2.7	95
139	Neutrophil-Hepatic Stellate Cell Interactions Promote Fibrosis in Experimental Steatohepatitis. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 399-413.	2.3	95
140	Cannabinoids Ameliorate Pain and Reduce Disease Pathology in Cerulein-Induced Acute Pancreatitis. <i>Gastroenterology</i> , 2007, 132, 1968-1978.	0.6	94
141	Diabetes-induced overexpression of endothelin-1 and endothelin receptors in the rat renal cortex is mediated via poly(ADP-ribose) polymerase activation. <i>FASEB Journal</i> , 2003, 17, 1-18.	0.2	93
142	Adenosine receptor activation ameliorates type 1 diabetes. <i>FASEB Journal</i> , 2007, 21, 2379-2388.	0.2	93
143	Nicotine Exerts an Anti-inflammatory Effect in a Murine Model of Acute Lung Injury. <i>Inflammation</i> , 2011, 34, 231-237.	1.7	93
144	Poly(ADP-ribose) polymerases as modulators of mitochondrial activity. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 75-83.	3.1	92

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145	Comparison of Inflammation, Organ Damage, and Oxidant Stress Induced by Salmonella enterica Serovar Muenchen Flagellin and Serovar Enteritidis Lipopolysaccharide. <i>Infection and Immunity</i> , 2002, 70, 192-198.	1.0	90
146	A new cannabinoid CB ₂ receptor agonist HU-910 attenuates oxidative stress, inflammation and cell death associated with hepatic ischaemia/reperfusion injury. <i>British Journal of Pharmacology</i> , 2012, 165, 2462-2478.	2.7	90
147	Sulforaphane, a natural constituent of broccoli, prevents cell death and inflammation in nephropathy. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 494-500.	1.9	89
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