

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2516066/lisardo-bosca-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

229 papers	9,563 citations	51 h-index	86 g-index
245 ext. papers	10,638 ext. citations	6.3 avg, IF	5.71 L-index

#	Paper	IF	Citations
229	Substrate fate in activated macrophages: a comparison between innate, classic, and alternative activation. <i>Journal of Immunology</i> , 2010 , 185, 605-14	5.3	627
228	Impaired autophagic flux is associated with increased endoplasmic reticulum stress during the development of NAFLD. <i>Cell Death and Disease</i> , 2014 , 5, e1179	9.8	325
227	Nitric oxide and cell viability in inflammatory cells: a role for NO in macrophage function and fate. <i>Toxicology</i> , 2005 , 208, 249-58	4.4	261
226	Splenic B lymphocyte programmed cell death is prevented by nitric oxide release through mechanisms involving sustained Bcl-2 levels. <i>Journal of Clinical Investigation</i> , 1995 , 95, 1884-90	15.9	258
225	Inhibition of IkappaB kinase and IkappaB phosphorylation by 15-deoxy-Delta(12,14)-prostaglandin J(2) in activated murine macrophages. <i>Molecular and Cellular Biology</i> , 2000 , 20, 1692-8	4.8	249
224	Protein kinase Cepsilon is required for macrophage activation and defense against bacterial infection. <i>Journal of Experimental Medicine</i> , 2001 , 194, 1231-42	16.6	212
223	Nitric oxide induces apoptosis via triggering mitochondrial permeability transition. <i>FEBS Letters</i> , 1997 , 410, 373-7	3.8	188
222	Chronic stress induces the expression of inducible nitric oxide synthase in rat brain cortex. <i>Journal of Neurochemistry</i> , 2000 , 74, 785-91	6	180
221	The increase in TNF-alpha levels is implicated in NF-kappaB activation and inducible nitric oxide synthase expression in brain cortex after immobilization stress. <i>Neuropsychopharmacology</i> , 2002 , 26, 155-63	8.7	175
220	Inducible nitric oxide synthase expression in brain cortex after acute restraint stress is regulated by nuclear factor kappaB-mediated mechanisms. <i>Journal of Neurochemistry</i> , 2001 , 76, 532-8	6	153
219	2-deoxy-2-[18F]fluoro-D-mannose positron emission tomography imaging in atherosclerosis. <i>Nature Medicine</i> , 2014 , 20, 215-9	50.5	128
218	Thromboxane A2-induced inhibition of voltage-gated K+ channels and pulmonary vasoconstriction: role of protein kinase C zeta. <i>Circulation Research</i> , 2003 , 93, 656-63	15.7	123
217	Increased intrahepatic cyclooxygenase 2, matrix metalloproteinase 2, and matrix metalloproteinase 9 expression is associated with progressive liver disease in chronic hepatitis C virus infection: role of viral core and NS5A proteins. <i>Gut</i> , 2004 , 53, 1665-72	19.2	120
216	Nitric oxide induces tyrosine nitration and release of cytochrome c preceding an increase of mitochondrial transmembrane potential in macrophages. <i>FASEB Journal</i> , 1999 , 13, 2311-7	0.9	118
215	Induction of cyclooxygenase-2 accounts for restraint stress-induced oxidative status in rat brain. <i>Neuropsychopharmacology</i> , 2003 , 28, 1579-88	8.7	117
214	The cyclopentenone 15-deoxy-delta 12,14-prostaglandin J2 binds to and activates H-Ras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 4772-7	11.5	117
213	HIF-1 and PFKFB3 Mediate a Tight Relationship Between Proinflammatory Activation and Anaerobic Metabolism in Atherosclerotic Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1463-71	9.4	111

212	Contribution of cyclopentenone prostaglandins to the resolution of inflammation through the potentiation of apoptosis in activated macrophages. <i>Journal of Immunology</i> , 2000 , 165, 6525-31	5.3	109
211	Neuronal expression of inducible nitric oxide synthase after oxygen and glucose deprivation in rat forebrain slices. <i>European Journal of Neuroscience</i> , 1998 , 10, 445-56	3.5	106
210	Mechanisms of nitric oxide-dependent apoptosis: involvement of mitochondrial mediators. <i>Cellular Signalling</i> , 1999 , 11, 239-44	4.9	106
209	Nitric oxide is released in regenerating liver after partial hepatectomy. <i>Hepatology</i> , 1995 , 21, 776-786	11.2	102
208	Inhibition of the nuclear factor kappa B (NF-kappa B) pathway by tetracyclic kaurene diterpenes in macrophages. Specific effects on NF-kappa B-inducing kinase activity and on the coordinate activation of ERK and p38 MAPK. <i>Journal of Biological Chemistry</i> , 2001 , 276, 15854-60	5.4	94
207	Rosiglitazone and 15-deoxy-Delta12,14-prostaglandin J2 cause potent neuroprotection after experimental stroke through noncompletely overlapping mechanisms. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006 , 26, 218-29	7.3	93
206	Inflammation in Parkinson's Disease: Mechanisms and Therapeutic Implications. <i>Cells</i> , 2020 , 9,	7.9	92
205	Retinoid X receptor alpha controls innate inflammatory responses through the up-regulation of chemokine expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 10626-31	11.5	90
204	TLR4-mediated survival of macrophages is MyD88 dependent and requires TNF-alpha autocrine signalling. <i>Journal of Immunology</i> , 2007 , 178, 3731-9	5.3	88
203	Phorbol esters induce nitric oxide synthase and increase arginine influx in cultured peritoneal macrophages. <i>FEBS Letters</i> , 1993 , 320, 135-9	3.8	88
202	Implication of glutamate in the expression of inducible nitric oxide synthase after oxygen and glucose deprivation in rat forebrain slices. <i>Journal of Neurochemistry</i> , 2000 , 74, 2041-8	6	87
201	Contribution of cyclooxygenase 2 to liver regeneration after partial hepatectomy. <i>FASEB Journal</i> , 2001 , 15, 2016-8	0.9	85
200	Evidence for common mechanisms in the transcriptional control of type II nitric oxide synthase in isolated hepatocytes. Requirement of NF-kappaB activation after stimulation with bacterial cell wall products and phorbol esters. <i>Journal of Biological Chemistry</i> , 1996 , 271, 30114-20	5.4	83
199	Lipoxin A4 impairment of apoptotic signaling in macrophages: implication of the PI3K/Akt and the ERK/Nrf-2 defense pathways. <i>Cell Death and Differentiation</i> , 2010 , 17, 1179-88	12.7	80
198	Regional distribution of hyperpolarization-activated current (If) and hyperpolarization-activated cyclic nucleotide-gated channel mRNA expression in ventricular cells from control and hypertrophied rat hearts. <i>Journal of Physiology</i> , 2003 , 553, 395-405	3.9	79
197	Expression of cyclooxygenase-2 promotes the release of matrix metalloproteinase-2 and -9 in fetal rat hepatocytes. <i>Hepatology</i> , 2001 , 33, 860-7	11.2	78
196	Bacterial lipopeptides induce nitric oxide synthase and promote apoptosis through nitric oxide-independent pathways in rat macrophages. <i>Journal of Biological Chemistry</i> , 1995 , 270, 6017-21	5.4	76
195	Prostaglandin E2 promotes migration and adhesion in hepatocellular carcinoma cells. <i>Carcinogenesis</i> , 2005 , 26, 753-61	4.6	75

194	Hepatic insulin resistance is associated with increased apoptosis and fibrogenesis in nonalcoholic steatohepatitis and chronic hepatitis C. <i>Journal of Hepatology</i> , 2011 , 54, 142-52	13.4	72
193	The flavonoid quercetin induces apoptosis and inhibits JNK activation in intimal vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 346, 919-25	3.4	68
192	Relationship between genomic DNA ploidy and parameters of liver damage during necrosis and regeneration induced by thioacetamide. <i>Hepatology</i> , 1993 , 18, 912-8	11.2	66
191	Phorbol 12-myristate 13-acetate and insulin increase the concentration of fructose 2,6-bisphosphate and stimulate glycolysis in chicken embryo fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985 , 82, 6440-4	11.5	64
190	PKCepsilon is a permissive link in integrin-dependent IFN-gamma signalling that facilitates JAK phosphorylation of STAT1. <i>Nature Cell Biology</i> , 2003 , 5, 363-9	23.4	63
189	Protective effect of cyclosporin A and FK506 from nitric oxide-dependent apoptosis in activated macrophages. <i>British Journal of Pharmacology</i> , 1999 , 126, 1139-46	8.6	61
188	The nonthiazolidinedione PPARgamma agonist L-796,449 is neuroprotective in experimental stroke. <i>Journal of Neuropathology and Experimental Neurology</i> , 2005 , 64, 797-805	3.1	59
187	Pivotal role of protein tyrosine phosphatase 1B (PTP1B) in the macrophage response to pro-inflammatory and anti-inflammatory challenge. <i>Cell Death and Disease</i> , 2014 , 5, e1125	9.8	58
186	Mechanisms of the neuroprotective effect of aspirin after oxygen and glucose deprivation in rat forebrain slices. <i>Neuropharmacology</i> , 2000 , 39, 1309-18	5.5	58
185	Up-regulation of TNF-alpha convertase (TACE/ADAM17) after oxygen-glucose deprivation in rat forebrain slices. <i>Neuropharmacology</i> , 2001 , 40, 1094-102	5.5	58
184	Up-regulation of protein kinase C-epsilon promotes the expression of cytokine-inducible nitric oxide synthase in RAW 264.7 cells. <i>Journal of Biological Chemistry</i> , 1996 , 271, 32028-33	5.4	58
183	Cilastatin attenuates cisplatin-induced proximal tubular cell damage. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 334, 419-29	4.7	57
182	Rapid Up-regulation of IkappaBbeta and abrogation of NF-kappaB activity in peritoneal macrophages stimulated with lipopolysaccharide. <i>Journal of Biological Chemistry</i> , 1997 , 272, 23025-30	5.4	57
181	Potential by nitric oxide of cyclosporin A and FK506-induced apoptosis in renal proximal tubule cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2000 , 11, 2315-2323	12.7	57
180	Terpenoids: sources, structure elucidation and therapeutic potential in inflammation. <i>Current Topics in Medicinal Chemistry</i> , 2003 , 3, 171-85	3	53
179	Protein kinase C (PKC)-induced PKC degradation: a model for down-regulation. <i>Biochemical Society Transactions</i> , 1995 , 23, 153-5	5.1	53
178	Regulation of cyclooxygenase 2 expression in hepatocytes by CCAAT/enhancer-binding proteins. <i>Gastroenterology</i> , 2000 , 119, 493-501	13.3	51
177	Relevance of the MEK/ERK signaling pathway in the metabolism of activated macrophages: a metabolomic approach. <i>Journal of Immunology</i> , 2012 , 188, 1402-10	5.3	49

176	Activation of autophagy in macrophages by pro-resolving lipid mediators. <i>Autophagy</i> , 2015 , 11, 1729-44	10.2	48
175	Cot/tpl2 activity is required for TLR-induced activation of the Akt p70 S6k pathway in macrophages: Implications for NO synthase 2 expression. <i>European Journal of Immunology</i> , 2011 , 41, 1733-41	6.1	48
174	Cocaine-induced liver injury in mice elicits specific changes in DNA ploidy and induces programmed death of hepatocytes. <i>Hepatology</i> , 1994 , 20, 992-1001	11.2	48
173	Induction of apoptosis by nitric oxide in macrophages is independent of apoptotic volume decrease. <i>Cell Death and Differentiation</i> , 2002 , 9, 643-50	12.7	47
172	Is phosphofructokinase the rate-limiting step of glycolysis?. <i>Trends in Biochemical Sciences</i> , 1984 , 9, 372-373	3.3	46
171	Involvement of monocytes/macrophages as key factors in the development and progression of cardiovascular diseases. <i>Biochemical Journal</i> , 2014 , 458, 187-93	3.8	45
170	Vasorelaxant and anti-platelet aggregation effects of aqueous Ocimum basilicum extract. <i>Journal of Ethnopharmacology</i> , 2009 , 125, 157-62	5	45
169	Dispensability and dynamics of caveolin-1 during liver regeneration and in isolated hepatic cells. <i>Hepatology</i> , 2007 , 46, 813-22	11.2	45
168	Phorbol ester translocation of protein kinase C in guinea-pig synaptosomes and the potentiation of calcium-dependent glutamate release. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1988 , 970, 157-65	4.9	45
167	Inhibitory effect of IGF-I on type 2 nitric oxide synthase expression in Ins-1 cells and protection against activation-dependent apoptosis: involvement of phosphatidylinositol 3-kinase. <i>Diabetes</i> , 2000 , 49, 209-17	0.9	43
166	Induction of nitric oxide release by MRC OX-44 (anti-CD53) through a protein kinase C-dependent pathway in rat macrophages. <i>Journal of Experimental Medicine</i> , 1994 , 179, 1119-26	16.6	42
165	Protection by nitric oxide against liver inflammatory injury in animals carrying a nitric oxide synthase-2 transgene. <i>FASEB Journal</i> , 2001 , 15, 583-5	0.9	41
164	Signal transduction pathways involved in B-cell induction. <i>Immunological Reviews</i> , 1993 , 132, 5-47	11.3	41
163	Specific contribution of p19(ARF) to nitric oxide-dependent apoptosis. <i>Journal of Immunology</i> , 2006 , 177, 3327-36	5.3	40
162	Potentiation of protein kinase C zeta activity by 15-deoxy-delta(12,14)-prostaglandin J(2) induces an imbalance between mitogen-activated protein kinases and NF-kappa B that promotes apoptosis in macrophages. <i>Molecular and Cellular Biology</i> , 2003 , 23, 1196-208	4.8	40
161	Self-defense of macrophages against oxidative injury: Fighting for their own survival. <i>Redox Biology</i> , 2019 , 26, 101261	11.3	39
160	Peroxisome proliferator-activated receptor-gamma-independent inhibition of macrophage activation by the non-thiazolidinedione agonist L-796,449. Comparison with the effects of 15-deoxy-delta(12,14)-prostaglandin J(2). <i>Journal of Biological Chemistry</i> , 2001 , 276, 34082-8	5.4	39
159	Down-regulation of neuronal nitric oxide synthase by nitric oxide after oxygen-glucose deprivation in rat forebrain slices. <i>Journal of Neurochemistry</i> , 1999 , 72, 248-54	6	38

158	Inhibition of NOS-2 expression in macrophages through the inactivation of NF-kappaB by andalusol. <i>British Journal of Pharmacology</i> , 1999 , 128, 605-12	8.6	38
157	Suppression of inflammatory responses by labdane-type diterpenoids. <i>Toxicology and Applied Pharmacology</i> , 2008 , 228, 179-89	4.6	37
156	Metabolic signatures linked to macrophage polarization: from glucose metabolism to oxidative phosphorylation. <i>Biochemical Society Transactions</i> , 2015 , 43, 740-4	5.1	36
155	NOD1 activation induces cardiac dysfunction and modulates cardiac fibrosis and cardiomyocyte apoptosis. <i>PLoS ONE</i> , 2012 , 7, e45260	3.7	36
154	Expression of cyclooxygenase-2 in foetal rat hepatocytes stimulated with lipopolysaccharide and pro-inflammatory cytokines. <i>British Journal of Pharmacology</i> , 1998 , 125, 1313-9	8.6	36
153	Protection against Fas-induced liver apoptosis in transgenic mice expressing cyclooxygenase 2 in hepatocytes. <i>Hepatology</i> , 2007 , 45, 631-8	11.2	36
152	Potential of tumor formation by topical administration of 15-deoxy-delta12,14-prostaglandin J2 in a model of skin carcinogenesis. <i>Carcinogenesis</i> , 2006 , 27, 328-36	4.6	35
151	The nNOS inhibitor, AR-R17477AR, prevents the loss of NF68 immunoreactivity induced by methamphetamine in the mouse striatum. <i>Journal of Neurochemistry</i> , 2003 , 85, 515-24	6	35
150	Coexistence of translocated cytochrome c and nitrated protein in neurons of the rat cerebral cortex after oxygen and glucose deprivation. <i>Neuroscience</i> , 2002 , 111, 47-56	3.9	35
149	Transition of Macrophages to Fibroblast-Like Cells in Healing Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 3124-3135	15.1	35
148	Mitochondrial DAMPs induce endotoxin tolerance in human monocytes: an observation in patients with myocardial infarction. <i>PLoS ONE</i> , 2014 , 9, e95073	3.7	34
147	Constitutive COX-2 activity in cardiomyocytes confers permanent cardioprotection Constitutive COX-2 expression and cardioprotection. <i>Journal of Molecular and Cellular Cardiology</i> , 2009 , 46, 160-8	5.8	34
146	Nuclear factor kappaB is required for the transcriptional control of type II NO synthase in regenerating liver. <i>Biochemical Journal</i> , 1997 , 326 (Pt 3), 791-7	3.8	34
145	Requirement of nitric oxide and calcium mobilization for the induction of apoptosis in adrenal vascular endothelial cells. <i>FEBS Letters</i> , 1997 , 413, 124-8	3.8	34
144	Selective impairment of nuclear factor-kappaB-dependent gene transcription in adult cardiomyocytes: relevance for the regulation of the inflammatory response in the heart. <i>American Journal of Pathology</i> , 2007 , 171, 820-8	5.8	34
143	From apoptosis to autoimmunity: insights from the signaling pathways leading to proliferation or to programmed cell death. <i>Immunological Reviews</i> , 1994 , 142, 53-91	11.3	34
142	Substrate-dependent inhibition of protein kinase C by specific inhibitors. <i>FEBS Letters</i> , 1990 , 263, 169-71	3.8	34
141	Protective Role of Hepatocyte Cyclooxygenase-2 Expression Against Liver Ischemia-Reperfusion Injury in Mice. <i>Hepatology</i> , 2019 , 70, 650-665	11.2	34

140	Selective activation of liver X receptors by acanthoic acid-related diterpenes. <i>Molecular Pharmacology</i> , 2007 , 71, 1545-53	4.3	33
139	Thioacetamide-induced liver regeneration involves the expression of cyclooxygenase 2 and nitric oxide synthase 2 in hepatocytes. <i>Journal of Hepatology</i> , 2004 , 40, 963-70	13.4	32
138	ILK mediates LPS-induced vascular adhesion receptor expression and subsequent leucocyte trans-endothelial migration. <i>Cardiovascular Research</i> , 2010 , 86, 283-92	9.9	31
137	Intracellular water motion decreases in apoptotic macrophages after caspase activation. <i>Cell Death and Differentiation</i> , 2001 , 8, 1022-8	12.7	31
136	Mice lacking thyroid hormone receptor Beta show enhanced apoptosis and delayed liver commitment for proliferation after partial hepatectomy. <i>PLoS ONE</i> , 2010 , 5, e8710	3.7	31
135	Regulation of MicroRNA 183 by Cyclooxygenase 2 in Liver Is DEAD-Box Helicase p68 (DDX5) Dependent: Role in Insulin Signaling. <i>Molecular and Cellular Biology</i> , 2015 , 35, 2554-67	4.8	30
134	Hepatic cyclooxygenase-2 expression protects against diet-induced steatosis, obesity, and insulin resistance. <i>Diabetes</i> , 2015 , 64, 1522-31	0.9	30
133	Cyclooxygenase-2 is a target of microRNA-16 in human hepatoma cells. <i>PLoS ONE</i> , 2012 , 7, e50935	3.7	30
132	Impairment of transforming growth factor beta signaling in caveolin-1-deficient hepatocytes: role in liver regeneration. <i>Journal of Biological Chemistry</i> , 2010 , 285, 3633-3642	5.4	30
131	Labdane diterpenes protect against anoxia/reperfusion injury in cardiomyocytes: involvement of AKT activation. <i>Cell Death and Disease</i> , 2011 , 2, e229	9.8	30
130	Kaurane diterpenes protect against apoptosis and inhibition of phagocytosis in activated macrophages. <i>British Journal of Pharmacology</i> , 2007 , 152, 249-55	8.6	30
129	PGE1-induced NO reduces apoptosis by D-galactosamine through attenuation of NF-kappaB and NOS-2 expression in rat hepatocytes. <i>Hepatology</i> , 2004 , 40, 1295-303	11.2	29
128	Interleukin-4 and interleukin-10 modulate nuclear factor kappaB activity and nitric oxide synthase-2 expression in Theiler's virus-infected brain astrocytes. <i>Journal of Neurochemistry</i> , 2002 , 81, 1242-52	6	29
127	Cyclooxygenase-2 expression in hepatocytes attenuates non-alcoholic steatohepatitis and liver fibrosis in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 1710-23	6.9	27
126	Epigenetics override pro-inflammatory PTGS transcriptomic signature towards selective hyperactivation of PGE2 in colorectal cancer. <i>Clinical Epigenetics</i> , 2015 , 7, 74	7.7	27
125	H-Ras-specific activation of NF-kappaB protects NIH 3T3 cells against stimulus-dependent apoptosis. <i>Oncogene</i> , 2003 , 22, 477-83	9.2	27
124	Specific activation by fructose 2,6-bisphosphate and inhibition by P-enolpyruvate of ascites tumor phosphofructokinase. <i>Biochemical and Biophysical Research Communications</i> , 1982 , 106, 486-91	3.4	27
123	PGE induces apoptosis of hepatic stellate cells and attenuates liver fibrosis in mice by downregulating miR-23a-5p and miR-28a-5p. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 325-337	6.9	27

122	Amyloid Peptide Induced Neuroinflammation Increases the P2X7 Receptor Expression in Microglial Cells, Impacting on Its Functionality. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 143	6.1	26
121	Assessment of a dual regulatory role for NO in liver regeneration after partial hepatectomy: protection against apoptosis and retardation of hepatocyte proliferation. <i>FASEB Journal</i> , 2005 , 19, 995-7	7.9	26
120	Infiltration of inflammatory cells plays an important role in matrix metalloproteinase expression and activation in the heart during sepsis. <i>American Journal of Pathology</i> , 2006 , 169, 1567-76	5.8	25
119	Attenuation of NF-kappaB signalling in rat cardiomyocytes at birth restricts the induction of inflammatory genes. <i>Cardiovascular Research</i> , 2004 , 64, 289-97	9.9	25
118	Protein kinase C V3 domain mutants with differential sensitivities to m-calpain are not resistant to phorbol-ester-induced down-regulation. <i>FEBS Journal</i> , 1994 , 223, 259-63		25
117	Modulation of voltage-dependent and inward rectifier potassium channels by 15-epi-lipoxin-A4 in activated murine macrophages: implications in innate immunity. <i>Journal of Immunology</i> , 2013 , 191, 6136-46	5.3	24
116	Protein kinase C (PKC) mediated Gq stimulation of ERK5 protein pathway in cardiomyocytes and cardiac fibroblasts. <i>Journal of Biological Chemistry</i> , 2012 , 287, 7792-802	5.4	24
115	Constitutive expression of cyclo-oxygenase 2 transgene in hepatocytes protects against liver injury. <i>Biochemical Journal</i> , 2008 , 416, 337-46	3.8	24
114	The P34G mutation reduces the transforming activity of K-Ras and N-Ras in NIH 3T3 cells but not of H-Ras. <i>Journal of Biological Chemistry</i> , 2004 , 279, 33480-91	5.4	24
113	Lack of correlation between translocation and biological effects mediated by protein kinase C: an appraisal. <i>Trends in Immunology</i> , 1989 , 10, 223-4		24
112	Phorbol 12,13-dibutyrate and mitogens increase fructose 2,6-bisphosphate in lymphocytes. Comparison of lymphocyte and rat-liver 6-phosphofructo-2-kinase. <i>FEBS Journal</i> , 1988 , 175, 317-23		24
111	Role of NOD1 in Heart Failure Progression via Regulation of Ca Handling. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 423-433	15.1	23
110	New PPAR δ partial agonist improves obesity-induced metabolic alterations and atherosclerosis in LDLr(-/-) mice. <i>Pharmacological Research</i> , 2016 , 104, 49-60	10.2	23
109	Anti-inflammatory and antioxidant properties of a new arylidene-thiazolidinedione in macrophages. <i>Current Medicinal Chemistry</i> , 2011 , 18, 3351-60	4.3	23
108	Platelet-activating factor: the effector of protein-rich plasma extravasation and nitric oxide synthase induction in rat immune complex peritonitis. <i>British Journal of Pharmacology</i> , 1995 , 114, 895-901	8.6	23
107	Isoenzymes of carbohydrate metabolism in primary cultures of hepatocytes from thioacetamide-induced rat liver necrosis: responses to growth factors. <i>Hepatology</i> , 1992 , 16, 232-40	11.2	23
106	COX-2 in liver, from regeneration to hepatocarcinogenesis: what we have learned from animal models?. <i>World Journal of Gastroenterology</i> , 2010 , 16, 1430-5	5.6	23
105	NFB2/p100 is a key factor for endotoxin tolerance in human monocytes: a demonstration using primary human monocytes from patients with sepsis. <i>Journal of Immunology</i> , 2014 , 193, 4195-202	5.3	22

104	Evaluation of epigenetic modulation of cyclooxygenase-2 as a prognostic marker for hepatocellular carcinoma. <i>Oncogenesis</i> , 2012 , 1, e23	6.6	22
103	Cyclo-oxygenase 2 expression impairs serum-withdrawal-induced apoptosis in liver cells. <i>Biochemical Journal</i> , 2006 , 398, 371-80	3.8	22
102	Presence of methylated arginine derivatives in orthotopic human liver transplantation: relevance for liver function. <i>Liver Transplantation</i> , 2003 , 9, 40-8	4.5	22
101	Innate Immune Receptors, Key Actors in Cardiovascular Diseases. <i>JACC Basic To Translational Science</i> , 2020 , 5, 735-749	8.7	22
100	NOD1, a new player in cardiac function and calcium handling. <i>Cardiovascular Research</i> , 2015 , 106, 375-86	9.9	21
99	Benznidazole blocks NF-kappaB activation but not AP-1 through inhibition of IKK. <i>Molecular Immunology</i> , 2010 , 47, 2485-91	4.3	20
98	Expression of the calcium-independent cytokine-inducible (iNOS) isoform of nitric oxide synthase in rat placenta. <i>Biochemical Journal</i> , 1997 , 324 (Pt 1), 201-7	3.8	20
97	Involvement of nitric oxide synthesis in hepatic perturbations induced in rats by a necrogenic dose of thioacetamide. <i>British Journal of Pharmacology</i> , 1997 , 121, 820-6	8.6	20
96	Involvement of mitogen-activated protein kinases in the symbiosis <i>Bradyrhizobium-Lupinus</i> . <i>Journal of Experimental Botany</i> , 2006 , 57, 2735-42	7	20
95	Absence of nuclear factor kappaB inhibition by NSAIDs in hepatocytes. <i>Hepatology</i> , 2002 , 35, 341-8	11.2	20
94	Fructose 2,6-bisphosphate in isolated foetal hepatocytes. <i>FEBS Letters</i> , 1987 , 225, 37-42	3.8	20
93	Anti-inflammatory actions of acanthoic acid-related diterpenes involve activation of the PI3K p110 α subunits and inhibition of NF- κ B. <i>Chemistry and Biology</i> , 2014 , 21, 955-66		19
92	Selective impairment of P2Y signaling by prostaglandin E2 in macrophages: implications for Ca ²⁺ -dependent responses. <i>Journal of Immunology</i> , 2013 , 190, 4226-35	5.3	19
91	Electronegative LDL induction of apoptosis in macrophages: involvement of Nrf2. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010 , 1801, 430-7	5	19
90	Cardiotrophin-1 induces sarcoplasmic reticulum Ca(2+) leak and arrhythmogenesis in adult rat ventricular myocytes. <i>Cardiovascular Research</i> , 2012 , 96, 81-9	9.9	19
89	Cyclooxygenase 2: understanding the pathophysiological role through genetically altered mouse models. <i>Frontiers in Bioscience - Landmark</i> , 2006 , 11, 2876-88	2.8	19
88	Sustained nitric oxide delivery delays nitric oxide-dependent apoptosis in macrophages: contribution to the physiological function of activated macrophages. <i>Journal of Immunology</i> , 2003 , 171, 6059-64	5.3	19
87	Simultaneous abrogation of NOS-2 and COX-2 activities is lethal in partially hepatectomised mice. <i>Journal of Hepatology</i> , 2004 , 40, 926-33	13.4	19

86	Common and Differential Transcriptional Actions of Nuclear Receptors Liver X Receptors α and β in Macrophages. <i>Molecular and Cellular Biology</i> , 2019 , 39,	4.8	19
85	Induction of nitric oxide synthase-2 proceeds with the concomitant downregulation of the endogenous caveolin levels. <i>Journal of Cell Science</i> , 2004 , 117, 1687-97	5.3	18
84	Activation of protein kinase C from B lymphocytes by lipid A. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 152, 149-54	3.4	18
83	Nitric oxide in liver inflammation and regeneration. <i>Metabolic Brain Disease</i> , 2002 , 17, 325-34	3.9	17
82	Anti-inflammatory action of type I interferons deduced from mice expressing interferon beta. <i>Gene Therapy</i> , 2000 , 7, 817-25	4	17
81	Oleate-induced translocation of protein kinase C to hepatic microsomal membranes. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 160, 1243-9	3.4	17
80	The effect of fructose 2,6-bisphosphate on muscle fructose-1,6-bisphosphatase activity. <i>BBA - Proteins and Proteomics</i> , 1985 , 828, 151-4		17
79	NOD1 receptor is up-regulated in diabetic human and murine myocardium. <i>Clinical Science</i> , 2014 , 127, 665-77	6.5	16
78	CD2-CD48 interaction prevents apoptosis in murine B lymphocytes by up-regulating bcl-2 expression. <i>European Journal of Immunology</i> , 1994 , 24, 2515-21	6.1	16
77	Biphasic effect of fructose 2,6-bisphosphate on the liver fructose-1,6-bisphosphatase: mechanistic and physiological implications. <i>FEBS Letters</i> , 1984 , 167, 199-202	3.8	16
76	Identification of conserved domains in the promoter regions of nitric oxide synthase 2: implications for the species-specific transcription and evolutionary differences. <i>BMC Genomics</i> , 2007 , 8, 271	4.5	15
75	Ammonia prevents glutamate-induced but not low K(+)-induced apoptosis in cerebellar neurons in culture. <i>Neuroscience</i> , 2003 , 117, 899-907	3.9	15
74	Selective inhibitors of cyclooxygenase-2 delay the activation of nuclear factor kappa B and attenuate the expression of inflammatory genes in murine macrophages treated with lipopolysaccharide. <i>Molecular Pharmacology</i> , 2003 , 63, 671-7	4.3	15
73	Bioactivity of nitrolinoleate: effects on adhesion molecules and CD40-CD40L system. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 125-32	6.3	14
72	Characterization of nitric oxide dependent changes in carbohydrate hepatic metabolism during septic shock. <i>Life Sciences</i> , 1996 , 58, 561-72	6.8	14
71	Endothelial NOD1 directs myeloid cell recruitment in atherosclerosis through VCAM-1. <i>FASEB Journal</i> , 2019 , 33, 3912-3921	0.9	14
70	Atherogenesis takes place in cholesterol-fed rabbits when circulating concentrations of endogenous cortisol are increased and inflammation suppressed. <i>Atherosclerosis</i> , 2007 , 191, 333-9	3.1	13
69	Nitric oxide and resolution of inflammation. <i>Methods in Enzymology</i> , 2002 , 359, 459-65	1.7	13

68	Interplay between post-translational cyclooxygenase-2 modifications and the metabolic and proteomic profile in a colorectal cancer cohort. <i>World Journal of Gastroenterology</i> , 2019 , 25, 433-446	5.6	12
67	LXR Signaling Regulates Macrophage Survival and Inflammation in Response to Ionizing Radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 104, 913-923	4	12
66	Regulation of 15-hydroxyprostaglandin dehydrogenase expression in hepatocellular carcinoma. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 2501-11	5.6	12
65	Critical role of the death receptor pathway in the antitumoral effects induced by hispanolone derivatives. <i>Oncogene</i> , 2013 , 32, 259-68	9.2	12
64	Interferon-alpha/beta inhibits the apoptosis induced by lipopolysaccharide and interferon-gamma in murine peritoneal macrophages. <i>Journal of Interferon and Cytokine Research</i> , 1998 , 18, 461-7	3.5	12
63	Phorbol esters, bombesin and insulin elicit differential responses on the 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase system in primary cultures of foetal and adult rat hepatocytes. <i>FEBS Journal</i> , 1992 , 207, 391-7		12
62	Presence of antibody to A- and B-transferases in minor incompatible bone marrow transplant. <i>British Journal of Haematology</i> , 1988 , 70, 471-6	4.5	12
61	Animal models for the study of liver regeneration: role of nitric oxide and prostaglandins. <i>Frontiers in Bioscience - Landmark</i> , 2007 , 12, 13-21	2.8	12
60	NOD1 activation in cardiac fibroblasts induces myocardial fibrosis in a murine model of type 2 diabetes. <i>Biochemical Journal</i> , 2017 , 474, 399-410	3.8	11
59	Differential regulation of nitric oxide synthase mRNA expression by lipopolysaccharide and pro-inflammatory cytokines in fetal hepatocytes treated with cycloheximide. <i>Biochemical Journal</i> , 1997 , 327 (Pt 3), 819-23	3.8	11
58	Contribution of Extramedullary Hematopoiesis to Atherosclerosis. The Spleen as a Neglected Hub of Inflammatory Cells. <i>Frontiers in Immunology</i> , 2020 , 11, 586527	8.4	11
57	GQ-11: A new PPAR agonist improves obesity-induced metabolic alterations in LDLr mice. <i>International Journal of Obesity</i> , 2018 , 42, 1062-1072	5.5	10
56	GM-CSF Enhances Macrophage Glycolytic Activity In Vitro and Improves Detection of Inflammation In Vivo. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 1428-35	8.9	10
55	Prostaglandin E Impairs P2Y/P2Y Receptor Signaling in Cerebellar Astrocytes via EP3 Receptors. <i>Frontiers in Pharmacology</i> , 2017 , 8, 937	5.6	9
54	Transgenic mice expressing cyclooxygenase-2 in hepatocytes reveal a minor contribution of this enzyme to chemical hepatocarcinogenesis. <i>American Journal of Pathology</i> , 2011 , 178, 1361-73	5.8	9
53	Suppression of HIV-1 infection in linomide-treated SCID-hu-PBL mice. <i>Aids</i> , 1998 , 12, 865-72	3.5	9
52	CD53 antigen and epidermal growth factor induce similar changes in the pattern of phorbol ester binding in a B cell lymphoma. <i>Cellular Immunology</i> , 1996 , 169, 107-12	4.4	9
51	Post-translational modifications of prostaglandin-endoperoxide synthase 2 in colorectal cancer: An update. <i>World Journal of Gastroenterology</i> , 2018 , 24, 5454-5461	5.6	9

50	Resolution-Based Therapies: The Potential of Lipoxins to Treat Human Diseases. <i>Frontiers in Immunology</i> , 2021 , 12, 658840	8.4	9
49	CIBER-CLAP (CIBERCV Cardioprotection Large Animal Platform): A multicenter preclinical network for testing reproducibility in cardiovascular interventions. <i>Scientific Reports</i> , 2019 , 9, 20290	4.9	9
48	A new family of synthetic diterpenes that regulates cytokine synthesis by inhibiting IkappaBalpha phosphorylation. <i>ChemBioChem</i> , 2005 , 6, 133-44	3.8	8
47	Epidermal growth factor inhibits cytokine-dependent nitric oxide synthase expression in hepatocytes. <i>FEBS Letters</i> , 1995 , 368, 193-6	3.8	8
46	NOD1 deficiency promotes an imbalance of thyroid hormones and microbiota homeostasis in mice fed high fat diet. <i>Scientific Reports</i> , 2020 , 10, 12317	4.9	8
45	New thiazolidinediones affect endothelial cell activation and angiogenesis. <i>European Journal of Pharmacology</i> , 2016 , 782, 98-106	5.3	8
44	Prolonged leptin treatment increases transient outward K ⁺ current via upregulation of Kv4.2 and Kv4.3 channel subunits in adult rat ventricular myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2014 , 466, 903-14	4.6	7
43	A labdane diterpene exerts ex vivo and in vivo cardioprotection against post-ischemic injury: involvement of AKT-dependent mechanisms. <i>Biochemical Pharmacology</i> , 2015 , 93, 428-39	6	7
42	Inhibition of 6-phosphofructo-2-kinase activity by mercaptopurines. <i>Biochemical Pharmacology</i> , 1992 , 43, 671-8	6	7
41	Sulfonylureas activate glycogen phosphorylase and increase cytosolic free-Ca ²⁺ levels in isolated rat hepatocytes. <i>Metabolism: Clinical and Experimental</i> , 1993 , 42, 624-30	12.7	7
40	Benzylamine and Thenylamine Derived Drugs Induce Apoptosis and Reduce Proliferation, Migration and Metastasis Formation in Melanoma Cells. <i>Frontiers in Oncology</i> , 2018 , 8, 328	5.3	7
39	New indole-thiazolidine attenuates atherosclerosis in LDLr(-/-) mice. <i>Vascular Pharmacology</i> , 2015 , 71, 174-80	5.9	6
38	Protection against gamma-radiation injury by protein tyrosine phosphatase 1B. <i>Redox Biology</i> , 2018 , 17, 213-223	11.3	6
37	Absence of NO synthase type II expression in fetal liver from pregnant rats under septic shock conditions. <i>Hepatology</i> , 1997 , 25, 1406-11	11.2	6
36	Presence of a nitric oxide synthase inhibitor in the graft efflux during reperfusion in human liver transplantation. <i>Clinical Transplantation</i> , 1999 , 13, 221-30	3.8	6
35	Age-related changes in the translocation of phosphatidate phosphohydrolase from the cytosol to microsomal membranes in rat liver. <i>Lipids and Lipid Metabolism</i> , 1988 , 963, 384-8		6
34	Tumor stem cells fuse with monocytes to form highly invasive tumor-hybrid cells. <i>OncolImmunology</i> , 2020 , 9, 1773204	7.2	6
33	Deficiency of NOD1 Improves the α -Adrenergic Modulation of Ca Handling in a Mouse Model of Heart Failure. <i>Frontiers in Physiology</i> , 2018 , 9, 702	4.6	5

32	Mild and Short-Term Caloric Restriction Prevents Obesity-Induced Cardiomyopathy in Young Zucker Rats without Changing in Metabolites and Fatty Acids Cardiac Profile. <i>Frontiers in Physiology</i> , 2017 , 8, 42	4.6	5
31	Sustained release of prostaglandin E ₂ in fibroblasts expressing ectopically cyclooxygenase 2 impairs P2Y-dependent Ca ²⁺ -mobilization. <i>Mediators of Inflammation</i> , 2014 , 2014, 832103	4.3	5
30	Deletion or Inhibition of NOD1 Favors Plaque Stability and Attenuates Atherothrombosis in Advanced Atherogenesis. <i>Cells</i> , 2020 , 9,	7.9	5
29	GRK2 levels in myeloid cells modulate adipose-liver crosstalk in high fat diet-induced obesity. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 4957-4976	10.3	4
28	Differential expression pattern of S-adenosylmethionine synthetase isoenzymes during rat liver development. <i>Hepatology</i> , 1996 , 24, 876-881	11.2	4
27	BML-111 treatment prevents cardiac apoptosis and oxidative stress in a mouse model of autoimmune myocarditis. <i>FASEB Journal</i> , 2020 , 34, 10531-10546	0.9	4
26	Specific Effects of Trabectedin and Lurbinectedin on Human Macrophage Function and Fate-Novel Insights. <i>Cancers</i> , 2020 , 12,	6.6	4
25	Cell Expansion-Dependent Inflammatory and Metabolic Profile of Human Bone Marrow Mesenchymal Stem Cells. <i>Frontiers in Physiology</i> , 2016 , 7, 548	4.6	4
24	Mitochondrial membrane-bound hexokinase of ascites tumor cells. Functional implications of lysine residues studied by modification with imidoesters. <i>Hoppe-Seyler's Zeitschrift für Physiologische Chemie</i> , 1982 , 363, 635-41		3
23	Beyond classic concepts in thyroid homeostasis: Immune system and microbiota. <i>Molecular and Cellular Endocrinology</i> , 2021 , 533, 111333	4.4	3
22	NOD1 in the interplay between microbiota and gastrointestinal immune adaptations. <i>Pharmacological Research</i> , 2021 , 171, 105775	10.2	3
21	Re-Education of Tumor Associated Macrophages by Trabectedin. <i>Biophysical Journal</i> , 2019 , 116, 539a-540a	4.9	2
20	Identification of a novel Pfkfb1 mRNA variant in rat fetal liver. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 431, 36-40	3.4	2
19	Differential regulation of the expression of 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase and pyruvate kinase by cyclic adenosine 3',5'-monophosphate in fetal and adult hepatocytes. <i>Journal of Cellular Physiology</i> , 1995 , 165, 630-8	7	2
18	Substrate specificity of protein kinase C inhibitors. <i>Trends in Pharmacological Sciences</i> , 1990 , 11, 477	13.2	2
17	A problematic enzyme. <i>Trends in Biochemical Sciences</i> , 1985 , 10, 62	10.3	2
16	Rat liver messenger ribonucleic acid and enzyme activity of 6-phosphofructo 2-kinase/fructose 2,6-bisphosphatase impairment during the late period of pregnancy		2
15	Crosstalk Between LXR and Caveolin-1 Signaling Supports Cholesterol Efflux and Anti-Inflammatory Pathways in Macrophages. <i>Frontiers in Endocrinology</i> , 2021 , 12, 635923	5.7	2

14	Progression of liver oncogenesis in the double transgenic mice c-myc/TGF β s not enhanced by cyclooxygenase-2 expression. <i>Prostaglandins and Other Lipid Mediators</i> , 2013 , 106, 106-15	3.7	1
13	Regulation of rat liver S-adenosylmethionine synthetase during septic shock: Role of nitric oxide. <i>Hepatology</i> , 1997 , 25, 391-396	11.2	1
12	NOD1-Targeted Immunonutrition Approaches: On the Way from Disease to Health. <i>Biomedicines</i> , 2021 , 9,	4.8	1
11	The Aryl Hydrocarbon Receptor Ligand FICZ Improves Left Ventricular Remodeling and Cardiac Function at the Onset of Pressure Overload-Induced Heart Failure in Mice. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5403	6.3	1
10	Graphene Particles Interfere with Pro-Inflammatory Polarization of Human Macrophages: Functional and Electrophysiological Evidence. <i>Advanced Biology</i> , 2021 , 5, e2100882		0
9	NOD1 splenic activation confers ferroptosis protection and reduces macrophage recruitment under pro-atherogenic conditions.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 148, 112769	7.5	0
8	P727Nucleotide-binding oligomerization domain-containing protein 1-signaling is upregulated in hearts from type 2 diabetic mice. <i>Cardiovascular Research</i> , 2014 , 103, S133.2-S133	9.9	
7	Measurement of NOS mRNA by northern blotting and the ribonuclease-protection assay. <i>Methods in Molecular Biology</i> , 1998 , 100, 163-70	1.4	
6	Nitric oxide and cell signaling: in vivo evaluation of NO-dependent apoptosis by MRI and not NMR techniques. <i>Methods in Enzymology</i> , 2005 , 396, 579-84	1.7	
5	Translocation of phosphatidate phosphohydrolase from the cytosol to microsomal membranes in thioacetamide-induced liver tumours in rats. <i>Toxicology Letters</i> , 1989 , 47, 9-16	4.4	
4	Graphene Particles Interfere with Pro-Inflammatory Polarization of Human Macrophages: Functional and Electrophysiological Evidence (Adv. Biology 11/2021). <i>Advanced Biology</i> , 2021 , 5, 2170113		
3	Induction of Nitric Oxide Synthase after Protein Kinase C Activation by Phorbol Esters 1994 , 51-64		
2	Chronic treatment with acetaminophen protects against liver aging by targeting inflammation and oxidative stress. <i>Aging</i> , 2021 , 13, 7800-7827	5.6	
1	FP229EPITHELIAL-MESENCHYMAL TRANSITION MAY BE BLOCKED BEFORE ACUTE KIDNEY INJURY EXPANSION. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, i107-i107	4.3	