Lisardo Bosca

List of Publications by Year in Descending Order

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	NOD1 splenic activation confers ferroptosis protection and reduces macrophage recruitment under pro-atherogenic conditions.. *Biomedicine and Pharmacotherapy*, **2022**, 148, 112769	7.5	0
228	The Aryl Hydrocarbon Receptor Ligand FICZ Improves Left Ventricular Remodeling and Cardiac Function at the Onset of Pressure Overload-Induced Heart Failure in Mice. *International Journal of Molecular Sciences*, **2022**, 23, 5403	6.3	1
227	Graphene Particles Interfere with Pro-Inflammatory Polarization of Human Macrophages: Functional and Electrophysiological Evidence (Adv. Biology 11/2021). *Advanced Biology*, **2021**, 5, 2170113		
226	Chronic treatment with acetaminophen protects against liver aging by targeting inflammation and oxidative stress. *Aging*, **2021**, 13, 7800-7827	5.6	
225	Resolution-Based Therapies: The Potential of Lipoxins to Treat Human Diseases. *Frontiers in Immunology*, **2021**, 12, 658840	8.4	9
224	Crosstalk Between LXR and Caveolin-1 Signaling Supports Cholesterol Efflux and Anti-Inflammatory Pathways in Macrophages. *Frontiers in Endocrinology*, **2021**, 12, 635923	5.7	2
223	NOD1-Targeted Immunonutrition Approaches: On the Way from Disease to Health. *Biomedicines*, **2021**, 9,	4.8	1
222	Beyond classic concepts in thyroid homeostasis: Immune system and microbiota. *Molecular and Cellular Endocrinology*, **2021**, 533, 111333	4.4	3
221	NOD1 in the interplay between microbiota and gastrointestinal immune adaptations. *Pharmacological Research*, **2021**, 171, 105775	10.2	3
220	Graphene Particles Interfere with Pro-Inflammatory Polarization of Human Macrophages: Functional and Electrophysiological Evidence. *Advanced Biology*, **2021**, 5, e2100882		0
219	GRK2 levels in myeloid cells modulate adipose-liver crosstalk in high fat diet-induced obesity. *Cellular and Molecular Life Sciences*, **2020**, 77, 4957-4976	10.3	4
218	Inflammation in Parkinson's Disease: Mechanisms and Therapeutic Implications. *Cells*, **2020**, 9,	7.9	92
217	Tumor stem cells fuse with monocytes to form highly invasive tumor-hybrid cells. *OncoImmunology*, **2020**, 9, 1773204	7.2	6
216	Contribution of Extramedullary Hematopoiesis to Atherosclerosis. The Spleen as a Neglected Hub of Inflammatory Cells. *Frontiers in Immunology*, **2020**, 11, 586527	8.4	11
215	NOD1 deficiency promotes an imbalance of thyroid hormones and microbiota homeostasis in mice fed high fat diet. *Scientific Reports*, **2020**, 10, 12317	4.9	8
214	Innate Immune Receptors, Key Actors in Cardiovascular Diseases. *JACC Basic To Translational Science*, **2020**, 5, 735-749	8.7	22
213	BML-111 treatment prevents cardiac apoptosis and oxidative stress in a mouse model of autoimmune myocarditis. *FASEB Journal*, **2020**, 34, 10531-10546	0.9	4

212	Specific Effects of Trabectedin and Lurbinectedin on Human Macrophage Function and Fate-Novel Insights. *Cancers*, **2020**, 12,	6.6	4
211	Deletion or Inhibition of NOD1 Favors Plaque Stability and Attenuates Atherothrombosis in Advanced Atherogenesis. *Cells*, **2020**, 9,	7.9	5
210	Interplay between post-translational cyclooxygenase-2 modifications and the metabolic and proteomic profile in a colorectal cancer cohort. *World Journal of Gastroenterology*, **2019**, 25, 433-446	5.6	12
209	LXR Signaling Regulates Macrophage Survival and Inflammation in Response to Ionizing Radiation. *International Journal of Radiation Oncology Biology Physics*, **2019**, 104, 913-923	4	12
208	Re-Education of Tumor Associated Macrophages by Trabectedin. *Biophysical Journal*, **2019**, 116, 539a-540a	2.9	2
207	Amyloid Peptide Induced Neuroinflammation Increases the P2X7 Receptor Expression in Microglial Cells, Impacting on Its Functionality. *Frontiers in Cellular Neuroscience*, **2019**, 13, 143	6.1	26
206	Self-defense of macrophages against oxidative injury: Fighting for their own survival. *Redox Biology*, **2019**, 26, 101261	11.3	39
205	CIBER-CLAP (CIBERCV Cardioprotection Large Animal Platform): A multicenter preclinical network for testing reproducibility in cardiovascular interventions. *Scientific Reports*, **2019**, 9, 20290	4.9	9
204	Transition of Macrophages to Fibroblast-Like Cells in Healing Myocardial Infarction. *Journal of the American College of Cardiology*, **2019**, 74, 3124-3135	15.1	35
203	Protective Role of Hepatocyte Cyclooxygenase-2 Expression Against Liver Ischemia-Reperfusion Injury in Mice. *Hepatology*, **2019**, 70, 650-665	11.2	34
202	Common and Differential Transcriptional Actions of Nuclear Receptors Liver X Receptors and in Macrophages. *Molecular and Cellular Biology*, **2019**, 39,	4.8	19
201	Endothelial NOD1 directs myeloid cell recruitment in atherosclerosis through VCAM-1. *FASEB Journal*, **2019**, 33, 3912-3921	0.9	14
200	GQ-11: A new PPAR agonist improves obesity-induced metabolic alterations in LDLr mice. *International Journal of Obesity*, **2018**, 42, 1062-1072	5.5	10
199	Protection against gamma-radiation injury by protein tyrosine phosphatase 1B. *Redox Biology*, **2018**, 17, 213-223	11.3	6
198	Deficiency of NOD1 Improves the -Adrenergic Modulation of Ca Handling in a Mouse Model of Heart Failure. *Frontiers in Physiology*, **2018**, 9, 702	4.6	5
197	Post-translational modifications of prostaglandin-endoperoxide synthase 2 in colorectal cancer: An update. *World Journal of Gastroenterology*, **2018**, 24, 5454-5461	5.6	9
196	PGE induces apoptosis of hepatic stellate cells and attenuates liver fibrosis in mice by downregulating miR-23a-5p and miR-28a-5p. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 325-337	6.9	27
195	FP229EPITHELIAL-MESENCHYMAL TRANSITION MAY BE BLOCKED BEFORE ACUTE KIDNEY INJURY EXPANSION. *Nephrology Dialysis Transplantation*, **2018**, 33, i107-i107	4.3	

194	Benzylamine and Thenylamine Derived Drugs Induce Apoptosis and Reduce Proliferation, Migration and Metastasis Formation in Melanoma Cells. *Frontiers in Oncology*, **2018**, 8, 328	5.3	7
193	Role of NOD1 in Heart Failure Progression via Regulation of Ca Handling. *Journal of the American College of Cardiology*, **2017**, 69, 423-433	15.1	23
192	NOD1 activation in cardiac fibroblasts induces myocardial fibrosis in a murine model of type 2 diabetes. *Biochemical Journal*, **2017**, 474, 399-410	3.8	11
191	Prostaglandin E Impairs P2Y/P2Y Receptor Signaling in Cerebellar Astrocytes via EP3 Receptors. *Frontiers in Pharmacology*, **2017**, 8, 937	5.6	9
190	Mild and Short-Term Caloric Restriction Prevents Obesity-Induced Cardiomyopathy in Young Zucker Rats without Changing in Metabolites and Fatty Acids Cardiac Profile. *Frontiers in Physiology*, **2017**, 8, 42	4.6	5
189	Cyclooxygenase-2 expression in hepatocytes attenuates non-alcoholic steatohepatitis and liver fibrosis in mice. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2016**, 1862, 1710-23	6.9	27
188	New PPAR□partial agonist improves obesity-induced metabolic alterations and atherosclerosis in LDLr(-/-) mice. *Pharmacological Research*, **2016**, 104, 49-60	10.2	23
187	Cell Expansion-Dependent Inflammatory and Metabolic Profile of Human Bone Marrow Mesenchymal Stem Cells. *Frontiers in Physiology*, **2016**, 7, 548	4.6	4
186	GM-CSF Enhances Macrophage Glycolytic Activity In Vitro and Improves Detection of Inflammation In Vivo. *Journal of Nuclear Medicine*, **2016**, 57, 1428-35	8.9	10
185	New thiazolidinediones affect endothelial cell activation and angiogenesis. *European Journal of Pharmacology*, **2016**, 782, 98-106	5.3	8
184	NOD1, a new player in cardiac function and calcium handling. *Cardiovascular Research*, **2015**, 106, 375-86	9.9	21
183	HIF-1□and PFKFB3 Mediate a Tight Relationship Between Proinflammatory Activation and Anerobic Metabolism in Atherosclerotic Macrophages. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1463-71	9.4	111
182	Regulation of MicroRNA 183 by Cyclooxygenase 2 in Liver Is DEAD-Box Helicase p68 (DDX5) Dependent: Role in Insulin Signaling. *Molecular and Cellular Biology*, **2015**, 35, 2554-67	4.8	30
181	New indole-thiazolidine attenuates atherosclerosis in LDLr(-/-) mice. *Vascular Pharmacology*, **2015**, 71, 174-80	5.9	6
180	Activation of autophagy in macrophages by pro-resolving lipid mediators. *Autophagy*, **2015**, 11, 1729-44	10.2	48
179	Hepatic cyclooxygenase-2 expression protects against diet-induced steatosis, obesity, and insulin resistance. *Diabetes*, **2015**, 64, 1522-31	0.9	30
178	Metabolic signatures linked to macrophage polarization: from glucose metabolism to oxidative phosphorylation. *Biochemical Society Transactions*, **2015**, 43, 740-4	5.1	36
177	Epigenetics override pro-inflammatory PTGS transcriptomic signature towards selective hyperactivation of PGE2 in colorectal cancer. *Clinical Epigenetics*, **2015**, 7, 74	7.7	27

176	A labdane diterpene exerts ex vivo and in vivo cardioprotection against post-ischemic injury: involvement of AKT-dependent mechanisms. *Biochemical Pharmacology*, **2015**, 93, 428-39	6	7
175	Pivotal role of protein tyrosine phosphatase 1B (PTP1B) in the macrophage response to pro-inflammatory and anti-inflammatory challenge. *Cell Death and Disease*, **2014**, 5, e1125	9.8	58
174	Anti-inflammatory actions of acanthoic acid-related diterpenes involve activation of the PI3K p110 subunits and inhibition of NF-B. *Chemistry and Biology*, **2014**, 21, 955-66		19
173	Prolonged leptin treatment increases transient outward K+ current via upregulation of Kv4.2 and Kv4.3 channel subunits in adult rat ventricular myocytes. *Pflugers Archiv European Journal of Physiology*, **2014**, 466, 903-14	4.6	7
172	P727Nucleotide-binding oligomerization domain-containing protein 1-signaling is upregulated in hearts from type 2 diabetic mice. *Cardiovascular Research*, **2014**, 103, S133.2-S133	9.9	
171	Involvement of monocytes/macrophages as key factors in the development and progression of cardiovascular diseases. *Biochemical Journal*, **2014**, 458, 187-93	3.8	45
170	Mitochondrial DAMPs induce endotoxin tolerance in human monocytes: an observation in patients with myocardial infarction. *PLoS ONE*, **2014**, 9, e95073	3.7	34
169	NFB2/p100 is a key factor for endotoxin tolerance in human monocytes: a demonstration using primary human monocytes from patients with sepsis. *Journal of Immunology*, **2014**, 193, 4195-202	5.3	22
168	Impaired autophagic flux is associated with increased endoplasmic reticulum stress during the development of NAFLD. *Cell Death and Disease*, **2014**, 5, e1179	9.8	325
167	Sustained release of prostaglandin E in fibroblasts expressing ectopically cyclooxygenase 2 impairs P2Y-dependent Ca+-mobilization. *Mediators of Inflammation*, **2014**, 2014, 832103	4.3	5
166	NOD1 receptor is up-regulated in diabetic human and murine myocardium. *Clinical Science*, **2014**, 127, 665-77	6.5	16
165	2-deoxy-2-[18F]fluoro-D-mannose positron emission tomography imaging in atherosclerosis. *Nature Medicine*, **2014**, 20, 215-9	50.5	128
164	Regulation of 15-hydroxyprostaglandin dehydrogenase expression in hepatocellular carcinoma. *International Journal of Biochemistry and Cell Biology*, **2013**, 45, 2501-11	5.6	12
163	Identification of a novel Pfkfb1 mRNA variant in rat fetal liver. *Biochemical and Biophysical Research Communications*, **2013**, 431, 36-40	3.4	2
162	Critical role of the death receptor pathway in the antitumoral effects induced by hispanolone derivatives. *Oncogene*, **2013**, 32, 259-68	9.2	12
161	Progression of liver oncogenesis in the double transgenic mice c-myc/TGF is not enhanced by cyclooxygenase-2 expression. *Prostaglandins and Other Lipid Mediators*, **2013**, 106, 106-15	3.7	1
160	Modulation of voltage-dependent and inward rectifier potassium channels by 15-epi-lipoxin-A4 in activated murine macrophages: implications in innate immunity. *Journal of Immunology*, **2013**, 191, 6136-46	5.3	24
159	Selective impairment of P2Y signaling by prostaglandin E2 in macrophages: implications for Ca2+-dependent responses. *Journal of Immunology*, **2013**, 190, 4226-35	5.3	19

158	NOD1 activation induces cardiac dysfunction and modulates cardiac fibrosis and cardiomyocyte apoptosis. *PLoS ONE*, **2012**, 7, e45260	3.7	36
157	Cyclooxygenase-2 is a target of microRNA-16 in human hepatoma cells. *PLoS ONE*, **2012**, 7, e50935	3.7	30
156	Protein kinase C (PKC)-mediated Gq stimulation of ERK5 protein pathway in cardiomyocytes and cardiac fibroblasts. *Journal of Biological Chemistry*, **2012**, 287, 7792-802	5.4	24
155	Evaluation of epigenetic modulation of cyclooxygenase-2 as a prognostic marker for hepatocellular carcinoma. *Oncogenesis*, **2012**, 1, e23	6.6	22
154	Relevance of the MEK/ERK signaling pathway in the metabolism of activated macrophages: a metabolomic approach. *Journal of Immunology*, **2012**, 188, 1402-10	5.3	49
153	Cardiotrophin-1 induces sarcoplasmic reticulum Ca(2+) leak and arrhythmogenesis in adult rat ventricular myocytes. *Cardiovascular Research*, **2012**, 96, 81-9	9.9	19
152	Transgenic mice expressing cyclooxygenase-2 in hepatocytes reveal a minor contribution of this enzyme to chemical hepatocarcinogenesis. *American Journal of Pathology*, **2011**, 178, 1361-73	5.8	9
151	Hepatic insulin resistance is associated with increased apoptosis and fibrogenesis in nonalcoholic steatohepatitis and chronic hepatitis C. *Journal of Hepatology*, **2011**, 54, 142-52	13.4	72
150	Cot/tpl2 activity is required for TLR-induced activation of the Akt p70 S6k pathway in macrophages: Implications for NO synthase 2 expression. *European Journal of Immunology*, **2011**, 41, 1733-41	6.1	48
149	Labdane diterpenes protect against anoxia/reperfusion injury in cardiomyocytes: involvement of AKT activation. *Cell Death and Disease*, **2011**, 2, e229	9.8	30
148	Anti-inflammatory and antioxidant properties of a new arylidene-thiazolidinedione in macrophages. *Current Medicinal Chemistry*, **2011**, 18, 3351-60	4.3	23
147	Lipoxin A4 impairment of apoptotic signaling in macrophages: implication of the PI3K/Akt and the ERK/Nrf-2 defense pathways. *Cell Death and Differentiation*, **2010**, 17, 1179-88	12.7	80
146	Retinoid X receptor alpha controls innate inflammatory responses through the up-regulation of chemokine expression. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 10626-31	11.5	90
145	Cilastatin attenuates cisplatin-induced proximal tubular cell damage. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 334, 419-29	4.7	57
144	Impairment of transforming growth factor beta signaling in caveolin-1-deficient hepatocytes: role in liver regeneration. *Journal of Biological Chemistry*, **2010**, 285, 3633-3642	5.4	30
143	Substrate fate in activated macrophages: a comparison between innate, classic, and alternative activation. *Journal of Immunology*, **2010**, 185, 605-14	5.3	627
142	ILK mediates LPS-induced vascular adhesion receptor expression and subsequent leucocyte trans-endothelial migration. *Cardiovascular Research*, **2010**, 86, 283-92	9.9	31
141	Benznidazole blocks NF-kappaB activation but not AP-1 through inhibition of IKK. *Molecular Immunology*, **2010**, 47, 2485-91	4.3	20

140	Electronegative LDL induction of apoptosis in macrophages: involvement of Nrf2. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2010**, 1801, 430-7	5	19
139	Bioactivity of nitrolinoleate: effects on adhesion molecules and CD40-CD40L system. *Journal of Nutritional Biochemistry*, **2010**, 21, 125-32	6.3	14
138	Mice lacking thyroid hormone receptor Beta show enhanced apoptosis and delayed liver commitment for proliferation after partial hepatectomy. *PLoS ONE*, **2010**, 5, e8710	3.7	31
137	COX-2 in liver, from regeneration to hepatocarcinogenesis: what we have learned from animal models?. *World Journal of Gastroenterology*, **2010**, 16, 1430-5	5.6	23
136	Constitutive COX-2 activity in cardiomyocytes confers permanent cardioprotection Constitutive COX-2 expression and cardioprotection. *Journal of Molecular and Cellular Cardiology*, **2009**, 46, 160-8	5.8	34
135	Vasorelaxant and anti-platelet aggregation effects of aqueous Ocimum basilicum extract. *Journal of Ethnopharmacology*, **2009**, 125, 157-62	5	45
134	Suppression of inflammatory responses by labdane-type diterpenoids. *Toxicology and Applied Pharmacology*, **2008**, 228, 179-89	4.6	37
133	Constitutive expression of cyclo-oxygenase 2 transgene in hepatocytes protects against liver injury. *Biochemical Journal*, **2008**, 416, 337-46	3.8	24
132	Protection against Fas-induced liver apoptosis in transgenic mice expressing cyclooxygenase 2 in hepatocytes. *Hepatology*, **2007**, 45, 631-8	11.2	36
131	Dispensability and dynamics of caveolin-1 during liver regeneration and in isolated hepatic cells. *Hepatology*, **2007**, 46, 813-22	11.2	45
130	Kaurane diterpenes protect against apoptosis and inhibition of phagocytosis in activated macrophages. *British Journal of Pharmacology*, **2007**, 152, 249-55	8.6	30
129	Identification of conserved domains in the promoter regions of nitric oxide synthase 2: implications for the species-specific transcription and evolutionary differences. *BMC Genomics*, **2007**, 8, 271	4.5	15
128	TLR4-mediated survival of macrophages is MyD88 dependent and requires TNF-alpha autocrine signalling. *Journal of Immunology*, **2007**, 178, 3731-9	5.3	88
127	Selective activation of liver X receptors by acanthoic acid-related diterpenes. *Molecular Pharmacology*, **2007**, 71, 1545-53	4.3	33
126	Atherogenesis takes place in cholesterol-fed rabbits when circulating concentrations of endogenous cortisol are increased and inflammation suppressed. *Atherosclerosis*, **2007**, 191, 333-9	3.1	13
125	Selective impairment of nuclear factor-kappaB-dependent gene transcription in adult cardiomyocytes: relevance for the regulation of the inflammatory response in the heart. *American Journal of Pathology*, **2007**, 171, 820-8	5.8	34
124	Animal models for the study of liver regeneration: role of nitric oxide and prostaglandins. *Frontiers in Bioscience - Landmark*, **2007**, 12, 13-21	2.8	12
123	Potentiation of tumor formation by topical administration of 15-deoxy-delta12,14-prostaglandin J2 in a model of skin carcinogenesis. *Carcinogenesis*, **2006**, 27, 328-36	4.6	35

122	Involvement of mitogen-activated protein kinases in the symbiosis Bradyrhizobium-Lupinus. *Journal of Experimental Botany*, **2006**, 57, 2735-42	7	20
121	Specific contribution of p19(ARF) to nitric oxide-dependent apoptosis. *Journal of Immunology*, **2006**, 177, 3327-36	5.3	40
120	Infiltration of inflammatory cells plays an important role in matrix metalloproteinase expression and activation in the heart during sepsis. *American Journal of Pathology*, **2006**, 169, 1567-76	5.8	25
119	The flavonoid quercetin induces apoptosis and inhibits JNK activation in intimal vascular smooth muscle cells. *Biochemical and Biophysical Research Communications*, **2006**, 346, 919-25	3.4	68
118	Cyclooxygenase 2: understanding the pathophysiological role through genetically altered mouse models. *Frontiers in Bioscience - Landmark*, **2006**, 11, 2876-88	2.8	19
117	Cyclo-oxygenase 2 expression impairs serum-withdrawal-induced apoptosis in liver cells. *Biochemical Journal*, **2006**, 398, 371-80	3.8	22
116	Rosiglitazone and 15-deoxy-Delta12,14-prostaglandin J2 cause potent neuroprotection after experimental stroke through noncompletely overlapping mechanisms. *Journal of Cerebral Blood Flow and Metabolism*, **2006**, 26, 218-29	7.3	93
115	The nonthiazolidinedione PPARgamma agonist L-796,449 is neuroprotective in experimental stroke. *Journal of Neuropathology and Experimental Neurology*, **2005**, 64, 797-805	3.1	59
114	Nitric oxide and cell viability in inflammatory cells: a role for NO in macrophage function and fate. *Toxicology*, **2005**, 208, 249-58	4.4	261
113	A new family of synthetic diterpenes that regulates cytokine synthesis by inhibiting IkappaBalpha phosphorylation. *ChemBioChem*, **2005**, 6, 133-44	3.8	8
112	Prostaglandin E2 promotes migration and adhesion in hepatocellular carcinoma cells. *Carcinogenesis*, **2005**, 26, 753-61	4.6	75
111	Assessment of a dual regulatory role for NO in liver regeneration after partial hepatectomy: protection against apoptosis and retardation of hepatocyte proliferation. *FASEB Journal*, **2005**, 19, 995-7	9.9	26
110	Nitric oxide and cell signaling: in vivo evaluation of NO-dependent apoptosis by MRI and not NMR techniques. *Methods in Enzymology*, **2005**, 396, 579-84	1.7	
109	Attenuation of NF-kappaB signalling in rat cardiomyocytes at birth restricts the induction of inflammatory genes. *Cardiovascular Research*, **2004**, 64, 289-97	9.9	25
108	Induction of nitric oxide synthase-2 proceeds with the concomitant downregulation of the endogenous caveolin levels. *Journal of Cell Science*, **2004**, 117, 1687-97	5.3	18
107	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. *Gut*, **2004**, 53, 1665-72	19.2	120
106	The P34G mutation reduces the transforming activity of K-Ras and N-Ras in NIH 3T3 cells but not of H-Ras. *Journal of Biological Chemistry*, **2004**, 279, 33480-91	5.4	24
105	PGE1-induced NO reduces apoptosis by D-galactosamine through attenuation of NF-kappaB and NOS-2 expression in rat hepatocytes. *Hepatology*, **2004**, 40, 1295-303	11.2	29

104	Simultaneous abrogation of NOS-2 and COX-2 activities is lethal in partially hepatectomised mice. *Journal of Hepatology*, **2004**, 40, 926-33	13.4	19
103	Thioacetamide-induced liver regeneration involves the expression of cyclooxygenase 2 and nitric oxide synthase 2 in hepatocytes. *Journal of Hepatology*, **2004**, 40, 963-70	13.4	32
102	Sustained nitric oxide delivery delays nitric oxide-dependent apoptosis in macrophages: contribution to the physiological function of activated macrophages. *Journal of Immunology*, **2003**, 171, 6059-64	5.3	19
101	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. *Molecular and Cellular Biology*, **2003**, 23, 1196-208	4.8	40
100	Induction of cyclooxygenase-2 accounts for restraint stress-induced oxidative status in rat brain. *Neuropsychopharmacology*, **2003**, 28, 1579-88	8.7	117
99	Thromboxane A2-induced inhibition of voltage-gated K+ channels and pulmonary vasoconstriction: role of protein kinase Czeta. *Circulation Research*, **2003**, 93, 656-63	15.7	123
98	Terpenoids: sources, structure elucidation and therapeutic potential in inflammation. *Current Topics in Medicinal Chemistry*, **2003**, 3, 171-85	3	53
97	Presence of methylated arginine derivatives in orthotopic human liver transplantation: relevance for liver function. *Liver Transplantation*, **2003**, 9, 40-8	4.5	22
96	The nNOS inhibitor, AR-R17477AR, prevents the loss of NF68 immunoreactivity induced by methamphetamine in the mouse striatum. *Journal of Neurochemistry*, **2003**, 85, 515-24	6	35
95	H-Ras-specific activation of NF-kappaB protects NIH 3T3 cells against stimulus-dependent apoptosis. *Oncogene*, **2003**, 22, 477-83	9.2	27
94	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. *Journal of Physiology*, **2003**, 553, 395-405	3.9	79
93	PKCepsilon is a permissive link in integrin-dependent IFN-gamma signalling that facilitates JAK phosphorylation of STAT1. *Nature Cell Biology*, **2003**, 5, 363-9	23.4	63
92	Ammonia prevents glutamate-induced but not low K(+)-induced apoptosis in cerebellar neurons in culture. *Neuroscience*, **2003**, 117, 899-907	3.9	15
91	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. *Molecular Pharmacology*, **2003**, 63, 671-7	4.3	15
90	The cyclopentenone 15-deoxy-delta 12,14-prostaglandin J2 binds to and activates H-Ras. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 4772-7	11.5	117
89	The increase in TNF-alpha levels is implicated in NF-kappaB activation and inducible nitric oxide synthase expression in brain cortex after immobilization stress. *Neuropsychopharmacology*, **2002**, 26, 155-63	8.7	175
88	Interleukin-4 and interleukin-10 modulate nuclear factor kappaB activity and nitric oxide synthase-2 expression in Theiler's virus-infected brain astrocytes. *Journal of Neurochemistry*, **2002**, 81, 1242-52	6	29
87	Nitric oxide in liver inflammation and regeneration. *Metabolic Brain Disease*, **2002**, 17, 325-34	3.9	17

86	Absence of nuclear factor kappaB inhibition by NSAIDs in hepatocytes. *Hepatology*, **2002**, 35, 341-8	11.2	20
85	Nitric oxide and resolution of inflammation. *Methods in Enzymology*, **2002**, 359, 459-65	1.7	13
84	Induction of apoptosis by nitric oxide in macrophages is independent of apoptotic volume decrease. *Cell Death and Differentiation*, **2002**, 9, 643-50	12.7	47
83	Coexistence of translocated cytochrome c and nitrated protein in neurons of the rat cerebral cortex after oxygen and glucose deprivation. *Neuroscience*, **2002**, 111, 47-56	3.9	35
82	Inducible nitric oxide synthase expression in brain cortex after acute restraint stress is regulated by nuclear factor kappaB-mediated mechanisms. *Journal of Neurochemistry*, **2001**, 76, 532-8	6	153
81	Expression of cyclooxygenase-2 promotes the release of matrix metalloproteinase-2 and -9 in fetal rat hepatocytes. *Hepatology*, **2001**, 33, 860-7	11.2	78
80	Intracellular water motion decreases in apoptotic macrophages after caspase activation. *Cell Death and Differentiation*, **2001**, 8, 1022-8	12.7	31
79	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). *Journal of Biological Chemistry*, **2001**, 276, 34082-8	5.4	39
78	Protein kinase Cepsilon is required for macrophage activation and defense against bacterial infection. *Journal of Experimental Medicine*, **2001**, 194, 1231-42	16.6	212
77	Contribution of cyclooxygenase 2 to liver regeneration after partial hepatectomy. *FASEB Journal*, **2001**, 15, 2016-8	0.9	85
76	Protection by nitric oxide against liver inflammatory injury in animals carrying a nitric oxide synthase-2 transgene. *FASEB Journal*, **2001**, 15, 583-5	0.9	41
75	Up-regulation of TNF-alpha convertase (TACE/ADAM17) after oxygen-glucose deprivation in rat forebrain slices. *Neuropharmacology*, **2001**, 40, 1094-102	5.5	58
74	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. *Journal of Biological Chemistry*, **2001**, 276, 15854-60	5.4	94
73	Implication of glutamate in the expression of inducible nitric oxide synthase after oxygen and glucose deprivation in rat forebrain slices. *Journal of Neurochemistry*, **2000**, 74, 2041-8	6	87
72	Chronic stress induces the expression of inducible nitric oxide synthase in rat brain cortex. *Journal of Neurochemistry*, **2000**, 74, 785-91	6	180
71	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. *Diabetes*, **2000**, 49, 209-17	0.9	43
70	Anti-inflammatory action of type I interferons deduced from mice expressing interferon beta. *Gene Therapy*, **2000**, 7, 817-25	4	17
69	Contribution of cyclopentenone prostaglandins to the resolution of inflammation through the potentiation of apoptosis in activated macrophages. *Journal of Immunology*, **2000**, 165, 6525-31	5.3	109

68	Inhibition of IkappaB kinase and IkappaB phosphorylation by 15-deoxy-Delta(12,14)-prostaglandin J(2) in activated murine macrophages. *Molecular and Cellular Biology*, **2000**, 20, 1692-8	4.8	249
67	Mechanisms of the neuroprotective effect of aspirin after oxygen and glucose deprivation in rat forebrain slices. *Neuropharmacology*, **2000**, 39, 1309-18	5.5	58
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