

# Mark T Quinn

## List of Publications by Citations

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226  
papers

16,102  
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63  
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122  
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232  
ext. papers

17,207  
ext. citations

5.7  
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6.31  
L-index

#	Paper	IF	Citations
226	Botanical polysaccharides: macrophage immunomodulation and therapeutic potential. <i>International Immunopharmacology</i> , <b>2006</b> , 6, 317-33	5.8	880
225	Superoxide production and expression of nox family proteins in human atherosclerosis. <i>Circulation</i> , <b>2002</b> , 105, 1429-35	16.7	741
224	Expression of a functionally active gp91phox-containing neutrophil-type NAD(P)H oxidase in smooth muscle cells from human resistance arteries: regulation by angiotensin II. <i>Circulation Research</i> , <b>2002</b> , 90, 1205-13	15.7	516
223	Aldosterone-induced inflammation in the rat heart : role of oxidative stress. <i>American Journal of Pathology</i> , <b>2002</b> , 161, 1773-81	5.8	511
222	Novel competitive inhibitor of NAD(P)H oxidase assembly attenuates vascular O(2)(-) and systolic blood pressure in mice. <i>Circulation Research</i> , <b>2001</b> , 89, 408-14	15.7	510
221	Distinct subcellular localizations of Nox1 and Nox4 in vascular smooth muscle cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2004</b> , 24, 677-83	9.4	480
220	Novel role of gp91(phox)-containing NAD(P)H oxidase in vascular endothelial growth factor-induced signaling and angiogenesis. <i>Circulation Research</i> , <b>2002</b> , 91, 1160-7	15.7	424
219	Assembly of the phagocyte NADPH oxidase: molecular interaction of oxidase proteins. <i>Journal of Leukocyte Biology</i> , <b>1996</b> , 60, 677-91	6.5	423
218	Localization of a constitutively active, phagocyte-like NADPH oxidase in rabbit aortic adventitia: enhancement by angiotensin II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 14483-8	11.5	397
217	Upregulation of Nox-based NAD(P)H oxidases in restenosis after carotid injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2002</b> , 22, 21-7	9.4	391
216	Structure and regulation of the neutrophil respiratory burst oxidase: comparison with nonphagocyte oxidases. <i>Journal of Leukocyte Biology</i> , <b>2004</b> , 76, 760-81	6.5	354
215	Superoxide anion from the adventitia of the rat thoracic aorta inactivates nitric oxide. <i>Circulation Research</i> , <b>1998</b> , 82, 810-8	15.7	313
214	Expression and cellular localization of classic NADPH oxidase subunits in the spontaneously hypertensive rat kidney. <i>Hypertension</i> , <b>2002</b> , 39, 269-74	8.5	312
213	Role of NADPH oxidase in the vascular hypertrophic and oxidative stress response to angiotensin II in mice. <i>Circulation Research</i> , <b>2001</b> , 88, 947-53	15.7	301
212	Heparin is an adhesive ligand for the leukocyte integrin Mac-1 (CD11b/CD1). <i>Journal of Cell Biology</i> , <b>1995</b> , 130, 1473-82	7.3	249
211	Effects of NADPH oxidase inhibitor in diabetic nephropathy. <i>Kidney International</i> , <b>2005</b> , 67, 1890-8	9.9	238
210	Molecular evolution of the reactive oxygen-generating NADPH oxidase (Nox/Duox) family of enzymes. <i>BMC Evolutionary Biology</i> , <b>2007</b> , 7, 109	3	235

209	Translocation of Rac correlates with NADPH oxidase activation. Evidence for equimolar translocation of oxidase components.. <i>Journal of Biological Chemistry</i> , <b>1993</b> , 268, 20983-20987	5.4	225
208	Association of a Ras-related protein with cytochrome b of human neutrophils. <i>Nature</i> , <b>1989</b> , 342, 198-200	0.4	221
207	NOX5 NAD(P)H oxidase regulates growth and apoptosis in DU 145 prostate cancer cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2003</b> , 285, C353-69	5.4	208
206	AT1 blockade prevents glucose-induced cardiac dysfunction in ventricular myocytes: role of the AT1 receptor and NADPH oxidase. <i>Hypertension</i> , <b>2003</b> , 42, 206-12	8.5	208
205	Dose-dependent regulation of NAD(P)H oxidase expression by angiotensin II in human endothelial cells: protective effect of angiotensin II type 1 receptor blockade in patients with coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2002</b> , 22, 1845-51	9.4	191
204	NADPH oxidase contributes directly to oxidative stress and apoptosis in nerve growth factor-deprived sympathetic neurons. <i>Journal of Neuroscience</i> , <b>2000</b> , 20, RC53	6.6	186
203	Gp91(phox) is the heme binding subunit of the superoxide-generating NADPH oxidase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 7993-8	11.5	186
202	Synaptic localization of a functional NADPH oxidase in the mouse hippocampus. <i>Molecular and Cellular Neurosciences</i> , <b>2005</b> , 29, 97-106	4.8	172
201	Molecular characterization of a superoxide-generating NAD(P)H oxidase in the ventilatory muscles. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 165, 412-8	10.2	164
200	PB1 domain-mediated heterodimerization in NADPH oxidase and signaling complexes of atypical protein kinase C with Par6 and p62. <i>Molecular Cell</i> , <b>2003</b> , 12, 39-50	17.6	162
199	Nicotinamide adenine dinucleotide phosphate reduced oxidase 5 (Nox5) regulation by angiotensin II and endothelin-1 is mediated via calcium/calmodulin-dependent, rac-1-independent pathways in human endothelial cells. <i>Circulation Research</i> , <b>2010</b> , 106, 1363-73	15.7	145
198	Topological mapping of neutrophil cytochrome b epitopes with phage-display libraries. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 16974-80	5.4	144
197	Macrophage immunomodulatory activity of polysaccharides isolated from <i>Juniperus scopolorum</i> . <i>International Immunopharmacology</i> , <b>2005</b> , 5, 1783-99	5.8	142
196	p47phox associates with the cytoskeleton through cortactin in human vascular smooth muscle cells: role in NAD(P)H oxidase regulation by angiotensin II. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 512-8	9.4	141
195	Regulation of the phagocyte NADPH oxidase activity: phosphorylation of gp91phox/NOX2 by protein kinase C enhances its diaphorase activity and binding to Rac2, p67phox, and p47phox. <i>FASEB Journal</i> , <b>2009</b> , 23, 1011-22	0.9	139
194	Macrophage immunomodulatory activity of polysaccharides isolated from <i>Opuntia polyacantha</i> . <i>International Immunopharmacology</i> , <b>2008</b> , 8, 1455-66	5.8	137
193	Neutrophil priming in host defense: role of oxidants as priming agents. <i>Antioxidants and Redox Signaling</i> , <b>2002</b> , 4, 69-83	8.4	136
192	The expanding role of NADPH oxidases in health and disease: no longer just agents of death and destruction. <i>Clinical Science</i> , <b>2006</b> , 111, 1-20	6.5	135

191	Mapping sites of interaction of p47-phox and flavocytochrome b with random-sequence peptide phage display libraries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 7110-4	11.5	127
190	Measurement and characterization of superoxide generation in microglial cells: evidence for an NADPH oxidase-dependent pathway. <i>Archives of Biochemistry and Biophysics</i> , <b>1998</b> , 353, 312-21	4.1	126
189	An NAD(P)H oxidase regulates growth and transcription in melanoma cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2002</b> , 282, C1212-24	5.4	123
188	Metallothionein prolongs survival and antagonizes senescence-associated cardiomyocyte diastolic dysfunction: role of oxidative stress. <i>FASEB Journal</i> , <b>2006</b> , 20, 1024-6	0.9	122
187	Role of NF-kappaB in transcriptional regulation of the phagocyte NADPH oxidase by tumor necrosis factor-alpha. <i>Journal of Leukocyte Biology</i> , <b>2007</b> , 82, 729-41	6.5	117
186	Improved quantitative structure-activity relationship models to predict antioxidant activity of flavonoids in chemical, enzymatic, and cellular systems. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 1749-70	3.4	113
185	IQGAP1 regulates reactive oxygen species-dependent endothelial cell migration through interacting with Nox2. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 2295-300	9.4	107
184	Assembly of the human neutrophil NADPH oxidase involves binding of p67phox and flavocytochrome b to a common functional domain in p47phox. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 17013-20	5.4	103
183	Paracrine role of adventitial superoxide anion in mediating spontaneous tone of the isolated rat aorta in angiotensin II-induced hypertension. <i>Hypertension</i> , <b>1999</b> , 33, 1225-32	8.5	102
182	D5 dopamine receptor regulation of reactive oxygen species production, NADPH oxidase, and blood pressure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2006</b> , 290, R96-R104	3.2	90
181	Modulation of endotoxin- and enterotoxin-induced cytokine release by in vivo treatment with beta-(1,6)-branched beta-(1,3)-glucan. <i>Infection and Immunity</i> , <b>1999</b> , 67, 244-52	3.7	90
180	Cytochrome b558-dependent NAD(P)H oxidase-phox units in smooth muscle and macrophages of atherosclerotic lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2002</b> , 22, 2037-43	9.4	88
179	A domain of p47phox that interacts with human neutrophil flavocytochrome b558. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 26246-51	5.4	86
178	Analysis of activation-induced conformational changes in p47phox using tryptophan fluorescence spectroscopy. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 29502-10	5.4	84
177	NADPH oxidase promotes NF-kappaB activation and proliferation in human airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2002</b> , 282, L782-95	5.8	82
176	Fractionation and characterization of biologically-active polysaccharides from <i>Artemisia tripartita</i> . <i>Phytochemistry</i> , <b>2008</b> , 69, 1359-71	4	80
175	Mechanisms of antioxidant and pro-oxidant effects of alpha-lipoic acid in the diabetic and nondiabetic kidney. <i>Kidney International</i> , <b>2005</b> , 67, 1371-80	9.9	80
174	Immunomodulatory activity of acidic polysaccharides isolated from <i>Tanacetum vulgare</i> L. <i>International Immunopharmacology</i> , <b>2007</b> , 7, 1639-50	5.8	78

173	Differential regulation of Nox1, Nox2 and Nox4 in vascular smooth muscle cells from WKY and SHR. <i>Journal of the American Society of Hypertension</i> , <b>2011</b> , 5, 137-53		75
172	Assembly of the neutrophil respiratory burst oxidase: a direct interaction between p67PHOX and cytochrome b558 II. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 4262-5	11.5	75
171	The lateral organization of components of the membrane skeleton and superoxide generation in the plasma membrane of stimulated human neutrophils. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1989</b> , 987, 83-94	3.8	74
170	Defects in ex vivo and in vivo growth and sensitivity to osmotic stress of group A Streptococcus caused by interruption of response regulator gene vicR. <i>Microbiology (United Kingdom)</i> , <b>2006</b> , 152, 967-978	3.9	73
169	Human neutrophil cytochrome b contains multiple hemes. Evidence for heme associated with both subunits.. <i>Journal of Biological Chemistry</i> , <b>1992</b> , 267, 7303-7309	5.4	73
168	Dissociation of Rac translocation from p47phox/p67phox movements in human neutrophils by tyrosine kinase inhibitors. <i>Journal of Leukocyte Biology</i> , <b>1995</b> , 58, 108-13	6.5	71
167	Lipid rafts keep NADPH oxidase in the inactive state in human renal proximal tubule cells. <i>Hypertension</i> , <b>2008</b> , 51, 481-7	8.5	68
166	Functional association of nox1 with p22phox in vascular smooth muscle cells. <i>Free Radical Biology and Medicine</i> , <b>2004</b> , 37, 1542-9	7.8	68
165	Subcellular distribution of the Rap1A protein in human neutrophils: colocalization and cotranslocation with cytochrome b559. <i>Blood</i> , <b>1992</b> , 79, 1563-1573	2.2	68
164	p21-activated kinase (Pak) regulates NADPH oxidase activation in human neutrophils. <i>Blood</i> , <b>2005</b> , 106, 3962-9	2.2	63
163	Selective recruitment of T-cell subsets to the udder during staphylococcal and streptococcal mastitis: analysis of lymphocyte subsets and adhesion molecule expression. <i>Infection and Immunity</i> , <b>1999</b> , 67, 6293-302	3.7	63
162	Decomposition of reactive oxygen species by copper(II) bis(1-pyrazolyl)methane complexes. <i>Journal of Biological Inorganic Chemistry</i> , <b>2006</b> , 11, 499-513	3.7	61
161	Polysaccharides isolated from Aβ fruit induce innate immune responses. <i>PLoS ONE</i> , <b>2011</b> , 6, e17301	3.7	59
160	High-throughput screening for small-molecule activators of neutrophils: identification of novel N-formyl peptide receptor agonists. <i>Molecular Pharmacology</i> , <b>2007</b> , 71, 1061-74	4.3	58
159	Immunomodulatory activity of oenothien B isolated from <i>Epilobium angustifolium</i> . <i>Journal of Immunology</i> , <b>2009</b> , 183, 6754-66	5.3	56
158	Regulation of proliferation of skeletal muscle precursor cells by NADPH oxidase. <i>Antioxidants and Redox Signaling</i> , <b>2008</b> , 10, 559-74	8.4	55
157	Immunomodulatory activity of polysaccharides isolated from <i>Alchornea cordifolia</i> . <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 146, 232-42	5	54
156	Identification and characterization of a novel class of c-Jun N-terminal kinase inhibitors. <i>Molecular Pharmacology</i> , <b>2012</b> , 81, 832-45	4.3	52

155	A dual role of the GTPase Rac in cardiac differentiation of stem cells. <i>Molecular Biology of the Cell</i> , <b>2003</b> , 14, 2781-92	3.5	52
154	A NET Outcome. <i>Frontiers in Immunology</i> , <b>2012</b> , 3, 365	8.4	50
153	Inhibition of the human neutrophil NADPH oxidase by <i>Coxiella burnetii</i> . <i>Microbes and Infection</i> , <b>2009</b> , 11, 671-9	9.3	49
152	Neutrophil isolation from nonhuman species. <i>Methods in Molecular Biology</i> , <b>2007</b> , 412, 21-34	1.4	49
151	Inhibition of actin polymerization by peroxyxynitrite modulates neutrophil functional responses. <i>Journal of Leukocyte Biology</i> , <b>2003</b> , 73, 344-55	6.5	46
150	Low-molecular-weight GTP-binding proteins and leukocyte signal transduction. <i>Journal of Leukocyte Biology</i> , <b>1995</b> , 58, 263-76	6.5	46
149	Role of NADPH oxidase in formation and function of multinucleated giant cells. <i>Journal of Innate Immunity</i> , <b>2009</b> , 1, 509-26	6.9	45
148	Antibody imprint of a membrane protein surface. Phagocyte flavocytochrome b. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 24847-52	5.4	45
147	Identification of novel small-molecule agonists for human formyl peptide receptors and pharmacophore models of their recognition. <i>Molecular Pharmacology</i> , <b>2010</b> , 77, 159-70	4.3	44
146	N-benzoylpyrazoles are novel small-molecule inhibitors of human neutrophil elastase. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 4928-38	8.3	44
145	Novel small-molecule inhibitors of anthrax lethal factor identified by high-throughput screening. <i>Journal of Medicinal Chemistry</i> , <b>2006</b> , 49, 5232-44	8.3	44
144	Oxidative stress in the infarcted heart: role of de novo angiotensin II production. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 325, 943-51	3.4	43
143	Bidirectional interactions between NOX2-type NADPH oxidase and the F-actin cytoskeleton in neuronal growth cones. <i>Journal of Neurochemistry</i> , <b>2014</b> , 130, 526-40	6	42
142	Cloning and sequencing of the bovine flavocytochrome b subunit proteins, gp91-phox and p22-phox: comparison with other known flavocytochrome b sequences. <i>Journal of Leukocyte Biology</i> , <b>1998</b> , 64, 114-23	6.5	42
141	A Novel Gastric Spheroid Co-culture Model Reveals Chemokine-Dependent Recruitment of Human Dendritic Cells to the Gastric Epithelium. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2019</b> , 8, 157-171.e3	7.9	41
140	Sublytic concentrations of <i>Staphylococcus aureus</i> Panton-Valentine leukocidin alter human PMN gene expression and enhance bactericidal capacity. <i>Journal of Leukocyte Biology</i> , <b>2012</b> , 92, 361-74	6.5	41
139	Optimization of N-benzoylindazole derivatives as inhibitors of human neutrophil elastase. <i>Journal of Medicinal Chemistry</i> , <b>2013</b> , 56, 6259-72	8.3	40
138	6-methyl-2,4-disubstituted pyridazin-3(2H)-ones: a novel class of small-molecule agonists for formyl peptide receptors. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 5044-57	8.3	40

137	Therapeutic Potential of Polyphenols from <i>Epilobium Angustifolium</i> (Fireweed). <i>Phytotherapy Research</i> , <b>2016</b> , 30, 1287-97	6.7	40
136	Priming of human neutrophils by peroxydinitrite: potential role in enhancement of the local inflammatory response. <i>Journal of Leukocyte Biology</i> , <b>1999</b> , 65, 59-70	6.5	39
135	Addition of the antioxidant probucol to angiotensin II type I receptor antagonist arrests progressive mesangioproliferative glomerulonephritis in the rat. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2006</b> , 17, 783-94	12.7	38
134	Synthesis, characterization and potent superoxide dismutase-like activity of novel bis(pyrazole)-2,2Sbipyridyl mixed ligand copper(II) complexes. <i>Dalton Transactions</i> , <b>2009</b> , 4488-98	4.3	37
133	U-101033E (2,4-diaminopyrrolopyrimidine), a potent inhibitor of membrane lipid peroxidation as assessed by the production of 4-hydroxynonenal, malondialdehyde, and 4-hydroxynonenal-protein adducts. <i>Biochemical Pharmacology</i> , <b>1998</b> , 56, 1371-9	6	37
132	Anti-Inflammatory Effects and Joint Protection in Collagen-Induced Arthritis after Treatment with IQ-1S, a Selective c-Jun N-Terminal Kinase Inhibitor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2015</b> , 353, 505-16	4.7	36
131	The role of neutrophils in the immune system: an overview. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1124, 3-10	1.4	36
130	A novel dual NO-donating oxime and c-Jun N-terminal kinase inhibitor protects against cerebral ischemia-reperfusion injury in mice. <i>Neuroscience Letters</i> , <b>2016</b> , 618, 45-49	3.3	35
129	Unique role of NADPH oxidase 5 in oxidative stress in human renal proximal tubule cells. <i>Redox Biology</i> , <b>2014</b> , 2, 570-9	11.3	34
128	Effects of the antioxidant drug tempol on renal oxygenation in mice with reduced renal mass. <i>American Journal of Physiology - Renal Physiology</i> , <b>2012</b> , 303, F64-74	4.3	34
127	Development of small molecule non-peptide formyl peptide receptor (FPR) ligands and molecular modeling of their recognition. <i>Current Medicinal Chemistry</i> , <b>2014</b> , 21, 1478-504	4.3	34
126	Group A <i>Streptococcus</i> secreted esterase hydrolyzes platelet-activating factor to impede neutrophil recruitment and facilitate innate immune evasion. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002624	7.6	33
125	D1-like receptors regulate NADPH oxidase activity and subunit expression in lipid raft microdomains of renal proximal tubule cells. <i>Hypertension</i> , <b>2009</b> , 53, 1054-61	8.5	31
124	Physicochemical Characterization and Antioxidant Activity of Humic Acids Isolated from Peat of Various Origins. <i>Molecules</i> , <b>2018</b> , 23,	4.8	30
123	Platelet-activating factor induces a concentration-dependent spectrum of functional responses in bovine neutrophils. <i>Journal of Leukocyte Biology</i> , <b>1998</b> , 64, 817-27	6.5	30
122	Redox signaling of NF-kappaB by membrane NAD(P)H oxidases in normal and malignant cells. <i>Protoplasma</i> , <b>2003</b> , 221, 117-27	3.4	29
121	A patenting perspective on human neutrophil elastase (HNE) inhibitors (2014-2018) and their therapeutic applications. <i>Expert Opinion on Therapeutic Patents</i> , <b>2019</b> , 29, 555-578	6.8	28
120	Effect of fibrin sealant composition on human neutrophil chemotaxis. <i>Journal of Biomedical Materials Research Part B</i> , <b>2002</b> , 61, 474-81		28

119	Further studies on 2-arylacetamide pyridazin-3(2H)-ones: design, synthesis and evaluation of 4,6-disubstituted analogs as formyl peptide receptors (FPRs) agonists. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 64, 512-28	6.8	27
118	Oenothain B, a cyclic dimeric ellagitannin isolated from <i>Epilobium angustifolium</i> , enhances IFN $\gamma$ production by lymphocytes. <i>PLoS ONE</i> , <b>2012</b> , 7, e50546	3.7	27
117	Immunomodulatory activity of polysaccharides isolated from <i>Clerodendrum splendens</i> : beneficial effects in experimental autoimmune encephalomyelitis. <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 149	4.7	26
116	Characterization of HDJ-2, a human 40 kD heat shock protein. <i>International Journal of Biochemistry and Cell Biology</i> , <b>1998</b> , 30, 1203-21	5.6	26
115	Remodeling of the plasma membrane after stimulation of neutrophils with f-Met-Leu-Phe and dihydrocytochalasin B: identification of membrane subdomains containing NADPH oxidase activity. <i>Journal of Leukocyte Biology</i> , <b>1994</b> , 55, 685-94	6.5	26
114	Neutrophil Immunomodulatory Activity of Natural Organosulfur Compounds. <i>Molecules</i> , <b>2019</b> , 24,	4.8	25
113	Novel ureidopropanamide based N-formyl peptide receptor 2 (FPR2) agonists with potential application for central nervous system disorders characterized by neuroinflammation. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 141, 703-720	6.8	25
112	Neutrophil isolation from nonhuman species. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1124, 19-37	1.4	25
111	Chemical composition and phagocyte immunomodulatory activity of essential oils. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 101, 1361-1371	6.5	24
110	The natural sesquiterpene lactones arglabin, grosheimin, agracin, parthenolide, and estafiatin inhibit T cell receptor (TCR) activation. <i>Phytochemistry</i> , <b>2018</b> , 146, 36-46	4	24
109	Cinnoline derivatives as human neutrophil elastase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 628-39	5.6	24
108	Chemical Composition and Antibacterial Activity of Essential Oils from <i>L. Species</i> against Methicillin-Resistant. <i>Molecules</i> , <b>2018</b> , 23,	4.8	24
107	3-(1H-indol-3-yl)-2-[3-(4-nitrophenyl)ureido]propanamide enantiomers with human formyl-peptide receptor agonist activity: molecular modeling of chiral recognition by FPR2. <i>Biochemical Pharmacology</i> , <b>2013</b> , 85, 404-16	6	24
106	Identification of novel formyl peptide receptor-like 1 agonists that induce macrophage tumor necrosis factor alpha production. <i>Molecular Pharmacology</i> , <b>2008</b> , 74, 392-402	4.3	24
105	Superoxide production in the vasculature of lipopolysaccharide-treated rats and pigs. <i>Shock</i> , <b>2003</b> , 19, 486-93	3.4	24
104	Modulation of Human Neutrophil Responses by the Essential Oils from <i>Ferula akitschkensis</i> and Their Constituents. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 7156-70	5.7	24
103	Synthesis, biological evaluation, and molecular modeling of 11H-indeno[1,2-b]quinoxalin-11-one derivatives and tryptanthrin-6-oxime as c-Jun N-terminal kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 161, 179-191	6.8	24
102	Localization of NADPH oxidase in sympathetic and sensory ganglion neurons and perivascular nerve fibers. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2009</b> , 151, 90-7	2.4	23



101	Gastrin-releasing peptide/neuromedin B receptor antagonists PD176252, PD168368, and related analogs are potent agonists of human formyl-peptide receptors. <i>Molecular Pharmacology</i> , <b>2011</b> , 79, 77-90	4.3	23
100	Inhibition of peroxy-nitrite-mediated tyrosine nitration by a novel pyrrolopyrimidine antioxidant. <i>European Journal of Pharmacology</i> , <b>1998</b> , 353, 329-36	5.3	23
99	Design, synthesis and evaluation of N-benzoylindazole derivatives and analogues as inhibitors of human neutrophil elastase. <i>Bioorganic and Medicinal Chemistry</i> , <b>2011</b> , 19, 4460-72	3.4	22
98	Polysaccharides derived from Yamoia ( <i>Funtumia elastica</i> ) prime gamma delta T cells in vitro and enhance innate immune responses in vivo. <i>International Immunopharmacology</i> , <b>2009</b> , 9, 1313-22	5.8	22
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96	Cell-surface lactoferrin as a marker for degranulation of specific granules in bovine neutrophils. <i>American Journal of Veterinary Research</i> , <b>2000</b> , 61, 29-37	1.1	22
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