

Thomas P Misko

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33 papers	4,331 citations	26 h-index	35 g-index
35 ext. papers	4,442 ext. citations	6.8 avg, IF	4.21 L-index

#	Paper	IF	Citations
33	Gene transfer and molecular cloning of the rat nerve growth factor receptor. <i>Nature</i> , 1987 , 325, 593-7	50.4	881
32	Selective inhibition of the inducible nitric oxide synthase by aminoguanidine. <i>European Journal of Pharmacology</i> , 1993 , 233, 119-25	5.3	585
31	A nonpeptidyl mimic of superoxide dismutase with therapeutic activity in rats. <i>Science</i> , 1999 , 286, 304-6	33.3	449
30	L-N6-(1-iminoethyl)lysine: a selective inhibitor of inducible nitric oxide synthase. <i>Journal of Medicinal Chemistry</i> , 1994 , 37, 3886-8	8.3	433
29	Characterization of the cytoprotective action of peroxynitrite decomposition catalysts. <i>Journal of Biological Chemistry</i> , 1998 , 273, 15646-53	5.4	201
28	Peroxynitrite formation within the central nervous system in active multiple sclerosis. <i>Journal of Neuroimmunology</i> , 1998 , 88, 45-56	3.5	185
27	Structure and developmental expression of the nerve growth factor receptor in the chicken central nervous system. <i>Neuron</i> , 1989 , 2, 1123-34	13.9	171
26	Multiplexed immunoassay panel identifies novel CSF biomarkers for Alzheimer's disease diagnosis and prognosis. <i>PLoS ONE</i> , 2011 , 6, e18850	3.7	168
25	Evidence for the production of peroxynitrite in inflammatory CNS demyelination. <i>Journal of Neuroimmunology</i> , 1997 , 80, 121-30	3.5	153
24	Experimental allergic encephalomyelitis in the rat is inhibited by aminoguanidine, an inhibitor of nitric oxide synthase. <i>Journal of Neuroimmunology</i> , 1996 , 64, 123-33	3.5	135
23	Protective effects of a superoxide dismutase mimetic and peroxynitrite decomposition catalysts in endotoxin-induced intestinal damage. <i>British Journal of Pharmacology</i> , 1999 , 127, 685-92	8.6	115
22	Beneficial effects of peroxynitrite decomposition catalyst in a rat model of splanchnic artery occlusion and reperfusion. <i>FASEB Journal</i> , 2000 , 14, 1061-72	0.9	97
21	2-Iminopiperidine and other 2-iminoazaheterocycles as potent inhibitors of human nitric oxide synthase isoforms. <i>Journal of Medicinal Chemistry</i> , 1996 , 39, 669-72	8.3	86
20	Inducible nitric oxide synthase gene expression and enzyme activity correlate with disease activity in murine experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 1996 , 71, 145-53	3.5	82
19	Nitric oxide mediates IL-1 beta-induced islet dysfunction and destruction: prevention by dexamethasone. <i>Autoimmunity</i> , 1993 , 15, 145-53	3	57
18	Immunoaffinity liquid chromatography-tandem mass spectrometry detection of nitrotyrosine in biological fluids: development of a clinically translatable biomarker. <i>Analytical Biochemistry</i> , 2008 , 380, 68-76	3.1	52
17	Optical tomographic imaging discriminates between disease-modifying anti-rheumatic drug (DMARD) and non-DMARD efficacy in collagen antibody-induced arthritis. <i>Arthritis Research and Therapy</i> , 2010 , 12, R105	5.7	47

16	Inhibition of inducible nitric oxide synthase prevents myocardial and systemic vascular barrier dysfunction during early cardiac allograft rejection. <i>Circulation Research</i> , 1996 , 78, 769-79	15.7	47
15	Inhibition of inducible nitric oxide synthase ameliorates rat lung allograft rejection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1995 , 110, 1449-59; discussion 1460	1.5	44
14	Plasma 3-nitrotyrosine is a biomarker in animal models of arthritis: Pharmacological dissection of iNOS role in disease. <i>Nitric Oxide - Biology and Chemistry</i> , 2009 , 20, 150-6	5	37
13	A catalyst of peroxynitrite decomposition inhibits murine experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2000 , 107, 21-8	3.5	37
12	Inhibition of inducible nitric oxide synthase ameliorates functional and histological changes of acute lung allograft rejection. <i>Transplantation</i> , 1997 , 63, 1095-101	1.8	35
11	Corticosteroids inhibit expression of inducible nitric oxide synthase during acute cardiac allograft rejection. <i>Transplantation</i> , 1996 , 61, 324-8	1.8	33
10	Inhibition of inducible nitric oxide synthase attenuates established acute cardiac allograft rejection. <i>Annals of Thoracic Surgery</i> , 1996 , 62, 378-385	2.7	32
9	TNF-alpha causes reversible in vivo systemic vascular barrier dysfunction via NO-dependent and -independent mechanisms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1997 , 273, H2565-74	5.2	30
8	2-Iminohomopiperidinium salts as selective inhibitors of inducible nitric oxide synthase (iNOS). <i>Journal of Medicinal Chemistry</i> , 1998 , 41, 1361-6	8.3	28
7	Murine encephalitogenic lymphoid cells induce nitric oxide synthase in primary astrocytes. <i>Journal of Neuroimmunology</i> , 1996 , 64, 201-8	3.5	26
6	Potentialiation of nitric oxide-mediated vascular relaxation by SC52608, a superoxide dismutase mimic. <i>Experimental Biology and Medicine</i> , 1995 , 208, 170-7	3.7	20
5	Manganese potentiation of nitric oxide-mediated vascular relaxation. <i>European Journal of Pharmacology</i> , 1994 , 253, 35-43	5.3	20
4	Protein geranylgeranylation controls collagenase expression in osteoarthritic cartilage. <i>Osteoarthritis and Cartilage</i> , 2010 , 18, 948-55	6.2	17
3	Induction of nitric oxide synthase regulates atrial natriuretic peptide receptors in vascular smooth muscle cells. <i>European Journal of Pharmacology</i> , 1993 , 244, 153-9		13
2	Time course and cellular localization of inducible nitric oxide synthases expression during cardiac allograft rejection. <i>Annals of Thoracic Surgery</i> , 1999 , 67, 716-22	2.7	8
1	Biochemical, cellular, and anti-inflammatory properties of a potent, selective, orally bioavailable benzamide inhibitor of Rho kinase activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 333, 707-16	4.7	7