

# Ulrich Forstermann

## List of Publications by Year in descending order

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177  
papers

24,580  
citations

9775

73  
h-index

6990

154  
g-index

181  
all docs

181  
docs citations

181  
times ranked

24398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitric oxide synthases: regulation and function. European Heart Journal, 2012, 33, 829-837.	1.0	3,036
2	Endothelial Nitric Oxide Synthase in Vascular Disease. Circulation, 2006, 113, 1708-1714.	1.6	1,641
3	Roles of Vascular Oxidative Stress and Nitric Oxide in the Pathogenesis of Atherosclerosis. Circulation Research, 2017, 120, 713-735.	2.0	962
4	Mechanisms Underlying Endothelial Dysfunction in Diabetes Mellitus. Circulation Research, 2001, 88, E14-22.	2.0	941
5	Isoforms of nitric oxide synthase Characterization and purification from different cell types. Biochemical Pharmacology, 1991, 42, 1849-1857.	2.0	813
6	Resveratrol, a Polyphenolic Phytoalexin Present in Red Wine, Enhances Expression and Activity of Endothelial Nitric Oxide Synthase. Circulation, 2002, 106, 1652-1658.	1.6	605
7	Effects of Angiotensin II Infusion on the Expression and Function of NAD(P)H Oxidase and Components of Nitric Oxide/cGMP Signaling. Circulation Research, 2002, 90, E58-65.	2.0	592
8	Nitric oxide and oxidative stress in vascular disease. Pflugers Archiv European Journal of Physiology, 2010, 459, 923-939.	1.3	592
9	Expressional control of the "constitutive" isoforms of nitric oxide synthase (NOS I and NOS III). FASEB Journal, 1998, 12, 773-790.	0.2	558
10	Nitric oxide in the pathogenesis of vascular disease. Journal of Pathology, 2000, 190, 244-254.	2.1	531
11	Vascular oxidative stress, nitric oxide and atherosclerosis. Atherosclerosis, 2014, 237, 208-219.	0.4	519
12	Cloned human brain nitric oxide synthase is highly expressed in skeletal muscle. FEBS Letters, 1993, 316, 175-180.	1.3	483
13	A correlation between soluble brain nitric oxide synthase and NADPH-diaphorase activity is only seen after exposure of the tissue to fixative. Neuroscience Letters, 1993, 155, 61-64.	1.0	474
14	Oxidative stress in vascular disease: causes, defense mechanisms and potential therapies. Nature Clinical Practice Cardiovascular Medicine, 2008, 5, 338-349.	3.3	471
15	Antioxidant effects of resveratrol in the cardiovascular system. British Journal of Pharmacology, 2017, 174, 1633-1646.	2.7	397
16	Isoforms of nitric oxide synthase. Biochemical Pharmacology, 1995, 50, 1321-1332.	2.0	353
17	Regulation of the Expression of Inducible Nitric Oxide Synthase. Biological Chemistry, 2003, 384, 1343-64.	1.2	341
18	Phosphorylation by calcium calmodulin-dependent protein kinase II and protein kinase C modulates the activity of nitric oxide synthase. Biochemical and Biophysical Research Communications, 1991, 180, 1396-1402.	1.0	267

#	ARTICLE	IF	CITATIONS
19	Oxidative stress in vascular disease and its pharmacological prevention. Trends in Pharmacological Sciences, 2013, 34, 313-319.	4.0	261
20	Cardiovascular effects and molecular targets of resveratrol. Nitric Oxide - Biology and Chemistry, 2012, 26, 102-110.	1.2	250
21	Therapeutic effect of enhancing endothelial nitric oxide synthase (eNOS) expression and preventing eNOS uncoupling. British Journal of Pharmacology, 2011, 164, 213-223.	2.7	245
22	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). Redox Biology, 2017, 13, 94-162.	3.9	242
23	Regional distribution of EDRF/NO-synthesizing enzyme(s) in rat brain. Biochemical and Biophysical Research Communications, 1990, 168, 727-732.	1.0	240
24	Uncoupling of endothelial NO synthase in atherosclerosis and vascular disease. Current Opinion in Pharmacology, 2013, 13, 161-167.	1.7	232
25	Nitric Oxide Increases the Decay of Matrix Metalloproteinase 9 mRNA by Inhibiting the Expression of mRNA-Stabilizing Factor HuR. Molecular and Cellular Biology, 2003, 23, 4901-4916.	1.1	229
26	Paraoxonase-2 Reduces Oxidative Stress in Vascular Cells and Decreases Endoplasmic Reticulum Stress-Induced Caspase Activation. Circulation, 2007, 115, 2055-2064.	1.6	224
27	Upregulation of neuronal nitric oxide synthase and mRNA, and selective sparing of nitric oxide synthase-containing neurons after local cerebral ischemia in rat. Brain Research, 1994, 654, 85-95.	1.1	201
28	Inhibitors of Histone Deacetylation Downregulate the Expression of Endothelial Nitric Oxide Synthase and Compromise Endothelial Cell Function in Vasorelaxation and Angiogenesis. Circulation Research, 2002, 91, 837-844.	2.0	200
29	Physiological mechanisms regulating the expression of endothelial-type NO synthase. Nitric Oxide - Biology and Chemistry, 2002, 7, 132-147.	1.2	199
30	Regulation of endothelial-type NO synthase expression in pathophysiology and in response to drugs. Nitric Oxide - Biology and Chemistry, 2002, 7, 149-164.	1.2	193
31	Nebivolol Inhibits Superoxide Formation by NADPH Oxidase and Endothelial Dysfunction in Angiotensin II-Treated Rats. Hypertension, 2006, 48, 677-684.	1.3	181
32	Red wine increases the expression of human endothelial nitric oxide synthase. Journal of the American College of Cardiology, 2003, 41, 471-478.	1.2	179
33	Deficiency of Glutathione Peroxidase-1 Accelerates the Progression of Atherosclerosis in Apolipoprotein E-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 850-857.	1.1	169
34	A blend of polyphenolic compounds explains the stimulatory effect of red wine on human endothelial NO synthase. Nitric Oxide - Biology and Chemistry, 2005, 12, 97-104.	1.2	164
35	Reversal of Endothelial Nitric Oxide Synthase Uncoupling and Up-Regulation of Endothelial Nitric Oxide Synthase Expression Lowers Blood Pressure in Hypertensive Rats. Journal of the American College of Cardiology, 2006, 47, 2536-2544.	1.2	163
36	Endothelium-derived relaxing factor from cultured human endothelial cells inhibits aggregation of human platelets. Thrombosis Research, 1987, 47, 561-571.	0.8	161

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37	Complex Contribution of the 3'â€²-Untranslated Region to the Expressional Regulation of the Human Inducible Nitric-oxide Synthase Gene. <i>Journal of Biological Chemistry</i> , 2000, 275, 26040-26049.	1.6	160
38	Uncoupling of Endothelial Nitric Oxide Synthase in Perivascular Adipose Tissue of Diet-Induced Obese Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 78-85.	1.1	158
39	Resveratrol Reverses Endothelial Nitric-Oxide Synthase Uncoupling in Apolipoprotein E Knockout Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 335, 149-154.	1.3	154
40	Differential distribution of nitric oxide synthase in neural pathways to the urogenital organs (urethra, penis, urinary bladder) of the rat. <i>Brain Research</i> , 1994, 646, 279-291.	1.1	152
41	Activation of Protein Kinase C $\alpha$ and/or $\beta$ Enhances Transcription of the Human Endothelial Nitric Oxide Synthase Gene. <i>Molecular Pharmacology</i> , 1998, 53, 630-637.	1.0	145
42	Dual Effect of Ceramide on Human Endothelial Cells. <i>Circulation</i> , 2002, 106, 2250-2256.	1.6	143
43	Identification of the NO Synthase isoforms Expressed in Human Neutrophil Granulocytes, Megakaryocytes and Platelets. <i>Thrombosis and Haemostasis</i> , 1997, 77, 163-167.	1.8	139
44	Human Cationic Amino Acid Transporters hCAT-1, hCAT-2A, and hCAT-2B: Three Related Carriers with Distinct Transport Properties. <i>Biochemistry</i> , 1997, 36, 6462-6468.	1.2	137
45	One Enzyme, Two Functions. <i>Journal of Biological Chemistry</i> , 2010, 285, 24398-24403.	1.6	136
46	Janus-faced role of endothelial NO synthase in vascular disease: uncoupling of oxygen reduction from NO synthesis and its pharmacological reversal. <i>Biological Chemistry</i> , 2006, 387, 1521-33.	1.2	134
47	Inducible NO synthase II and neuronal NO synthase I are constitutively expressed in different structures of guinea pig skeletal muscle: implications for contractile function. <i>FASEB Journal</i> , 1996, 10, 1614-1620.	0.2	133
48	Prevention of Atherosclerosis by Interference with the Vascular Nitric Oxide System. <i>Current Pharmaceutical Design</i> , 2009, 15, 3133-3145.	0.9	133
49	Cytokine induction of NO synthase II in human DLD-1 cells: roles of the JAK-STAT, AP-1 and NF- $\kappa$ B-signaling pathways. <i>British Journal of Pharmacology</i> , 1998, 125, 193-201.	2.7	128
50	Role of SIRT1 and FOXO factors in eNOS transcriptional activation by resveratrol. <i>Nitric Oxide - Biology and Chemistry</i> , 2013, 32, 29-35.	1.2	125
51	Resveratrol and Endothelial Nitric Oxide. <i>Molecules</i> , 2014, 19, 16102-16121.	1.7	119
52	Mechanisms underlying recoupling of eNOS by HMG-CoA reductase inhibition in a rat model of streptozotocin-induced diabetes mellitus. <i>Atherosclerosis</i> , 2008, 198, 65-76.	0.4	118
53	In Murine 3T3 Fibroblasts, Different Second Messenger Pathways Resulting in the Induction of NO Synthase II (iNOS) Converge in the Activation of Transcription Factor NF- $\kappa$ B. <i>Journal of Biological Chemistry</i> , 1996, 271, 6039-6044.	1.6	113
54	Stimulation of endothelial nitric oxide synthase by proinsulin C-peptide. <i>Nitric Oxide - Biology and Chemistry</i> , 2003, 9, 95-102.	1.2	110

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55	Species-dependent differences in the nature of endothelium-derived vascular relaxing factor. <i>European Journal of Pharmacology</i> , 1984, 106, 639-643.	1.7	107
56	Green Tea Inhibits Human Inducible Nitric-Oxide Synthase Expression by Down-Regulating Signal Transducer and Activator of Transcription-1 $\pm$ Activation. <i>Molecular Pharmacology</i> , 2004, 65, 111-120.	1.0	105
57	Characterization of nitric oxide synthases in nonadrenergic noncholinergic nerve containing tissue from the rat anococcygeus muscle. <i>British Journal of Pharmacology</i> , 1991, 104, 289-291.	2.7	99
58	Flavonoids from Artichoke ( <i>Cynara scolymus</i> L.) Up-Regulate Endothelial-Type Nitric-Oxide Synthase Gene Expression in Human Endothelial Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 926-932.	1.3	95
59	Potential anticonvulsive properties of endogenous prostaglandins formed in mouse brain. <i>Brain Research</i> , 1982, 240, 303-310.	1.1	92
60	Histamine Upregulates Gene Expression of Endothelial Nitric Oxide Synthase in Human Vascular Endothelial Cells. <i>Circulation</i> , 2003, 107, 2348-2354.	1.6	92
61	Tristetraprolin Regulates the Expression of the Human Inducible Nitric-Oxide Synthase Gene. <i>Molecular Pharmacology</i> , 2005, 67, 2148-2161.	1.0	90
62	Developmental changes of cytosolic and particulate nitric oxide synthase in rat brain. <i>Developmental Brain Research</i> , 1993, 73, 199-203.	2.1	88
63	Anti-Inflammatory Actions of St. John's Wort: Inhibition of Human Inducible Nitric-Oxide Synthase Expression by Down-Regulating Signal Transducer and Activator of Transcription-1 $\pm$ (STAT-1 $\pm$ ) Activation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 307, 254-261.	1.3	88
64	Endothelial nitric oxide synthase is myristylated. <i>FEBS Letters</i> , 1992, 309, 402-404.	1.3	86
65	Heme Oxygenase-1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1729-1735.	1.1	84
66	Expression and Expressional Control of Nitric Oxide Synthases in Various Cell Types. <i>Advances in Pharmacology</i> , 1995, 34, 171-186.	1.2	83
67	Protein kinase C $\hat{A}$ promotes angiogenic activity of human endothelial cells via induction of vascular endothelial growth factor. <i>Cardiovascular Research</i> , 2008, 78, 349-355.	1.8	83
68	Neuronal-Type NO Synthase: Transcript Diversity and Expressional Regulation. <i>Nitric Oxide - Biology and Chemistry</i> , 1998, 2, 337-349.	1.2	82
69	Differential roles of PKC $\hat{A}$ and PKC $\hat{E}$ in controlling the gene expression of Nox4 in human endothelial cells. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1656-1667.	1.3	81
70	Antiatherosclerotic Effects of Small-Molecular-Weight Compounds Enhancing Endothelial Nitric-Oxide Synthase (eNOS) Expression and Preventing eNOS Uncoupling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 370-379.	1.3	81
71	Ciclosporin A inhibits endothelium-dependent vasodilatation and vascular prostacyclin production. <i>European Journal of Pharmacology</i> , 1989, 165, 165-169.	1.7	79
72	Increased expression of constitutive nitric oxide synthase III, but not inducible nitric oxide synthase II, in human heart failure 11During publication process the following related paper has been published by Vejlstrop NG, Bouloumie A, Boesgaard S, Andersen CB, Nielsen-Kudsk JE, Mortensen SA, Kent JD, Harrison DG, Busse R, Alershvile J. Inducible nitric oxide synthase (iNOS) in the human heart: Expression and localization in congestive heart failure. <i>J Mol Cell Cardiol</i> 1998;30:1215-23.. <i>Journal of the American College of Cardiology</i> , 1998, 32, 1179-1186.	1.2	78

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73	Induced RAW 264.7 macrophages express soluble and particulate nitric oxide synthase: inhibition by transforming growth factor- $\beta$ . European Journal of Pharmacology, 1992, 225, 161-165.	2.7	76
74	The role of endothelial and non-endothelial prostaglandins in the relaxation of isolated blood vessels of the rabbit induced by acetylcholine and bradykinin. British Journal of Pharmacology, 1986, 87, 521-532.	2.7	74
75	Endothelial NO synthase as a source of NO and superoxide. European Journal of Clinical Pharmacology, 2006, 62, 5-12.	0.8	71
76	The endothelium-dependent vasodilator effect of acetylcholine: Characterization of the endothelial relaxing factor with inhibitors of arachidonic acid metabolism. European Journal of Pharmacology, 1984, 103, 65-70.	1.7	69
77	Ursolic acid from the Chinese herb Danshen ( <i>Salvia miltiorrhiza</i> L.) upregulates eNOS and downregulates Nox4 expression in human endothelial cells. Atherosclerosis, 2007, 195, e104-e111.	0.4	67
78	Reciprocal Regulation of Endothelial Nitric-Oxide Synthase and NADPH Oxidase by Betulinic Acid in Human Endothelial Cells. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 836-842.	1.3	67
79	Characterization of nitric oxide synthase isoforms expressed in different structures of the guinea pig cochlea. Brain Research, 1997, 747, 26-33.	1.1	66
80	Dexamethasone lacks effect on blood pressure in mice with a disrupted endothelial NO synthase gene. Nitric Oxide - Biology and Chemistry, 2004, 10, 36-41.	1.2	66
81	Pentaerythritol Tetranitrate Improves Angiotensin II-Induced Vascular Dysfunction via Induction of Heme Oxygenase-1. Hypertension, 2010, 55, 897-904.	1.3	66
82	Transcriptional regulation of Nox4 by histone deacetylases in human endothelial cells. Basic Research in Cardiology, 2012, 107, 283.	2.5	61
83	Nitric Oxide Synthase in Bovine Superior Cervical Ganglion. Journal of Neurochemistry, 1993, 61, 1120-1126.	2.1	59
84	Inducible nitric oxide synthase in skeletal muscle of patients with chronic heart failure. Journal of the American College of Cardiology, 1998, 32, 964-969.	1.2	57
85	The transport activity of the human cationic amino acid transporter hCAT-1 is downregulated by activation of protein kinase C. British Journal of Pharmacology, 2001, 132, 1193-1200.	2.7	56
86	Pharmacological Prevention of eNOS Uncoupling. Current Pharmaceutical Design, 2014, 20, 3595-3606.	0.9	56
87	Cyclooxygenase 2-Selective and Nonselective Nonsteroidal Anti-Inflammatory Drugs Induce Oxidative Stress by Up-Regulating Vascular NADPH Oxidases. Journal of Pharmacology and Experimental Therapeutics, 2008, 326, 745-753.	1.3	55
88	Paraoxonase 2 is down-regulated by the <i>Pseudomonas aeruginosa</i> quorum-sensing signal <i>N</i> -(3-oxododecanoyl)-homoserine lactone and attenuates oxidative stress induced by pyocyanin. Biochemical Journal, 2010, 426, 73-83.	1.7	54
89	Resveratrol post-transcriptionally regulates pro-inflammatory gene expression via regulation of KSRP RNA binding activity. Nucleic Acids Research, 2014, 42, 12555-12569.	6.5	54
90	Effects of intracerebroventricular administration of prostaglandin D2 on behaviour, blood pressure and body temperature as compared to prostaglandins E2 and F2?. Psychopharmacology, 1983, 80, 365-370.	1.5	53

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91	Inhibition of small G proteins of the Rho family by statins or Clostridium difficile toxin B enhances cytokine-mediated induction of NO synthase II. British Journal of Pharmacology, 2000, 131, 553-561.	2.7	52
92	Human endothelial cells inhibit platelet aggregation by separately stimulating platelet cyclic AMP and cyclic GMP. European Journal of Pharmacology, 1989, 164, 103-110.	1.7	51
93	Protective effect of paraoxonase-2 against endoplasmic reticulum stress-induced apoptosis is lost upon disturbance of calcium homeostasis. Biochemical Journal, 2008, 416, 395-405.	1.7	51
94	Betulinic acid protects against cerebral ischemia-reperfusion injury in mice by reducing oxidative and nitrosative stress. Nitric Oxide - Biology and Chemistry, 2011, 24, 132-138.	1.2	51
95	Mechanisms of action of lipoxygenase and cytochrome P-450 monooxygenase inhibitors in blocking endothelium-dependent vasodilatation. British Journal of Pharmacology, 1988, 93, 569-578.	2.7	50
96	Differential Distribution of Bradykinin B <sub>2</sub> Receptors in the Rat and Human Cardiovascular System. Hypertension, 2001, 37, 110-120.	1.3	49
97	Nitric oxide synthases in the cardiovascular system. Trends in Cardiovascular Medicine, 1993, 3, 104-110.	2.3	48
98	Endothelium-dependent relaxation of human epicardial coronary arteries: frequent lack of effect of acetylcholine. European Journal of Pharmacology, 1986, 128, 277-281.	1.7	47
99	Nitric oxide synthase isozymes antibodies. The Histochemical Journal, 1995, 27, 738-744.	0.6	47
100	Post-Transcriptional Regulation of Human Inducible Nitric-Oxide Synthase Expression by the Jun N-terminal Kinase. Molecular Pharmacology, 2007, 71, 1427-1434.	1.0	47
101	Structure-Activity Relationship of Staurosporine Analogs in Regulating Expression of Endothelial Nitric-Oxide Synthase Gene. Molecular Pharmacology, 2000, 57, 427-435.	1.0	46
102	Endothelial cells have a particulate enzyme system responsible for EDRF formation: Measurement by vascular relaxation. Biochemical and Biophysical Research Communications, 1991, 176, 1417-1423.	1.0	45
103	Sporogen, S14-95, and S-Curvarin, Three Inhibitors of Human Inducible Nitric-Oxide Synthase Expression Isolated from Fungi. Molecular Pharmacology, 2003, 63, 383-391.	1.0	45
104	Simultaneous Assessment of Endothelial Function, Nitric Oxide Synthase Activity, Nitric Oxide-Mediated Signaling, and Oxidative Stress in Individuals with and without Hypercholesterolemia. Clinical Chemistry, 2008, 54, 292-300.	1.5	45
105	Retinoic Acid Inhibits Nitric Oxide Synthase-2 Expression through the Retinoic Acid Receptor-1. Biochemical and Biophysical Research Communications, 2000, 270, 846-851.	1.0	43
106	Maternal Treatment of Spontaneously Hypertensive Rats With Pentaerythritol Tetranitrate Reduces Blood Pressure in Female Offspring. Hypertension, 2015, 65, 232-237.	1.3	42
107	Selective inhibition by gossypol of endothelium-dependent relaxations augments relaxations to glyceryl trinitrate in rabbit coeliac artery. British Journal of Pharmacology, 1987, 92, 237-240.	2.7	41
108	Pharmacology of NO:cGMP signal transduction. Naunyn-Schmiedeberg's Archives of Pharmacology, 1998, 358, 111-112.	1.4	41



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109	Rho protein-mediated changes in the structure of the actin cytoskeleton regulate human inducible NO synthase gene expression. This article contains data from the theses of A.W. and Y.Y.. Experimental Cell Research, 2003, 287, 106-115.	1.2	41
110	Cyclic AMP-Mediated Upregulation of the Expression of Neuronal NO Synthase in Human A673 Neuroepithelioma Cells Results in a Decrease in the Level of Bioactive NO Production: A Analysis of the Signaling Mechanisms that Are Involved. Biochemistry, 2004, 43, 7197-7206.	1.2	41
111	Transcription of human neuronal nitric oxide synthase mRNAs derived from different first exons is partly controlled by exon 1-specific promoter sequences. Genomics, 2006, 87, 463-473.	1.3	41
112	Restoration of perivascular adipose tissue function in diet-induced obese mice without changing bodyweight. British Journal of Pharmacology, 2017, 174, 3443-3453.	2.7	41
113	Red Wine and Cardiovascular Health. Circulation Research, 2012, 111, 959-961.	2.0	40
114	NO synthase II in mouse skeletal muscle is associated with caveolin 3. Biochemical Journal, 1999, 340, 723-728.	1.7	39
115	Production of an EDRF-like activity in the cytosol of N1E-115 neuroblastoma cells. FASEB Journal, 1990, 4, 1494-1500.	0.2	38
116	Expressional Down-Regulation of Neuronal-Type Nitric Oxide Synthase I by Glucocorticoids in N1E-115 Neuroblastoma Cells. Molecular Pharmacology, 1998, 54, 258-263.	1.0	37
117	The Neuronal Nitric Oxide Synthase Is Upregulated in Mouse Skin Repair and in Response to Epidermal Growth Factor in Human HaCaT Keratinocytes. Journal of Investigative Dermatology, 2004, 123, 132-139.	0.3	37
118	Resveratrol: A Multifunctional Compound Improving Endothelial Function. Cardiovascular Drugs and Therapy, 2009, 23, 425-429.	1.3	37
119	Involvement of protein kinases in the induction of NO synthase II in human DLD-1 cells. British Journal of Pharmacology, 1998, 123, 1716-1722.	2.7	36
120	[26] Isoforms of nitric-oxide synthase: Purification and regulation. Methods in Enzymology, 1994, 233, 258-264.	0.4	34
121	Inhibitors of Inducible NO Synthase Expression: Total Synthesis of Curvularin and Its Ring Homologues. ChemMedChem, 2008, 3, 924-939.	1.6	33
122	Ontogeny of nitric oxide synthase in the lumbosacral spinal cord of the neonatal rat. Developmental Brain Research, 1994, 81, 201-217.	2.1	32
123	Downregulation of BDNF Expression by PKC and by TNF- $\alpha$ in Human Endothelial Cells. Pharmacology, 2015, 96, 1-10.	0.9	32
124	Effects of resveratrol on eNOS in the endothelium and the perivascular adipose tissue. Annals of the New York Academy of Sciences, 2017, 1403, 132-141.	1.8	32
125	Properties and Mechanisms of Production and Action of Endothelium-Derived Relaxing Factor. Journal of Cardiovascular Pharmacology, 1986, 8, S45-51.	0.8	31
126	Transcription of Different Exons 1 of the Human Neuronal Nitric Oxide Synthase Gene Is Dynamically Regulated in a Cell- and Stimulus- Specific Manner. Biological Chemistry, 2003, 384, 351-62.	1.2	29



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127	Artichoke, Cynarin and Cyanidin Downregulate the Expression of Inducible Nitric Oxide Synthase in Human Coronary Smooth Muscle Cells. <i>Molecules</i> , 2014, 19, 3654-3668.	1.7	28
128	Formation and elimination of prostacyclin metabolites in the cat in vivo as determined by radioimmunoassay of unextracted plasma. <i>European Journal of Pharmacology</i> , 1981, 74, 19-26.	1.7	27
129	Regional differences in endothelin converting enzyme activity in rat brain: inhibition by phosphoramidon and EDTA. <i>British Journal of Pharmacology</i> , 1992, 106, 948-952.	2.7	27
130	Resveratrol as a Gene Regulator in the Vasculature. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 401-408.	0.9	26
131	Effects of nitroglycerin or pentaerithrityl tetranitrate treatment on the gene expression in rat hearts: evidence for cardiotoxic and cardioprotective effects. <i>Physiological Genomics</i> , 2009, 38, 176-185.	1.0	25
132	Estrogen Receptor Signaling and the PI3K/Akt Pathway Are Involved in Betulinic Acid-Induced eNOS Activation. <i>Molecules</i> , 2016, 21, 973.	1.7	25
133	Hypoxia enhances prostaglandin synthesis in renal mesangial cell cultures. <i>Prostaglandins</i> , 1985, 30, 109-118.	1.2	23
134	Expressional downregulation of neuronal-type NO synthase I in guinea pig skeletal muscle in response to bacterial lipopolysaccharide. <i>FEBS Letters</i> , 1997, 410, 319-323.	1.3	23
135	Cognitive deficits in aged rats correlate with levels of l-arginine, not with nNOS expression or 3,4-DAP-evoked transmitter release in the frontoparietal cortex. <i>European Neuropsychopharmacology</i> , 2005, 15, 163-175.	0.3	23
136	Paraoxonases-2 and -3 Are Important Defense Enzymes against <i>Pseudomonas aeruginosa</i> Virulence Factors due to Their Anti-Oxidative and Anti-Inflammatory Properties. <i>Journal of Lipids</i> , 2012, 2012, 1-9.	1.9	23
137	Immuno-electron microscopic localization of the $\alpha_1$ and $\beta_1$ -subunits of soluble guanylyl cyclase in the guinea pig organ of Corti. <i>Brain Research</i> , 2000, 885, 6-13.	1.1	20
138	Regulation of the Expression of Nitric Oxide Synthase Isoforms. , 2000, , 105-128.		20
139	Coexpression of inducible NO synthase and soluble guanylyl cyclase in colonic enterocytes: a pathophysiologic signaling pathway for the initiation of diarrhea by gram-negative bacteria?. <i>FASEB Journal</i> , 1998, 12, 1643-1649.	0.2	19
140	Midostaurin upregulates eNOS gene expression and preserves eNOS function in the microcirculation of the mouse. <i>Nitric Oxide - Biology and Chemistry</i> , 2005, 12, 231-236.	1.2	19
141	Dexamethasone Upregulates Nox1 Expression in Vascular Smooth Muscle Cells. <i>Pharmacology</i> , 2014, 94, 13-20.	0.9	18
142	Particulate Endothelial Nitric Oxide Synthase: Requirement and Content of Tetrahydrobiopterin, FAD, and FMN. <i>Endothelium: Journal of Endothelial Cell Research</i> , 1993, 1, 147-152.	1.7	17
143	<i>Prunella vulgaris</i> L. Upregulates eNOS Expression in Human Endothelial Cells. <i>The American Journal of Chinese Medicine</i> , 2010, 38, 599-611.	1.5	16
144	Relative contribution of different l-arginine sources to the substrate supply of endothelial nitric oxide synthase. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 855-861.	0.9	16

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145	Gossypol attenuates selectively the blood pressure lowering effect of endothelium-dependent vasodilators in the rabbit in vivo. <i>European Journal of Pharmacology</i> , 1988, 145, 217-221.	1.7	15
146	Purification of isoforms of nitric oxide synthase. <i>Methods in Enzymology</i> , 1996, 268, 334-339.	0.4	15
147	Revisiting an Old Antimicrobial Drug: Amphotericin B Induces Interleukin-1 $\alpha$ Converting Enzyme as the Main Factor for Inducible Nitric-Oxide Synthase Expression in Activated Endothelia. <i>Molecular Pharmacology</i> , 2002, 62, 936-946.	1.0	14
148	Particulate and Soluble Bovine Endothelial Nitric Oxide Synthases Are Structurally Similar Proteins Yet Different from Soluble Brain Nitric Oxide Synthase. <i>Journal of Cardiovascular Pharmacology</i> , 1992, 20, S50-S53.	0.8	13
149	Amphotericin B severely affects expression and activity of the endothelial constitutive nitric oxide synthase involving altered mRNA stability. <i>British Journal of Pharmacology</i> , 2000, 131, 473-481.	2.7	13
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