Hartmut Kleinert

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8235428/publications.pdf

Version: 2024-02-01

90 papers	7,174 citations	57719 44 h-index	54882 84 g-index
95 all docs	95 docs citations	95 times ranked	8344 citing authors

#	Article	IF	Citations
1	Expressional control of the â€˜constitutiveâ€™ isoforms of nitric oxide synthase (NOS I and NOS III). FASEB Journal, 1998, 12, 773-790.	0.2	558
2	Regulation of the expression of inducible nitric oxide synthase. European Journal of Pharmacology, 2004, 500, 255-266.	1.7	517
3	Regulation of the expression of inducible nitric oxide synthase. Nitric Oxide - Biology and Chemistry, 2010, 23, 75-93.	1.2	441
4	Nitric oxide synthase: expression and expressional control of the three isoforms. Naunyn-Schmiedeberg's Archives of Pharmacology, 1995, 352, 351-64.	1.4	374
5	Isoforms of nitric oxide synthase. Biochemical Pharmacology, 1995, 50, 1321-1332.	2.0	353
6	Regulation of the Expression of Inducible Nitric Oxide Synthase. Biological Chemistry, 2003, 384, 1343-64.	1.2	341
7	Down-regulation of the expression of endothelial NO synthase is likely to contribute to glucocorticoid-mediated hypertension. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 13357-13362.	3.3	272
8	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
9	Estrogens Increase Transcription of the Human Endothelial NO Synthase Gene. Hypertension, 1998, 31, 582-588.	1.3	218
10	Involvement of KSRP in the post-transcriptional regulation of human iNOS expression-complex interplay of KSRP with TTP and HuR. Nucleic Acids Research, 2005, 33, 4813-4827.	6.5	176
11	Complex Contribution of the 3â€²-Untranslated Region to the Expressional Regulation of the Human Inducible Nitric-oxide Synthase Gene. Journal of Biological Chemistry, 2000, 275, 26040-26049.	1.6	160
12	Activation of Protein Kinase CÎ± and/or Îµ Enhances Transcription of the Human Endothelial Nitric Oxide Synthase Gene. Molecular Pharmacology, 1998, 53, 630-637.	1.0	145
13	Identification of the NO Synthase isoforms Expressed in Human Neutrophil Granulocytes, Megakaryocytes and Platelets. Thrombosis and Haemostasis, 1997, 77, 163-167.	1.8	139
14	Cytokine induction of NO synthase II in human DLD-1 cells: roles of the JAK-STAT, AP-1 and NF-Îº B-signaling pathways. British Journal of Pharmacology, 1998, 125, 193-201.	2.7	128
15	Role of SIRT1 and FOXO factors in eNOS transcriptional activation by resveratrol. Nitric Oxide - Biology and Chemistry, 2013, 32, 29-35.	1.2	125
16	Lovastatin inhibits Rhoâ€regulated expression of Eâ€selectin by TNFâ€Î± and attenuates tumor cell adhesion. FASEB Journal, 2004, 18, 140-142.	0.2	115
17	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-ÎºB. Journal of Biological Chemistry, 1996, 271, 6039-6044.	1.6	113
18	The Interleukin-22/STAT3 Pathway Potentiates Expression of Inducible Nitric-oxide Synthase in Human Colon Carcinoma Cells. Journal of Biological Chemistry, 2007, 282, 16006-16015.	1.6	106

#	Article	IF	Citations
19	Glyceraldehyde-3-Phosphate Dehydrogenase Regulates Endothelin-1 Expression by a Novel, Redox-Sensitive Mechanism Involving mRNA Stability. Molecular and Cellular Biology, 2008, 28, 7139-7155.	1.1	106
20	Green Tea Inhibits Human Inducible Nitric-Oxide Synthase Expression by Down-Regulating Signal Transducer and Activator of Transcription-1Î± Activation. Molecular Pharmacology, 2004, 65, 111-120.	1.0	105
21	Tristetraprolin Regulates the Expression of the Human Inducible Nitric-Oxide Synthase Gene. Molecular Pharmacology, 2005, 67, 2148-2161.	1.0	90
22	Interferon-Î³ Induces Chronic Active Myocarditis and Cardiomyopathy in Transgenic Mice. American Journal of Pathology, 2007, 171, 463-472.	1.9	89
23	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-1Î± (STAT-1Î±) Activation. Journal of Pharmacology and Experimental Therapeutics, 2003, 307, 254-261.	1.3	88
24	Vascular Dysfunction in Experimental Diabetes Is Improved by Pentaerithrityl Tetranitrate but Not Isosorbide-5-Mononitrate Therapy. Diabetes, 2011, 60, 2608-2616.	0.3	86
25	Expression and Expressional Control of Nitric Oxide Synthases in Various Cell Types. Advances in Pharmacology, 1995, 34, 171-186.	1.2	83
26	Potential Functional Significance of Brain-Type and Muscle-Type Nitric Oxide Synthase I Expressed in Adventitia and Media of Rat Aorta. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 2584-2590.	1.1	82
27	Antiatherosclerotic Effects of Small-Molecular-Weight Compounds Enhancing Endothelial Nitric-Oxide Synthase (eNOS) Expression and Preventing eNOS Uncoupling. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 370-379.	1.3	81
28	Chronic therapy with isosorbide-5-mononitrate causes endothelial dysfunction, oxidative stress, and a marked increase in vascular endothelin-1 expression. European Heart Journal, 2013, 34, 3206-3216.	1.0	79
29	ALDH-2 deficiency increases cardiovascular oxidative stress---Evidence for indirect antioxidative properties. Biochemical and Biophysical Research Communications, 2008, 367, 137-143.	1.0	72
30	The Polypyrimidine Tract-binding Protein (PTB) Is Involved in the Post-transcriptional Regulation of Human Inducible Nitric Oxide Synthase Expression*. Journal of Biological Chemistry, 2006, 281, 32294-32302.	1.6	71
31	NO Signaling Confers Cytoprotectivity through the Survivin Network in Ovarian Carcinomas. Cancer Research, 2008, 68, 5159-5166.	0.4	68
32	Involvement of NO in contact hypersensitivity. International Immunology, 1998, 10, 61-69.	1.8	62
33	Transcriptional regulation of Nox4 by histone deacetylases in human endothelial cells. Basic Research in Cardiology, 2012, 107, 283.	2.5	61
34	Regulation of cyclooxygenase-2 expression by cyclic AMP. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 1605-1618.	1.9	56
35	Nitric oxide-mediated inhibition of androgen receptor activity: possible implications for prostate cancer progression. Oncogene, 2007, 26, 1875-1884.	2.6	55
36	Transcriptional and post-transcriptional regulation of iNOS expression in human chondrocytes. Biochemical Pharmacology, 2010, 79, 722-732.	2.0	55

#	Article	IF	Citations
37	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
38	Orphan nuclear receptor binding site in the human inducible nitric oxide synthase promoter mediates responsiveness to steroid and xenobiotic ligands. Journal of Cellular Biochemistry, 2002, 85, 72-82.	1.2	53
39	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
40	Evidence for a novel keratinocyte fatty acid uptake mechanism with preference for linoleic acid: Comparison of oleic and linoleic acid uptake by cultured human keratinocytes, fibroblasts and a human hepatoma cell line. Lipids and Lipid Metabolism, 1994, 1211, 51-60.	2.6	51
41	Pentaerythrityl Tetranitrate and Nitroglycerin, but not Isosorbide Mononitrate, Prevent Endothelial Dysfunction Induced by Ischemia and Reperfusion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1955-1959.	1.1	49
42	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
43	Activating-transcription-factor (ATF) regulates human 7S L RNA transcription by RNA polymerase IIIin vivoandin vitro. Nucleic Acids Research, 1990, 18, 6779-6784.	6.5	46
44	Sporogen, S14-95, and S-Curvularin, Three Inhibitors of Human Inducible Nitric-Oxide Synthase Expression Isolated from Fungi. Molecular Pharmacology, 2003, 63, 383-391.	1.0	45
45	Retinoic Acid Inhibits Nitric Oxide Synthase-2 Expression through the Retinoic Acid Receptor-Î±. Biochemical and Biophysical Research Communications, 2000, 270, 846-851.	1.0	43
46	Rho protein-mediated changes in the structure of the actin cytoskeleton regulate human inducible NO synthase gene expression â˜† â˜†This article contains data from the theses of A.W. and Y.Y.. Experimental Cell Research, 2003, 287, 106-115.	1.2	41
47	Transcription of human 7S K DNAin vitroandin vivois exclusively controlled by an upstream promoter. Nucleic Acids Research, 1988, 16, 1319-1331.	6.5	40
48	Sequence and factor requirements for faithful in vitro transcription of human 7SL DNA. Gene, 1990, 86, 217-225.	1.0	38
49	Regulation of Human Mitochondrial Aldehyde Dehydrogenase (ALDH-2) Activity by Electrophiles in Vitro. Journal of Biological Chemistry, 2011, 286, 8893-8900.	1.6	38
50	CD40L controls obesity-associated vascular inflammation, oxidative stress, and endothelial dysfunction in high fat diet-treated and db/db mice. Cardiovascular Research, 2018, 114, 312-323.	1.8	37
51	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
52	Mitochondrial oxidative stress and nitrate tolerance â€“ comparison of nitroglycerin and pentaerithrityl tetranitrate in Mn-SOD+/-mice. BMC Cardiovascular Disorders, 2006, 6, 44.	0.7	34
53	Inhibitors of Inducible NO Synthase Expression: Total Synthesis of (S)â€Curvularin and Its Ring Homologues. ChemMedChem, 2008, 3, 924-939.	1.6	33
54	Similar Regulation of Human Inducible Nitric-oxide Synthase Expression by Different Isoforms of the RNA-binding Protein AUF1. Journal of Biological Chemistry, 2009, 284, 2755-2766.	1.6	33

#	Article	IF	Citations
55	Differential haplotypic expression of the interleukin-18 gene. European Journal of Human Genetics, 2007, 15, 856-863.	1.4	29
56	Induction of tolerogenic lung CD4+ T cells by local treatment with a pSTAT-3 and pSTAT-5 inhibitor ameliorated experimental allergic asthma. International Immunology, 2011, 23, 1-15.	1.8	29
57	The Anti-Inflammatory Fungal Compound (S)-Curvularin Reduces Proinflammatory Gene Expression in an In Vivo Model of Rheumatoid Arthritis. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 106-114.	1.3	28
58	Heavy Metal Ion Induction of Adhesion Molecules and Cytokines in Human Endothelial Cells: The Role of NF-κB, IκB-α and AP-1. Pathobiology, 1997, 65, 241-252.	1.9	26
59	Ultraviolet A1 Radiation Induces Nitric Oxide Synthase-2 Expression in Human Skin Endothelial Cells in the Absence of Proinflammatory Cytokines. Journal of Investigative Dermatology, 2001, 117, 1200-1205.	0.3	26
60	Effects of nitroglycerin or pentaerithrityl tetranitrate treatment on the gene expression in rat hearts: evidence for cardiotoxic and cardioprotective effects. Physiological Genomics, 2009, 38, 176-185.	1.0	25
61	Regulation of NOS expression in vascular diseases. Frontiers in Bioscience - Landmark, 2021, 26, 85.	3.0	25
62	Targeting V-ATPase in primary human monocytes by archazolid potently represses the classical secretion of cytokines due to accumulation at the endoplasmic reticulum. Biochemical Pharmacology, 2014, 91, 490-500.	2.0	22
63	Orphan nuclear receptor binding site in the human inducible nitric oxide synthase promoter mediates responsiveness to steroid and xenobiotic ligands. Journal of Cellular Biochemistry, 2002, 85, 72-82.	1.2	22
64	Chronic Inflammatory Cardiomyopathy of Interferon Î³â€“Overexpressing Transgenic Mice Is Mediated by Tumor Necrosis Factor-Î±. American Journal of Pathology, 2012, 180, 73-81.	1.9	21
65	Endothelial Dysfunction in Tristetraprolin-deficient Mice Is Not Caused by Enhanced Tumor Necrosis Factor-Î± Expression. Journal of Biological Chemistry, 2014, 289, 15653-15665.	1.6	20
66	Regulation of the Expression of Nitric Oxide Synthase Isoforms. , 2000, , 105-128.		20
67	Heme Oxygenase-1 Induction and Organic Nitrate Therapy: Beneficial Effects on Endothelial Dysfunction, Nitrate Tolerance, and Vascular Oxidative Stress. International Journal of Hypertension, 2012, 2012, 1-13.	0.5	15
68	Revisiting an Old Antimicrobial Drug: Amphotericin B Induces Interleukin-1â€“Converting Enzyme as the Main Factor for Inducible Nitric-Oxide Synthase Expression in Activated Endothelia. Molecular Pharmacology, 2002, 62, 936-946.	1.0	14
69	Amphotericin B severely affects expression and activity of the endothelial constitutive nitric oxide synthase involving altered mRNA stability. British Journal of Pharmacology, 2000, 131, 473-481.	2.7	13
70	Impact of Mycoplasma hyorhinis infection on l-arginine metabolism: differential regulation of the human and murine iNOS gene. Biological Chemistry, 2005, 386, 1055-63.	1.2	13
71	The RNA binding protein tristetraprolin influences the activation state of murine dendritic cells. Molecular Immunology, 2010, 47, 1161-1170.	1.0	13
72	Human inducible nitric oxide synthase (iNOS) expression depends on chromosome region maintenance 1 (CRM1)- and eukaryotic translation initiation factor 4E (eIF4E)-mediated nucleocytoplasmic mRNA transport. Nitric Oxide - Biology and Chemistry, 2013, 30, 49-59.	1.2	13

#	Article	IF	Citations
73	Tristetraprolin regulation of interleukin-22 production. Scientific Reports, 2015, 5, 15112.	1.6	13
74	Regulation of the Expression of Inducible Nitric Oxide Synthase. , 2010, , 211-267.		12
75	Post-transcriptional regulation of the human inducible nitric oxide synthase (iNOS) expression by the cytosolic poly(A)-binding protein (PABP). Nitric Oxide - Biology and Chemistry, 2013, 33, 6-17.	1.2	12
76	The fungal lactone oxacyclododecindione is a potential new therapeutic substance in the treatment of lupus-associated kidney disease. Kidney International, 2014, 86, 780-789.	2.6	12
77	The KH-type splicing regulatory protein (KSRP) regulates type III interferon expression post-transcriptionally. Biochemical Journal, 2019, 476, 333-352.	1.7	12
78	Differentially Tolerized Mouse Antigen Presenting Cells Share a Common miRNA Signature Including Enhanced mmu-miR-223-3p Expression Which Is Sufficient to Imprint a Protolerogenic State. Frontiers in Pharmacology, 2018, 9, 915.	1.6	11
79	The Role of KH-Type Splicing Regulatory Protein (KSRP) for Immune Functions and Tumorigenesis. Cells, 2022, 11, 1482.	1.8	10
80	Anti-Inflammatory and Anti-Thrombotic Effects of the Fungal Metabolite Galiellalactone in Apolipoprotein E-Deficient Mice. PLoS ONE, 2015, 10, e0130401.	1.1	9
81	Inactivation of the KSRP gene modifies collagen antibody induced arthritis. Molecular Immunology, 2017, 87, 207-216.	1.0	9
82	The RNA-Binding Protein KSRP Modulates Cytokine Expression of CD4+ T Cells. Journal of Immunology Research, 2019, 2019, 1-15.	0.9	9
83	T Cell-Specific Overexpression of TGFÃŸ1 Fails to Influence Atherosclerosis in ApoE-Deficient Mice. PLoS ONE, 2013, 8, e81444.	1.1	6
84	NO Synthesis and NOS Regulation. , 2003, , 119-154.		5
85	Regulation of human inducible nitric oxide synthase expression by an upstream open reading frame. Nitric Oxide - Biology and Chemistry, 2019, 88, 50-60.	1.2	4
86	Knockout of the KH-Type Splicing Regulatory Protein Drives Glomerulonephritis in MRL-Faslpr Mice. Cells, 2021, 10, 3167.	1.8	3
87	NOX2ko Mice Show Largely Increased Expression of a Mutated NOX2 mRNA Encoding an Inactive NOX2 Protein. Antioxidants, 2020, 9, 1043.	2.2	1
88	Deficiency of Antioxidative Paraoxonase 2 (Pon2) Leads to Increased Number of Phenotypic LT-HSCs and Disturbed Erythropoiesis. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	1.9	1
89	A specific, non-immune system-related isoform of the human inducible nitric oxide synthase is expressed during differentiation of human stem cells into various cell types. Cell Communication and Signaling, 2022, 20, 47.	2.7	1
90	Past, present and future of immunology in Mainz. Cellular Immunology, 2016, 308, 1-6.	1.4	0