

# Hartmut Kleinert

## List of Publications by Year in descending order

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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	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. <i>Cell Communication and Signaling</i> , 2022, 20, 47.	2.7	1
2	The Role of KH-Type Splicing Regulatory Protein (KSRP) for Immune Functions and Tumorigenesis. <i>Cells</i> , 2022, 11, 1482.	1.8	10
3	Regulation of NOS expression in vascular diseases. <i>Frontiers in Bioscience - Landmark</i> , 2021, 26, 85.	3.0	25
4	Deficiency of Antioxidative Paraoxonase 2 (Pon2) Leads to Increased Number of Phenotypic LT-HSCs and Disturbed Erythropoiesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	1.9	1
5	Knockout of the KH-Type Splicing Regulatory Protein Drives Glomerulonephritis in MRL-Fas <sup>lpr</sup> Mice. <i>Cells</i> , 2021, 10, 3167.	1.8	3
6	NOX2 <sup>ko</sup> Mice Show Largely Increased Expression of a Mutated NOX2 mRNA Encoding an Inactive NOX2 Protein. <i>Antioxidants</i> , 2020, 9, 1043.	2.2	1
7	The RNA-Binding Protein KSRP Modulates Cytokine Expression of CD4 <sup>+</sup> T Cells. <i>Journal of Immunology Research</i> , 2019, 2019, 1-15.	0.9	9
8	Regulation of human inducible nitric oxide synthase expression by an upstream open reading frame. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 88, 50-60.	1.2	4
9	The KH-type splicing regulatory protein (KSRP) regulates type III interferon expression post-transcriptionally. <i>Biochemical Journal</i> , 2019, 476, 333-352.	1.7	12
10	CD40L controls obesity-associated vascular inflammation, oxidative stress, and endothelial dysfunction in high fat diet-treated and db/db mice. <i>Cardiovascular Research</i> , 2018, 114, 312-323.	1.8	37
11	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. <i>Frontiers in Pharmacology</i> , 2018, 9, 915.	1.6	11
12	Inactivation of the KSRP gene modifies collagen antibody induced arthritis. <i>Molecular Immunology</i> , 2017, 87, 207-216.	1.0	9
13	Past, present and future of immunology in Mainz. <i>Cellular Immunology</i> , 2016, 308, 1-6.	1.4	0
14	Tristetraprolin regulation of interleukin-22 production. <i>Scientific Reports</i> , 2015, 5, 15112.	1.6	13
15	Anti-Inflammatory and Anti-Thrombotic Effects of the Fungal Metabolite Galiellalactone in Apolipoprotein E-Deficient Mice. <i>PLoS ONE</i> , 2015, 10, e0130401.	1.1	9
16	Resveratrol post-transcriptionally regulates pro-inflammatory gene expression via regulation of KSRP RNA binding activity. <i>Nucleic Acids Research</i> , 2014, 42, 12555-12569.	6.5	54
17	The fungal lactone oxacyclododecindione is a potential new therapeutic substance in the treatment of lupus-associated kidney disease. <i>Kidney International</i> , 2014, 86, 780-789.	2.6	12
18	Endothelial Dysfunction in Tristetraprolin-deficient Mice Is Not Caused by Enhanced Tumor Necrosis Factor- $\alpha$ Expression. <i>Journal of Biological Chemistry</i> , 2014, 289, 15653-15665.	1.6	20

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19	Targeting V-ATPase in primary human monocytes by archazolid potently represses the classical secretion of cytokines due to accumulation at the endoplasmic reticulum. <i>Biochemical Pharmacology</i> , 2014, 91, 490-500.	2.0	22
20	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
21	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. <i>Nitric Oxide - Biology and Chemistry</i> , 2013, 30, 49-59.	1.2	13
22	Post-transcriptional regulation of the human inducible nitric oxide synthase (iNOS) expression by the cytosolic poly(A)-binding protein (PABP). <i>Nitric Oxide - Biology and Chemistry</i> , 2013, 33, 6-17.	1.2	12
23	Chronic therapy with isosorbide-5-mononitrate causes endothelial dysfunction, oxidative stress, and a marked increase in vascular endothelin-1 expression. <i>European Heart Journal</i> , 2013, 34, 3206-3216.	1.0	79
24	T Cell-Specific Overexpression of TGF $\beta$ 1 Fails to Influence Atherosclerosis in ApoE-Deficient Mice. <i>PLoS ONE</i> , 2013, 8, e81444.	1.1	6
25	Heme Oxygenase-1 Induction and Organic Nitrate Therapy: Beneficial Effects on Endothelial Dysfunction, Nitrate Tolerance, and Vascular Oxidative Stress. <i>International Journal of Hypertension</i> , 2012, 2012, 1-13.	0.5	15
26	The Anti-Inflammatory Fungal Compound ( <i>Sclerotinia</i> )-Curvularin Reduces Proinflammatory Gene Expression in an In Vivo Model of Rheumatoid Arthritis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 106-114.	1.3	28
27	Chronic Inflammatory Cardiomyopathy of Interferon $\gamma$ -Overexpressing Transgenic Mice Is Mediated by Tumor Necrosis Factor- $\alpha$ . <i>American Journal of Pathology</i> , 2012, 180, 73-81.	1.9	21
28	Transcriptional regulation of Nox4 by histone deacetylases in human endothelial cells. <i>Basic Research in Cardiology</i> , 2012, 107, 283.	2.5	61
29	Induction of tolerogenic lung CD4+ T cells by local treatment with a pSTAT-3 and pSTAT-5 inhibitor ameliorated experimental allergic asthma. <i>International Immunology</i> , 2011, 23, 1-15.	1.8	29
30	Vascular Dysfunction in Experimental Diabetes Is Improved by Pentaerythrityl Tetranitrate but Not Isosorbide-5-Mononitrate Therapy. <i>Diabetes</i> , 2011, 60, 2608-2616.	0.3	86
31	Regulation of Human Mitochondrial Aldehyde Dehydrogenase (ALDH-2) Activity by Electrophiles in Vitro. <i>Journal of Biological Chemistry</i> , 2011, 286, 8893-8900.	1.6	38
32	Transcriptional and post-transcriptional regulation of iNOS expression in human chondrocytes. <i>Biochemical Pharmacology</i> , 2010, 79, 722-732.	2.0	55
33	Regulation of the Expression of Inducible Nitric Oxide Synthase. , 2010, , 211-267.		12
34	The RNA binding protein tristetrarolin influences the activation state of murine dendritic cells. <i>Molecular Immunology</i> , 2010, 47, 1161-1170.	1.0	13
35	Regulation of the expression of inducible nitric oxide synthase. <i>Nitric Oxide - Biology and Chemistry</i> , 2010, 23, 75-93.	1.2	441
36	Similar Regulation of Human Inducible Nitric-oxide Synthase Expression by Different Isoforms of the RNA-binding Protein AUF1. <i>Journal of Biological Chemistry</i> , 2009, 284, 2755-2766.	1.6	33

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37	Effects of nitroglycerin or pentaerythryl 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
38	Inhibitors of Inducible NO Synthase Expression: Total Synthesis of Curvularin and Its Ring Homologues. <i>ChemMedChem</i> , 2008, 3, 924-939.	1.6	33
39	Glyceraldehyde-3-Phosphate Dehydrogenase Regulates Endothelin-1 Expression by a Novel, Redox-Sensitive Mechanism Involving mRNA Stability. <i>Molecular and Cellular Biology</i> , 2008, 28, 7139-7155.	1.1	106
40	ALDH-2 deficiency increases cardiovascular oxidative stress—Evidence for indirect antioxidative properties. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 137-143.	1.0	72
41	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
42	NO Signaling Confers Cytoprotectivity through the Survivin Network in Ovarian Carcinomas. <i>Cancer Research</i> , 2008, 68, 5159-5166.	0.4	68
43	Post-Transcriptional Regulation of Human Inducible Nitric-Oxide Synthase Expression by the Jun N-terminal Kinase. <i>Molecular Pharmacology</i> , 2007, 71, 1427-1434.	1.0	47
44	Pentaerythryl Tetranitrate and Nitroglycerin, but not Isosorbide Mononitrate, Prevent Endothelial Dysfunction Induced by Ischemia and Reperfusion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1955-1959.	1.1	49
45	The Interleukin-22/STAT3 Pathway Potentiates Expression of Inducible Nitric-oxide Synthase in Human Colon Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 16006-16015.	1.6	106
46	Interferon- $\beta$ Induces Chronic Active Myocarditis and Cardiomyopathy in Transgenic Mice. <i>American Journal of Pathology</i> , 2007, 171, 463-472.	1.9	89
47	Nitric oxide-mediated inhibition of androgen receptor activity: possible implications for prostate cancer progression. <i>Oncogene</i> , 2007, 26, 1875-1884.	2.6	55
48	Differential haplotypic expression of the interleukin-18 gene. <i>European Journal of Human Genetics</i> , 2007, 15, 856-863.	1.4	29
49	Regulation of cyclooxygenase-2 expression by cyclic AMP. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 1605-1618.	1.9	56
50	Mitochondrial oxidative stress and nitrate tolerance — comparison of nitroglycerin and pentaerythryl tetranitrate in Mn-SOD <sup>+</sup> -mice. <i>BMC Cardiovascular Disorders</i> , 2006, 6, 44.	0.7	34
51	The Polypyrimidine Tract-binding Protein (PTB) Is Involved in the Post-transcriptional Regulation of Human Inducible Nitric Oxide Synthase Expression*. <i>Journal of Biological Chemistry</i> , 2006, 281, 32294-32302.	1.6	71
52	Tristetraprolin Regulates the Expression of the Human Inducible Nitric-Oxide Synthase Gene. <i>Molecular Pharmacology</i> , 2005, 67, 2148-2161.	1.0	90
53	Impact of Mycoplasma hyorhinis infection on L-arginine metabolism: differential regulation of the human and murine iNOS gene. <i>Biological Chemistry</i> , 2005, 386, 1055-63.	1.2	13
54	Involvement of KSRP in the post-transcriptional regulation of human iNOS expression-complex interplay of KSRP with TTP and HuR. <i>Nucleic Acids Research</i> , 2005, 33, 4813-4827.	6.5	176

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55	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
56	Lovastatin inhibits Rho $\alpha$ -regulated expression of E $\alpha$ -selectin by TNF $\alpha$ and attenuates tumor cell adhesion. <i>FASEB Journal</i> , 2004, 18, 140-142.	0.2	115
57	Regulation of the expression of inducible nitric oxide synthase. <i>European Journal of Pharmacology</i> , 2004, 500, 255-266.	1.7	517
58	Rho protein-mediated changes in the structure of the actin cytoskeleton regulate human inducible NO synthase gene expression $\hat{a}$ $\hat{t}$ This article contains data from the theses of A.W. and Y.Y.. <i>Experimental Cell Research</i> , 2003, 287, 106-115.	1.2	41
59	Nitric Oxide Increases the Decay of Matrix Metalloproteinase 9 mRNA by Inhibiting the Expression of mRNA-Stabilizing Factor HuR. <i>Molecular and Cellular Biology</i> , 2003, 23, 4901-4916.	1.1	229
60	Regulation of the Expression of Inducible Nitric Oxide Synthase. <i>Biological Chemistry</i> , 2003, 384, 1343-64.	1.2	341
61	Sporogen, S14-95, and S-Curvularin, Three Inhibitors of Human Inducible Nitric-Oxide Synthase Expression Isolated from Fungi. <i>Molecular Pharmacology</i> , 2003, 63, 383-391.	1.0	45
62	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
63	NO Synthesis and NOS Regulation., 2003, , 119-154.		5
64	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
65	Orphan nuclear receptor binding site in the human inducible nitric oxide synthase promoter mediates responsiveness to steroid and xenobiotic ligands. <i>Journal of Cellular Biochemistry</i> , 2002, 85, 72-82.	1.2	53
66	Orphan nuclear receptor binding site in the human inducible nitric oxide synthase promoter mediates responsiveness to steroid and xenobiotic ligands. <i>Journal of Cellular Biochemistry</i> , 2002, 85, 72-82.	1.2	22
67	Ultraviolet A1 Radiation Induces Nitric Oxide Synthase-2 Expression in Human Skin Endothelial Cells in the Absence of Proinflammatory Cytokines. <i>Journal of Investigative Dermatology</i> , 2001, 117, 1200-1205.	0.3	26
68	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
69	Inhibition of small G proteins of the Rho family by statins or Clostridium difficile toxin B enhances cytokine-mediated induction of NO synthase II. <i>British Journal of Pharmacology</i> , 2000, 131, 553-561.	2.7	52
70	Complex Contribution of the 3 $\hat{a}$ €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
71	Retinoic Acid Inhibits Nitric Oxide Synthase-2 Expression through the Retinoic Acid Receptor-1 $\pm$ . <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 846-851.	1.0	43
72	Regulation of the Expression of Nitric Oxide Synthase Isoforms., 2000, , 105-128.		20

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73	Potential Functional Significance of Brain-Type and Muscle-Type Nitric Oxide Synthase I Expressed in Adventitia and Media of Rat Aorta. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 2584-2590.	1.1	82
74	Down-regulation of the expression of endothelial NO synthase is likely to contribute to glucocorticoid-mediated hypertension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 13357-13362.	3.3	272
75	Involvement of protein kinases in the induction of NO synthase II in human DLD-1 cells. <i>British Journal of Pharmacology</i> , 1998, 123, 1716-1722.	2.7	36
76	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
77	Estrogens Increase Transcription of the Human Endothelial NO Synthase Gene. <i>Hypertension</i> , 1998, 31, 582-588.	1.3	218
78	Involvement of NO in contact hypersensitivity. <i>International Immunology</i> , 1998, 10, 61-69.	1.8	62
79	Activation of Protein Kinase C $\alpha$ and/or $\mu$ Enhances Transcription of the Human Endothelial Nitric Oxide Synthase Gene. <i>Molecular Pharmacology</i> , 1998, 53, 630-637.	1.0	145
80	Expressional control of the "constitutive" isoforms of nitric oxide synthase (NOS I and NOS III). <i>FASEB Journal</i> , 1998, 12, 773-790.	0.2	558
81	Heavy Metal Ion Induction of Adhesion Molecules and Cytokines in Human Endothelial Cells: The Role of NF- $\kappa$ B, I $\kappa$ B- $\alpha$ , and AP-1. <i>Pathobiology</i> , 1997, 65, 241-252.	1.9	26
82	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
83	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
84	Nitric oxide synthase: expression and expressional control of the three isoforms. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1995, 352, 351-64.	1.4	374
85	Expression and Expressional Control of Nitric Oxide Synthases in Various Cell Types. <i>Advances in Pharmacology</i> , 1995, 34, 171-186.	1.2	83
86	Isoforms of nitric oxide synthase. <i>Biochemical Pharmacology</i> , 1995, 50, 1321-1332.	2.0	353
87	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. <i>Lipids and Lipid Metabolism</i> , 1994, 1211, 51-60.	2.6	51
88	Activating-transcription-factor (ATF) regulates human 7S L RNA transcription by RNA polymerase III in vivo and in vitro. <i>Nucleic Acids Research</i> , 1990, 18, 6779-6784.	6.5	46
89	Sequence and factor requirements for faithful in vitro transcription of human 7SL DNA. <i>Gene</i> , 1990, 86, 217-225.	1.0	38
90	Transcription of human 7S K DNA in vitro and in vivo is exclusively controlled by an upstream promoter. <i>Nucleic Acids Research</i> , 1988, 16, 1319-1331.	6.5	40