

Harald Carlsen

List of Publications by Year in descending order

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68
papers

4,809
citations

159585

30
h-index

118850

62
g-index

69
all docs

69
docs citations

69
times ranked

7826
citing authors

#	ARTICLE	IF	CITATIONS
1	AS04, an Aluminum Salt- and TLR4 Agonist-Based Adjuvant System, Induces a Transient Localized Innate Immune Response Leading to Enhanced Adaptive Immunity. <i>Journal of Immunology</i> , 2009, 183, 6186-6197.	0.8	615
2	Adjuvant System AS03 containing Î±-tocopherol modulates innate immune response and leads to improved adaptive immunity. <i>Vaccine</i> , 2011, 29, 2461-2473.	3.8	396
3	Polyphenols and glutathione synthesis regulation. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 277S-283S.	4.7	395
4	Flavonoids increase the intracellular glutathione level by transactivation of the Î³-glutamylcysteine synthetase catalytical subunit promoter. <i>Free Radical Biology and Medicine</i> , 2002, 32, 386-393.	2.9	371
5	In Vivo Imaging of NF-Î²B Activity. <i>Journal of Immunology</i> , 2002, 168, 1441-1446.	0.8	340
6	Flagellin Promotes Myeloid Differentiation Factor 88-Dependent Development of Th2-Type Response. <i>Journal of Immunology</i> , 2004, 172, 6922-6930.	0.8	283
7	Activation of Nrf2 in Endothelial Cells Protects Arteries From Exhibiting a Proinflammatory State. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1851-1857.	2.4	216
8	Antioxidants, reactive oxygen and nitrogen species, gene induction and mitochondrial function. <i>Molecular Aspects of Medicine</i> , 2002, 23, 209-285.	6.4	201
9	In vivo imaging of reactive oxygen and nitrogen species in inflammation using the luminescent probe L-012. <i>Free Radical Biology and Medicine</i> , 2009, 47, 760-766.	2.9	152
10	Laminar shear stress acts as a switch to regulate divergent functions of NF-Î²B in endothelial cells. <i>FASEB Journal</i> , 2007, 21, 3553-3561.	0.5	130
11	Molecular imaging of the biological effects of quercetin and quercetin-rich foods. <i>Mechanisms of Ageing and Development</i> , 2004, 125, 315-324.	4.6	116
12	Electrophilic nitro-fatty acids inhibit vascular inflammation by disrupting LPS-dependent TLR4 signalling in lipid rafts. <i>Cardiovascular Research</i> , 2013, 98, 116-124.	3.8	98
13	Diet-induced obesity increases NF-Î²B signaling in reporter mice. <i>Genes and Nutrition</i> , 2009, 4, 215-222.	2.5	96
14	Molecular imaging of the transcription factor NF-Î²B, a primary regulator of stress response. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 551, 199-211.	1.0	80
15	Coffee, broccoli and spices are strong inducers of electrophile response element-dependent transcription <i>in vitro</i> and <i>in vivo</i> – Studies in electrophile response element transgenic mice. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 185-197.	3.3	74
16	NF-Î²B Activation Is Required for the Transition of Pulmonary Inflammation to Muscle Atrophy. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 288-297.	2.9	71
17	The PXR is a drug target for chronic inflammatory liver disease. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 120, 137-148.	2.5	68
18	Hepatic Nuclear Factor Î²B Regulates Neutrophil Recruitment to the Injured Brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008, 67, 223-230.	1.7	63

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19	A Novel Mouse Model for Multiple Myeloma (MOPC315.BM) That Allows Noninvasive Spatiotemporal Detection of Osteolytic Disease. PLoS ONE, 2012, 7, e51892.	2.5	61
20	Retinoic acid dampens LPS-induced NF- κ B activity: results from human monoblasts and in vivo imaging of NF- κ B reporter mice. Journal of Nutritional Biochemistry, 2009, 20, 726-734.	4.2	59
21	Vitamin A status significantly alters nuclear factor- κ B activity assessed by in vivo imaging. FASEB Journal, 2004, 18, 1255-1257.	0.5	57
22	Mitochondrial DNA Toxicity in Forebrain Neurons Causes Apoptosis, Neurodegeneration, and Impaired Behavior. Molecular and Cellular Biology, 2010, 30, 1357-1367.	2.3	50
23	Research Communication: Berry Intake Increases the Activity of the β -Glutamylcysteine Synthetase Promoter in Transgenic Reporter Mice. Journal of Nutrition, 2003, 133, 2137-2140.	2.9	45
24	Dietary (1 α), (1 α)- β -d-glucans from oat activate nuclear factor- κ B in intestinal leukocytes and enterocytes from mice. Nutrition Research, 2010, 30, 40-48.	2.9	44
25	Caught in the act: In vivo molecular imaging of the transcription factor NF- κ B after myocardial infarction. Biochemical and Biophysical Research Communications, 2006, 342, 773-774.	2.1	43
26	Reoxygenation of Hypoxic Mice with 100% Oxygen Induces Brain Nuclear Factor-kappa B. Pediatric Research, 2005, 58, 941-945.	2.3	39
27	Cardioprotection by hypoxia-inducible factor 1 alpha transfection in skeletal muscle is dependent on haem oxygenase activity in mice. Cardiovascular Research, 2009, 82, 107-114.	3.8	39
28	Impaired dynamics and function of mitochondria caused by mtDNA toxicity leads to heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H434-H449.	3.2	38
29	Immunogenic Properties of Lactobacillus plantarum Producing Surface-Displayed Mycobacterium tuberculosis Antigens. Applied and Environmental Microbiology, 2017, 83, .	3.1	34
30	Successful Development of Bacteriocins into Therapeutic Formulation for Treatment of MRSA Skin Infection in a Murine Model. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	34
31	Non-Classical ProIL-1beta Activation during Mammary Gland Infection Is Pathogen-Dependent but Caspase-1 Independent. PLoS ONE, 2014, 9, e105680.	2.5	33
32	Helix-loop-helix transcription factors in electrically active and inactive skeletal muscles. Muscle and Nerve, 2000, 23, 1374-1380.	2.2	30
33	In vivo imaging of NF- κ B activity during Escherichia coli-induced mammary gland infection. Cellular Microbiology, 2008, 10, 1249-1258.	2.1	29
34	Lycopene induces retinoic acid receptor transcriptional activation in mice. Molecular Nutrition and Food Research, 2012, 56, 702-712.	3.3	29
35	Molecular imaging of NF- κ B in prostate tissue after systemic administration of IL-1 β . Prostate, 2008, 68, 34-41.	2.3	27
36	Tomato Paste Alters NF- κ B and Cancer-Related mRNA Expression in Prostate Cancer Cells, Xenografts, and Xenograft Microenvironment. Nutrition and Cancer, 2015, 67, 305-315.	2.0	27

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37	Tracking Early Autoimmune Disease by Bioluminescent Imaging of NF- κ B Activation Reveals Pathology in Multiple Organ Systems. <i>American Journal of Pathology</i> , 2009, 174, 1358-1367.	3.8	26
38	Bilberry Extracts Induce Gene Expression Through the Electrophile Response Element. <i>Nutrition and Cancer</i> , 2006, 54, 94-101.	2.0	23
39	Corneal NF- κ B activity is necessary for the retention of transparency in the cornea of UV-B-exposed transgenic reporter mice. <i>Experimental Eye Research</i> , 2006, 82, 700-709.	2.6	22
40	The Increasing Issue of Vancomycin-Resistant Enterococci and the Bacteriocin Solution. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 1203-1217.	3.9	22
41	Hybrid hydrogels for bacteriocin delivery to infected wounds. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 166, 105990.	4.0	17
42	Strong In Vivo Activation of NF- κ B in Mouse Lenses by Classic Stressors. , 2003, 44, 2683.		16
43	Antioxidant Activity in the Newborn Brain: A Luciferase Mouse Model. <i>Neonatology</i> , 2008, 93, 125-131.	2.0	16
44	Retinoic acid inhibits <i>in vivo</i> interleukin-2 gene expression and T cell activation in mice. <i>Immunology</i> , 2009, 126, 514-522.	4.4	15
45	NF- κ B Activity in Perinatal Brain During Infectious and Hypoxic-Ischemic Insults Revealed by a Reporter Mouse. <i>Brain Pathology</i> , 2012, 22, 499-510.	4.1	15
46	Coffee inhibits nuclear factor-kappa B in prostate cancer cells and xenografts. <i>Journal of Nutritional Biochemistry</i> , 2016, 27, 153-163.	4.2	15
47	Molecular imaging of transcriptional regulation during inflammation. <i>Journal of Inflammation</i> , 2010, 7, 20.	3.4	14
48	Hyperactivation of NF- κ B via the MEK signaling is indispensable for the inhibitory effect of cAMP on DNA damage-induced cell death. <i>Molecular Cancer</i> , 2011, 10, 45.	19.2	14
49	Induction of colorectal carcinogenesis in the C57BL/6J and A/J mouse strains with a reduced DSS dose in the AOM/DSS model. <i>Laboratory Animal Research</i> , 2021, 37, 19.	2.5	14
50	A Strong Synergy Between the Thiopeptide Bacteriocin Micrococcin P1 and Rifampicin Against MRSA in a Murine Skin Infection Model. <i>Frontiers in Immunology</i> , 2021, 12, 676534.	4.8	14
51	Dietary polyphenols identified as intracellular protein kinase A inhibitors. <i>European Journal of Nutrition</i> , 2008, 47, 460-469.	3.9	11
52	Naturalizing laboratory mice by housing in a farmyard-type habitat confers protection against colorectal carcinogenesis. <i>Gut Microbes</i> , 2021, 13, 1993581.	9.8	11
53	Reduced Retinoid Signaling in the Skin after Systemic Retinoid-X Receptor Ligand Treatment in Mice with Potential Relevance for Skin Disorders. <i>Dermatology</i> , 2012, 225, 304-311.	2.1	10
54	Gene Deletion of NF- κ B p105 Enhances Neointima Formation in a Mouse Model of Carotid Artery Injury. <i>Cardiovascular Drugs and Therapy</i> , 2006, 20, 103-111.	2.6	9

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55	Exploring the Therapeutic Potential of the Leaderless Enterocins K1 and EJ97 in the Treatment of Vancomycin-Resistant Enterococcal Infection. <i>Frontiers in Microbiology</i> , 2021, 12, 649339.	3.5	9
56	Temporal Dynamics of Reactive Oxygen and Nitrogen Species and NF- κ B Activation During Acute and Chronic T Cell-Driven Inflammation. <i>Molecular Imaging and Biology</i> , 2020, 22, 504-514.	2.6	8
57	Noninvasive in Vivo Imaging of Protein Kinase a Activity. <i>Molecular Imaging</i> , 2008, 7, 7290.2008.0005.	1.4	6
58	A High-Fat Western Diet Attenuates Intestinal Changes in Mice with DSS-Induced Low-Grade Inflammation. <i>Journal of Nutrition</i> , 2022, 152, 758-769.	2.9	5
59	The ROS-generating enzyme NADPH oxidase 1 modulates the colonic microbiota but offers minor protection against dextran sulfate sodium-induced low-grade colon inflammation in mice. <i>Free Radical Biology and Medicine</i> , 2022, 188, 298-311.	2.9	4
60	Comparison of the Immunogenic Properties of <i>Lactiplantibacillus plantarum</i> Carrying the Mycobacterial Ag85B-ESAT-6 Antigen at Various Cellular Localizations. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	3
61	A transgenic reporter mouse model for in vivo assessment of retinoic acid receptor transcriptional activation. <i>International Journal for Vitamin and Nutrition Research</i> , 2021, , 1-13.	1.5	2
62	Noninvasive in vivo imaging of protein kinase A activity. <i>Molecular Imaging</i> , 2008, 7, 35-41.	1.4	2
63	Lugol's solution and Gentian violet eradicate methicillin-resistant <i>Staphylococcus aureus</i> biofilm in skin wound infections. <i>International Wound Journal</i> , 0, , .	2.9	2
64	Helix-loop-helix transcription factors in electrically active and inactive skeletal muscles. <i>Muscle and Nerve</i> , 2000, 23, 1374-1380.	2.2	1
65	Y1A4 C Jun N-terminal kinase promotes endothelial activation at atherosclerosis-susceptible sites by enhancing expression of NF- κ B transcription factors. <i>Heart</i> , 2010, 96, e10-e10.	2.9	0
66	No major role for the transcription factor NF- κ B in bone marrow function during peritonitis in the mouse. <i>International Journal of Hematology</i> , 2014, 100, 111-118.	1.6	0
67	In vivo Imaging of Antioxidant Effects on NF- κ B Activity in Reporter Mice. , 2011, , 157-184.		0
68	Intestinal ROS is reduced in mice after fasting. <i>FASEB Journal</i> , 2013, 27, lb418.	0.5	0