

Mark Hannink

List of Publications by Year in descending order

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64
papers

7,993
citations

101543

36
h-index

133252

59
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65
all docs

65
docs citations

65
times ranked

10235
citing authors

#	ARTICLE	IF	CITATIONS
1	Btm-3566, a Novel Activator of the Mitochondrial Stress Response Promotes Robust Therapeutic Responses <i>in Vitro</i> and <i>In Vivo</i> in Diffuse Large B-Cell Lymphoma. <i>Blood</i> , 2021, 138, 684-684.	1.4	0
2	Drug Repositioning and Subgroup Discovery for Precision Medicine Implementation in Triple Negative Breast Cancer. <i>Cancers</i> , 2021, 13, 6278.	3.7	6
3	Heme oxygenase promotes β -Raf-dependent melanosphere formation. <i>Pigment Cell and Melanoma Research</i> , 2020, 33, 850-868.	3.3	8
4	Catalytically active HDAC5 suppresses oxidative stress and NRF2-dependent transcription in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 140, 29.	1.9	0
5	Effects of Moloney Leukemia Virus 10 Protein on Hepatitis B Virus Infection and Viral Replication. <i>Viruses</i> , 2019, 11, 651.	3.3	10
6	Exploring the molecular genetic foundations of cancer biology and how biomedical advances are made in an advanced undergraduate course. <i>Biochemistry and Molecular Biology Education</i> , 2019, 47, 408-416.	1.2	0
7	HDAC5 catalytic activity suppresses cardiomyocyte oxidative stress and NRF2 target gene expression. <i>Journal of Biological Chemistry</i> , 2019, 294, 8640-8652.	3.4	27
8	Nrf2-inducing and HMG-CoA reductase inhibitory activities of a polyphenol-rich fraction of <i>Guazuma ulmifolia</i> leaves. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2019, 9, 389.	1.2	0
9	Docosahexaenoic acid (DHA): An essential nutrient and a nutraceutical for brain health and diseases. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 136, 3-13.	2.2	172
10	Assembly of PGAM5 into Multimeric Complexes Provides a Mechanism for Allosteric Regulation of Phosphatase Activity. <i>Methods in Enzymology</i> , 2018, 607, 353-372.	1.0	3
11	<i>Withania somnifera</i> and Its Withanolides Attenuate Oxidative and Inflammatory Responses and Up-Regulate Antioxidant Responses in BV-2 Microglial Cells. <i>NeuroMolecular Medicine</i> , 2016, 18, 241-252.	3.4	61
12	Phytochemicals and botanical extracts regulate NF- κ B and Nrf2/ARE reporter activities in DI TNC1 astrocytes. <i>Neurochemistry International</i> , 2016, 97, 49-56.	3.8	35
13	From Gigabyte to Kilobyte: A Bioinformatics Protocol for Mining Large RNA-Seq Transcriptomics Data. <i>PLoS ONE</i> , 2015, 10, e0125000.	2.5	7
14	Quercetin Attenuates Inflammatory Responses in BV-2 Microglial Cells: Role of MAPKs on the Nrf2 Pathway and Induction of Heme Oxygenase-1. <i>PLoS ONE</i> , 2015, 10, e0141509.	2.5	128
15	Proteomic Analysis of the Effects of Aged Garlic Extract and Its FruArg Component on Lipopolysaccharide-Induced Neuroinflammatory Response in Microglial Cells. <i>PLoS ONE</i> , 2014, 9, e113531.	2.5	24
16	A Conserved Motif Mediates both Multimer Formation and Allosteric Activation of Phosphoglycerate Mutase 5. <i>Journal of Biological Chemistry</i> , 2014, 289, 25137-25148.	3.4	27
17	Induction of Heme Oxygenase I (HMOX1) by HPP-4382: A Novel Modulator of Bach1 Activity. <i>PLoS ONE</i> , 2014, 9, e101044.	2.5	43
18	piggyBac Transposon plus Insulators Overcome Epigenetic Silencing to Provide for Stable Signaling Pathway Reporter Cell Lines. <i>PLoS ONE</i> , 2013, 8, e85494.	2.5	35

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19	Gold Nanoparticle-Mediated Detection of Circulating Cancer Cells. <i>Clinics in Laboratory Medicine</i> , 2012, 32, 89-101.	1.4	32
20	Elongation Factor 1 alpha1 and Genes Associated with Usher Syndromes Are Downstream Targets of GBX2. <i>PLoS ONE</i> , 2012, 7, e47366.	2.5	13
21	Effects of interventions on oxidative stress and inflammation of cardiovascular diseases. <i>World Journal of Cardiology</i> , 2011, 3, 18.	1.5	93
22	Modulation of Phototropic Responsiveness in <i>Arabidopsis</i> through Ubiquitination of Phototropin 1 by the CUL3-Ring E3 Ubiquitin Ligase CRL3NPH3. <i>Plant Cell</i> , 2011, 23, 3627-3640.	6.6	131
23	Stress-induced ER to Golgi translocation of ceramide synthase 1 is dependent on proteasomal processing. <i>Experimental Cell Research</i> , 2010, 316, 78-91.	2.6	39
24	Kelch-like homologue 9 mutation is associated with an early onset autosomal dominant distal myopathy. <i>Brain</i> , 2010, 133, 2123-2135.	7.6	67
25	Dihydro-CDDO-Trifluoroethyl Amide (dh404), a Novel Nrf2 Activator, Suppresses Oxidative Stress in Cardiomyocytes. <i>PLoS ONE</i> , 2009, 4, e8391.	2.5	94
26	PGAM5 tethers a ternary complex containing Keap1 and Nrf2 to mitochondria. <i>Experimental Cell Research</i> , 2008, 314, 1789-1803.	2.6	256
27	Molecular Imaging of <i>bcl-2</i> Expression in Small Lymphocytic Lymphoma Using ¹¹¹ In-Labeled PNA-Peptide Conjugates. <i>Journal of Nuclear Medicine</i> , 2008, 49, 430-438.	5.0	27
28	Fiber Type-Specific Nitric Oxide Protects Oxidative Myofibers against Cachectic Stimuli. <i>PLoS ONE</i> , 2008, 3, e2086.	2.5	70
29	Regulation of (di)hydro ceramide synthase 1. <i>FASEB Journal</i> , 2008, 22, 299-299.	0.5	1
30	Disruption of the Keap1-Containing Ubiquitination Complex as an Antioxidant Therapy. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 972-978.	2.1	17
31	Nitric oxide stimulates heme oxygenase-1 gene transcription via the Nrf2/ARE complex to promote vascular smooth muscle cell survival. <i>Cardiovascular Research</i> , 2007, 75, 381-389.	3.8	106
32	ERR β : A potent inhibitor of Nrf2 transcriptional activity. <i>Molecular and Cellular Endocrinology</i> , 2007, 278, 52-62.	3.2	44
33	PGAM5, a Bcl-XL-interacting protein, is a novel substrate for the redox-regulated Keap1-dependent ubiquitin ligase complex. <i>FASEB Journal</i> , 2007, 21, A1022.	0.5	0
34	Structure of the Keap1:Nrf2 interface provides mechanistic insight into Nrf2 signaling. <i>EMBO Journal</i> , 2006, 25, 3605-3617.	7.8	430
35	CAND1-Mediated Substrate Adaptor Recycling Is Required for Efficient Repression of Nrf2 by Keap1. <i>Molecular and Cellular Biology</i> , 2006, 26, 1235-1244.	2.3	89
36	PGAM5, a Bcl-XL-interacting Protein, Is a Novel Substrate for the Redox-regulated Keap1-dependent Ubiquitin Ligase Complex. <i>Journal of Biological Chemistry</i> , 2006, 281, 37893-37903.	3.4	174

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37	Conserved solvent and side-chain interactions in the 1.35 Å structure of the Kelch domain of Keap1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 1335-1342.	2.5	39
38	Coordinate Regulation of Basal and Cyclic 5'-Adenosine Monophosphate (cAMP)-Activated Expression of Human Chorionic Gonadotropin- β by Ets-2 and cAMP-Responsive Element Binding Protein. <i>Molecular Endocrinology</i> , 2005, 19, 1049-1066.	3.7	20
39	Ubiquitination of Keap1, a BTB-Kelch Substrate Adaptor Protein for Cul3, Targets Keap1 for Degradation by a Proteasome-independent Pathway. <i>Journal of Biological Chemistry</i> , 2005, 280, 30091-30099.	3.4	251
40	Distinct signaling pathways for induction of type II NOS by IFN β and LPS in BV-2 microglial cells. <i>Neurochemistry International</i> , 2005, 47, 298-307.	3.8	67
41	Crystal Structure of the Kelch Domain of Human Keap1. <i>Journal of Biological Chemistry</i> , 2004, 279, 54750-54758.	3.4	193
42	Keap1 Is a Redox-Regulated Substrate Adaptor Protein for a Cul3-Dependent Ubiquitin Ligase Complex. <i>Molecular and Cellular Biology</i> , 2004, 24, 10941-10953.	2.3	1,083
43	Crystallization and initial crystallographic analysis of the Kelch domain from human Keap1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 2346-2348.	2.5	12
44	Synthesis of Radiometal-Labeled and Fluorescent Cell-Permeating Peptide α -PNA Conjugates for Targeting the bcl-2 Proto-oncogene. <i>Bioconjugate Chemistry</i> , 2003, 14, 1083-1095.	3.6	47
45	Molecular mechanisms that regulate transcription factor localization suggest new targets for drug development. <i>Advanced Drug Delivery Reviews</i> , 2003, 55, 717-731.	13.7	32
46	Distinct Cysteine Residues in Keap1 Are Required for Keap1-Dependent Ubiquitination of Nrf2 and for Stabilization of Nrf2 by Chemopreventive Agents and Oxidative Stress. <i>Molecular and Cellular Biology</i> , 2003, 23, 8137-8151.	2.3	1,241
47	Nrf2 Is a Direct PERK Substrate and Effector of PERK-Dependent Cell Survival. <i>Molecular and Cellular Biology</i> , 2003, 23, 7198-7209.	2.3	1,074
48	CRM1-Mediated Nuclear Export Is Present During Porcine Embryogenesis, but Is Not Required for Early Cleavage. <i>Biology of Reproduction</i> , 2002, 67, 814-819.	2.7	11
49	Radiometal-Labeled Peptide α -PNA Conjugates for Targeting bcl-2 Expression: Preparation, Characterization, and in Vitro mRNA Binding. <i>Bioconjugate Chemistry</i> , 2002, 13, 1176-1180.	3.6	52
50	Characterization of the Nuclear Import and Export Functions of β . <i>Journal of Biological Chemistry</i> , 2002, 277, 23358-23366.	3.4	47
51	Regulation of Subcellular Localization of the Aryl Hydrocarbon Receptor (AhR). <i>Archives of Biochemistry and Biophysics</i> , 2001, 389, 207-217.	3.0	39
52	The N-terminal Nuclear Export Sequence of β Is Required for RanGTP-dependent Binding to CRM1. <i>Journal of Biological Chemistry</i> , 2001, 276, 23599-23606.	3.4	32
53	Phosphorylation-dependent regulation of cyclin D1 nuclear export and cyclin D1-dependent cellular transformation. <i>Genes and Development</i> , 2000, 14, 3102-3114.	5.9	476
54	Nuclear Import of β Is Accomplished by a Ran-Independent Transport Pathway. <i>Molecular and Cellular Biology</i> , 2000, 20, 1571-1582.	2.3	66

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55	Involvement of lipid mediators on cytokine signaling and induction of secretory phospholipase A2 in immortalized astrocytes (DITNC). <i>Journal of Molecular Neuroscience</i> , 1999, 12, 89-99.	2.3	20
56	Correlation of 2,3,7,8-Tetrachlorodibenzo-p-dioxin-Induced Apoptotic Cell Death in the Embryonic Vasculature with Embryotoxicity. <i>Toxicology and Applied Pharmacology</i> , 1998, 148, 24-34.	2.8	141
57	Loss of I κ B α -Mediated Control over Nuclear Import and DNA Binding Enables Oncogenic Activation of c-Rel. <i>Molecular and Cellular Biology</i> , 1998, 18, 5445-5456.	2.3	46
58	Nuclear Localization of I κ B α Is Mediated by the Second Ankyrin Repeat: the I κ B α Ankyrin Repeats Define a Novel Class of cis-Acting Nuclear Import Sequences. <i>Molecular and Cellular Biology</i> , 1998, 18, 2524-2534.	2.3	142
59	A threshold nuclear level of the v-Rel oncoprotein is required for transformation of avian lymphocytes. <i>Oncogene</i> , 1997, 14, 2585-2594.	5.9	13
60	N-acetyl cysteine provides partial protection against TCDD-induced lethality in fish embryos. <i>Marine Environmental Research</i> , 1996, 42, 113-118.	2.5	2
61	The reverse two-hybrid system: a genetic scheme for selection against specific protein/protein interactions. <i>Nucleic Acids Research</i> , 1996, 24, 3341-3347.	14.5	61
62	Tumor Necrosis Factor- α -dependent Activation of a RelA Homodimer in Astrocytes. <i>Journal of Biological Chemistry</i> , 1995, 270, 2703-2707.	3.4	52
63	Concerted Participation of NF- κ B and C/EBP Heteromer in Lipopolysaccharide Induction of Serum Amyloid A Gene Expression in Liver. <i>Journal of Biological Chemistry</i> , 1995, 270, 7365-7374.	3.4	107
64	The v-rel oncogene encodes a I κ B enhancer binding protein that inhibits NF- κ B function. <i>Cell</i> , 1990, 63, 803-814.	28.9	358