

Bluyssen H

List of Publications by Year in descending order

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55
papers

2,491
citations

172457

29
h-index

206112

48
g-index

56
all docs

56
docs citations

56
times ranked

3856
citing authors

#	ARTICLE	IF	CITATIONS
1	SINBAD, structural, experimental and clinical characterization of STAT inhibitors and their potential applications. <i>Scientific Data</i> , 2022, 9, 139.	5.3	1
2	Dysregulated Interferon Response and Immune Hyperactivation in Severe COVID-19: Targeting STATs as a Novel Therapeutic Strategy. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	29
3	From Transcriptome to Behavior: Intranasal Injection of Late Passage Human Olfactory Stem Cells Displays Potential in a Rat Model of Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2209-2217.	3.5	7
4	Inflammatory Response Leads to Neuronal Death in Human Post-Mortem Cerebral Cortex in Patients with COVID-19. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2143-2150.	3.5	50
5	ESR Method in Monitoring of Nanoparticle Endocytosis in Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4388.	4.1	7
6	Phenotypic plasticity of <i>Escherichia coli</i> upon exposure to physical stress induced by ZnO nanorods. <i>Scientific Reports</i> , 2019, 9, 8575.	3.3	19
7	Editorial: STATs and IRFs in Innate Immunity: From Transcriptional Regulators to Therapeutic Targets. <i>Frontiers in Immunology</i> , 2019, 10, 1829.	4.8	1
8	Signal Integration of IFN-I and IFN-II With TLR4 Involves Sequential Recruitment of STAT1-Complexes and NF- κ B to Enhance Pro-inflammatory Transcription. <i>Frontiers in Immunology</i> , 2019, 10, 1253.	4.8	34
9	Genome-Wide Inhibition of Pro-atherogenic Gene Expression by Multi-STAT Targeting Compounds as a Novel Treatment Strategy of CVDs. <i>Frontiers in Immunology</i> , 2018, 9, 2141.	4.8	7
10	A Positive Feedback Amplifier Circuit That Regulates Interferon (IFN)-Stimulated Gene Expression and Controls Type I and Type II IFN Responses. <i>Frontiers in Immunology</i> , 2018, 9, 1135.	4.8	222
11	Thyroid cancers of follicular origin in a genomic light: in-depth overview of common and unique molecular marker candidates. <i>Molecular Cancer</i> , 2018, 17, 116.	19.2	48
12	Genetic characterization of Polish ccRCC patients: somatic mutation analysis of <i>PBRM1</i> , <i>BAP1</i> and <i>KDMC5</i> , genomic SNP array analysis in tumor biopsy and preliminary results of chromosome aberrations analysis in plasma cell free DNA. <i>Oncotarget</i> , 2017, 8, 28558-28574.	1.8	8
13	Targeted inhibition of STATs and IRFs as a potential treatment strategy in cardiovascular disease. <i>Oncotarget</i> , 2016, 7, 48788-48812.	1.8	60
14	Letter to the Editor. <i>Cytokine and Growth Factor Reviews</i> , 2016, 32, 1.	7.2	0
15	The unique role of STAT2 in constitutive and IFN-induced transcription and antiviral responses. <i>Cytokine and Growth Factor Reviews</i> , 2016, 29, 71-81.	7.2	106
16	STAT1 and IRF8 in Vascular Inflammation and Cardiovascular Disease: Diagnostic and Therapeutic Potential. <i>International Reviews of Immunology</i> , 2016, 35, 434-454.	3.3	33
17	Advances in peptidic and peptidomimetic-based approaches to inhibit STAT signaling in human diseases. <i>Current Protein and Peptide Science</i> , 2016, 17, 135-146.	1.4	10
18	Potential Approaches and Recent Advances in Biomarker Discovery in Clear-Cell Renal Cell Carcinoma. <i>Journal of Cancer</i> , 2015, 6, 1105-1113.	2.5	35

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19	Identification of STAT1 and STAT3 Specific Inhibitors Using Comparative Virtual Screening and Docking Validation. <i>PLoS ONE</i> , 2015, 10, e0116688.	2.5	32
20	CAVSâ€™Novel in silico selection strategy of specific STAT inhibitory compounds. <i>Journal of Computational Science</i> , 2015, 10, 186-194.	2.9	5
21	A theoretical antioxidant pharmacophore for natural hydroxycinnamic acids. <i>Open Chemistry</i> , 2015, 13, .	1.9	35
22	STAT2/IRF9 directs a prolonged ISGF3-like transcriptional response and antiviral activity in the absence of STAT1. <i>Biochemical Journal</i> , 2015, 466, 511-524.	3.7	83
23	Expression of pre-selected TMEMs with predicted ER localization as potential classifiers of ccRCC tumors. <i>BMC Cancer</i> , 2015, 15, 518.	2.6	105
24	STAT2-directed pathogen responses. <i>Oncotarget</i> , 2015, 6, 28525-28526.	1.8	5
25	STAT1-Dependent Signal Integration between IFN γ and TLR4 in Vascular Cells Reflect Pro-Atherogenic Responses in Human Atherosclerosis. <i>PLoS ONE</i> , 2014, 9, e113318.	2.5	63
26	Data Mining of Atherosclerotic Plaque Transcriptomes Predicts STAT1-Dependent Inflammatory Signal Integration in Vascular Disease. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14313-14331.	4.1	24
27	Damage-associated molecular pattern activated Toll-like receptor 4 signalling modulates blood pressure in L-NAME-induced hypertension. <i>Cardiovascular Research</i> , 2014, 101, 464-472.	3.8	61
28	FUT11 as a potential biomarker of clear cell renal cell carcinoma progression based on meta-analysis of gene expression data. <i>Tumor Biology</i> , 2014, 35, 2607-2617.	1.8	34
29	Comparative screening and validation as a novel tool to identify STAT-specific inhibitors. <i>European Journal of Pharmacology</i> , 2014, 740, 417-420.	3.5	7
30	Molecular Properties and Medical Applications of Peptide Nucleic Acids. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014, 14, 401-410.	2.4	10
31	Genomics and epigenomics of clear cell renal cell carcinoma: Recent developments and potential applications. <i>Cancer Letters</i> , 2013, 341, 111-126.	7.2	101
32	In silico simulations of STAT1 and STAT3 inhibitors predict SH2 domain cross-binding specificity. <i>European Journal of Pharmacology</i> , 2013, 720, 38-48.	3.5	26
33	A type I IFN α -Flt3 ligand axis augments plasmacytoid dendritic cell development from common lymphoid progenitors. <i>Journal of Experimental Medicine</i> , 2013, 210, 2515-2522.	8.5	47
34	STAT1 as a novel therapeutical target in pro-atherogenic signal integration of IFN γ , TLR4 and IL-6 in vascular disease. <i>Cytokine and Growth Factor Reviews</i> , 2011, 22, 211-219.	7.2	80
35	STAT1-mediated signal integration between IFN γ and LPS leads to increased EC and SMC activation and monocyte adhesion. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C1337-C1344.	4.6	46
36	IFN γ -dependent SOCS3 expression inhibits IL-6-induced STAT3 phosphorylation and differentially affects IL-6 mediated transcriptional responses in endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C354-C362.	4.6	56

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37	Increased SOCS expression in peripheral blood mononuclear cells of end stage renal disease patients is related to inflammation and dialysis modality. <i>European Journal of Pharmacology</i> , 2009, 602, 163-167.	3.5	13
38	Increased expression of SOCS3 in monocytes and SOCS1 in lymphocytes correlates with progressive loss of renal function and cardiovascular risk factors in chronic kidney disease. <i>European Journal of Pharmacology</i> , 2008, 593, 99-104.	3.5	20
39	Transcriptome-based identification of pro- and antioxidative gene expression in kidney cortex of nitric oxide-depleted rats. <i>Physiological Genomics</i> , 2007, 28, 158-167.	2.3	21
40	Anti-oxidant sensitivity of donor age-related gene expression in cultured fibroblasts. <i>European Journal of Pharmacology</i> , 2006, 542, 154-161.	3.5	12
41	Gene expression of energy and protein metabolism in hearts of hypertensive nitric oxide- or GSH-depleted mice. <i>European Journal of Pharmacology</i> , 2005, 513, 21-33.	3.5	8
42	Resistance to oxidative stress by chronic infusion of angiotensin II in mouse kidney is not mediated by the AT ₂ receptor. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F1191-F1200.	2.7	40
43	Nitric Oxide-Dependent and Nitric Oxide-Independent Transcriptional Responses to High Shear Stress in Endothelial Cells. <i>Hypertension</i> , 2005, 45, 672-680.	2.7	29
44	Broadly Altered Gene Expression in Blood Leukocytes in Essential Hypertension Is Absent During Treatment. <i>Hypertension</i> , 2004, 43, 947-951.	2.7	73
45	Regulation of gene expression by dietary Ca ²⁺ in kidneys of 25-hydroxyvitamin D ₃ -1 α -hydroxylase knockout mice. <i>Kidney International</i> , 2004, 65, 531-539.	5.2	59
46	Fibronectin is a hypoxia-independent target of the tumor suppressor VHL. <i>FEBS Letters</i> , 2004, 556, 137-142.	2.8	47
47	Rapid determination of adenoviral vector titers by quantitative real-time PCR. <i>Journal of Virological Methods</i> , 2001, 93, 181-188.	2.1	65
48	Human and Mouse Homologs of the <i>Schizosaccharomyces pombe</i> rad17+Cell Cycle Checkpoint Control Gene. <i>Genomics</i> , 1999, 55, 219-228.	2.9	19
49	Regulation of Interferon- γ Responsiveness by the Duration of Janus Kinase Activity. <i>Journal of Biological Chemistry</i> , 1997, 272, 21872-21877.	3.4	86
50	Stat2 Is a Transcriptional Activator That Requires Sequence-specific Contacts Provided by Stat1 and p48 for Stable Interaction with DNA. <i>Journal of Biological Chemistry</i> , 1997, 272, 4600-4605.	3.4	135
51	ISGF3 ^{p48} , a specificity switch for interferon activated transcription factors. <i>Cytokine and Growth Factor Reviews</i> , 1996, 7, 11-17.	7.2	129
52	Combinatorial association and abundance of components of interferon-stimulated gene factor 3 dictate the selectivity of interferon responses.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 5645-5649.	7.1	143
53	Isolation, properties and chromosomal localization of four closely linked hamster interferon-alpha-encoding genes. <i>Gene</i> , 1995, 158, 295-300.	2.2	4
54	The interferon-stimulated gene 54 K promoter contains two adjacent functional interferon-stimulated response elements of different strength, which act synergistically for maximal interferon-alpha inducibility. <i>FEBS Journal</i> , 1994, 220, 395-402.	0.2	35

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55	Structure, Chromosome Localization, and Regulation of Expression of the Interferon-Regulated Mouse Ifi54/Ifi56 Gene Family. <i>Genomics</i> , 1994, 24, 137-148.	2.9	56