

Mathias MÃ¼ller

List of Publications by Year in descending order

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155
papers

11,201
citations

41258

49
h-index

32761

100
g-index

157
all docs

157
docs citations

157
times ranked

16715
citing authors

#	ARTICLE	IF	CITATIONS
1	Jak2 Deficiency Defines an Essential Developmental Checkpoint in Definitive Hematopoiesis. <i>Cell</i> , 1998, 93, 397-409.	13.5	908
2	The TSC-mTOR Signaling Pathway Regulates the Innate Inflammatory Response. <i>Immunity</i> , 2008, 29, 565-577.	6.6	687
3	IFIT1 is an antiviral protein that recognizes 5 \hat{c} ² -triphosphate RNA. <i>Nature Immunology</i> , 2011, 12, 624-630.	7.0	422
4	The Yin and Yang of type I interferon activity in bacterial infection. <i>Nature Reviews Immunology</i> , 2005, 5, 675-687.	10.6	410
5	Partial Impairment of Cytokine Responses in Tyk2-Deficient Mice. <i>Immunity</i> , 2000, 13, 549-560.	6.6	375
6	Central role for type I interferons and Tyk2 in lipopolysaccharide-induced endotoxin shock. <i>Nature Immunology</i> , 2003, 4, 471-477.	7.0	337
7	Phylotype-level 16S rRNA analysis reveals new bacterial indicators of health state in acute murine colitis. <i>ISME Journal</i> , 2012, 6, 2091-2106.	4.4	291
8	Canonical and Non-Canonical Aspects of JAK \hat{c} STAT Signaling: Lessons from Interferons for Cytokine Responses. <i>Frontiers in Immunology</i> , 2017, 8, 29.	2.2	254
9	Obesity Drives STAT-1-Dependent NASH and STAT-3-Dependent HCC. <i>Cell</i> , 2018, 175, 1289-1306.e20.	13.5	252
10	Phosphorylation of the Stat1 Transactivation Domain Is Required for Full-Fledged IFN- \hat{c} -Dependent Innate Immunity. <i>Immunity</i> , 2003, 19, 793-802.	6.6	239
11	CDK8 Kinase Phosphorylates Transcription Factor STAT1 to Selectively Regulate the Interferon Response. <i>Immunity</i> , 2013, 38, 250-262.	6.6	220
12	IFN Regulatory Factor 3-Dependent Induction of Type I IFNs by Intracellular Bacteria Is Mediated by a TLR- and Nod2-Independent Mechanism. <i>Journal of Immunology</i> , 2004, 173, 7416-7425.	0.4	195
13	A novel Ncr1-Cre mouse reveals the essential role of STAT5 for NK-cell survival and development. <i>Blood</i> , 2011, 117, 1565-1573.	0.6	193
14	The good and the bad faces of STAT1 in solid tumours. <i>Cytokine</i> , 2017, 89, 12-20.	1.4	191
15	Species-specific Regulation of Toll-like Receptor 3 Genes in Men and Mice. <i>Journal of Biological Chemistry</i> , 2003, 278, 21502-21509.	1.6	174
16	Longitudinal study of murine microbiota activity and interactions with the host during acute inflammation and recovery. <i>ISME Journal</i> , 2014, 8, 1101-1114.	4.4	174
17	Implications of STAT3 and STAT5 signaling on gene regulation and chromatin remodeling in hematopoietic cancer. <i>Leukemia</i> , 2018, 32, 1713-1726.	3.3	166
18	Mitochondrial DNA heteroplasmy in cloned cattle produced by fetal and adult cell cloning. <i>Nature Genetics</i> , 2000, 25, 255-257.	9.4	164

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19	Nonconventional Initiation Complex Assembly by STAT and NF- κ B Transcription Factors Regulates Nitric Oxide Synthase Expression. <i>Immunity</i> , 2010, 33, 25-34.	6.6	151
20	Production of Type I IFN Sensitizes Macrophages to Cell Death Induced by <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2002, 169, 6522-6529.	0.4	144
21	A molecular switch from STAT2-IRF9 to ISGF3 underlies interferon-induced gene transcription. <i>Nature Communications</i> , 2019, 10, 2921.	5.8	137
22	Interferons limit inflammatory responses by induction of tristetraprolin. <i>Blood</i> , 2006, 107, 4790-4797.	0.6	136
23	Aggressive B-cell lymphomas in patients with myelofibrosis receiving JAK1/2 inhibitor therapy. <i>Blood</i> , 2018, 132, 694-706.	0.6	132
24	Type I Interferons Promote Fatal Immunopathology by Regulating Inflammatory Monocytes and Neutrophils during <i>Candida</i> Infections. <i>PLoS Pathogens</i> , 2012, 8, e1002811.	2.1	131
25	Lipocalin 2 deactivates macrophages and worsens pneumococcal pneumonia outcomes. <i>Journal of Clinical Investigation</i> , 2013, 123, 3363-3372.	3.9	124
26	TYK2-STAT1-BCL2 Pathway Dependence in T-cell Acute Lymphoblastic Leukemia. <i>Cancer Discovery</i> , 2013, 3, 564-577.	7.7	122
27	Inhibition of mTOR blocks the anti-inflammatory effects of glucocorticoids in myeloid immune cells. <i>Blood</i> , 2011, 117, 4273-4283.	0.6	121
28	A natural mutation in the Tyk2 pseudokinase domain underlies altered susceptibility of B10.Q/J mice to infection and autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11594-11599.	3.3	120
29	Tristetraprolin-driven regulatory circuit controls quality and timing of mRNA decay in inflammation. <i>Molecular Systems Biology</i> , 2011, 7, 560.	3.2	110
30	Intestinal Microbiota Signatures Associated with Inflammation History in Mice Experiencing Recurring Colitis. <i>Frontiers in Microbiology</i> , 2015, 6, 1408.	1.5	106
31	UME6 is a crucial downstream target of other transcriptional regulators of true hyphal development in <i>Candida albicans</i> . <i>FEMS Yeast Research</i> , 2009, 9, 126-142.	1.1	104
32	Conventional Dendritic Cells Mount a Type I IFN Response against <i>Candida</i> spp. Requiring Novel Phagosomal TLR7-Mediated IFN- γ Signaling. <i>Journal of Immunology</i> , 2011, 186, 3104-3112.	0.4	104
33	Stat5 activation enables erythropoiesis in the absence of EpoR and Jak2. <i>Blood</i> , 2008, 111, 4511-4522.	0.6	101
34	Tristetraprolin Is Required for Full Anti-Inflammatory Response of Murine Macrophages to IL-10. <i>Journal of Immunology</i> , 2009, 183, 1197-1206.	0.4	96
35	Characterization of the Interferon-Producing Cell in Mice Infected with <i>Listeria monocytogenes</i> . <i>PLoS Pathogens</i> , 2009, 5, e1000355.	2.1	94
36	Loss of STAT3 in murine NK cells enhances NK cell-dependent tumor surveillance. <i>Blood</i> , 2014, 124, 2370-2379.	0.6	90

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37	Type I Interferon Signaling Prevents IL-1 β -Driven Lethal Systemic Hyperinflammation during Invasive Bacterial Infection of Soft Tissue. <i>Cell Host and Microbe</i> , 2016, 19, 375-387.	5.1	88
38	Tyrosinase gene variants in different rabbit strains. <i>Mammalian Genome</i> , 2000, 11, 700-702.	1.0	86
39	Tyrosine kinase 2 (TYK2) in cytokine signalling and host immunity. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 3224.	3.0	85
40	A Mammary-Specific Promoter Directs Expression of Growth Hormone not only to the Mammary Gland, but also to Bergman Glia Cells in Transgenic Mice. <i>Molecular Endocrinology</i> , 1991, 5, 123-133.	3.7	83
41	STAT1 Signaling within Macrophages Is Required for Antifungal Activity against <i>Cryptococcus neoformans</i> . <i>Infection and Immunity</i> , 2015, 83, 4513-4527.	1.0	80
42	Transgenic pigs carrying cDNA copies encoding the murine Mx1 protein which confers resistance to influenza virus infection. <i>Gene</i> , 1992, 121, 263-270.	1.0	75
43	The RNA helicase DDX3X is an essential mediator of innate antimicrobial immunity. <i>PLoS Pathogens</i> , 2018, 14, e1007397.	2.1	65
44	Bacterial polyphosphates interfere with the innate host defense to infection. <i>Nature Communications</i> , 2020, 11, 4035.	5.8	65
45	Non-balanced mix of mitochondrial DNA in cloned cattle produced by cytoplasm-blastomere fusion. <i>FEBS Letters</i> , 1998, 426, 357-361.	1.3	62
46	Novel Functions of Tyrosine Kinase 2 in the Antiviral Defense against Murine Cytomegalovirus. <i>Journal of Immunology</i> , 2005, 175, 4000-4008.	0.4	60
47	Composition of parental mitochondrial DNA in cloned bovine embryos. <i>FEBS Letters</i> , 1998, 426, 352-356.	1.3	59
48	Cooperative Transcriptional Activation of Antimicrobial Genes by STAT and NF- κ B Pathways by Concerted Recruitment of the Mediator Complex. <i>Cell Reports</i> , 2015, 12, 300-312.	2.9	58
49	STAT5BN642H is a driver mutation for T cell neoplasia. <i>Journal of Clinical Investigation</i> , 2017, 128, 387-401.	3.9	57
50	From The Cover: Development of a transgenic mouse model susceptible to human coronavirus 229E. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8275-8280.	3.3	54
51	TYK2 Kinase Activity Is Required for Functional Type I Interferon Responses In Vivo. <i>PLoS ONE</i> , 2012, 7, e39141.	1.1	54
52	Cloned transgenic farm animals produce a bispecific antibody for T cell-mediated tumor cell killing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6858-6863.	3.3	53
53	Conditional IFNAR1 ablation reveals distinct requirements of Type I IFN signaling for NK cell maturation and tumor surveillance. <i>Oncotarget</i> , 2012, 1, 1027-1037.	2.1	53
54	Molecular Cloning of Porcine Mx cDNAs: New Members of a Family of Interferon-Inducible Proteins with Homology to GTP-Binding Proteins. <i>Journal of Interferon Research</i> , 1992, 12, 119-129.	1.2	51

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55	TYK2 inhibition reduces type 3 immunity and modifies disease progression in murine spondyloarthritis. <i>Journal of Clinical Investigation</i> , 2020, 130, 1863-1878.	3.9	51
56	Response to interferons and antibacterial innate immunity in the absence of tyrosine-phosphorylated <sc>STAT</sc>. <i>EMBO Reports</i> , 2016, 17, 367-382.	2.0	50
57	TYK2 is a key regulator of the surveillance of B lymphoid tumors. <i>Journal of Clinical Investigation</i> , 2004, 114, 1650-1658.	3.9	50
58	Conditional Stat1 Ablation Reveals the Importance of Interferon Signaling for Immunity to <i>Listeria monocytogenes</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002763.	2.1	49
59	Hepatic growth hormone - JAK2 - STAT5 signalling: Metabolic function, non-alcoholic fatty liver disease and hepatocellular carcinoma progression. <i>Cytokine</i> , 2019, 124, 154569.	1.4	47
60	In vivo footprinting of the IRF-1 promoter: inducible occupation of a GAS element next to a persistent structural alteration of the DNA. <i>Nucleic Acids Research</i> , 1994, 22, 3033-3037.	6.5	46
61	Mitochondrial DNA heteroplasmy in ovine fetuses and sheep cloned by somatic cell nuclear transfer. <i>BMC Developmental Biology</i> , 2007, 7, 141.	2.1	46
62	Tyrosine kinase 2 – Surveillant of tumours and bona fide oncogene. <i>Cytokine</i> , 2017, 89, 209-218.	1.4	45
63	Stable production of human insulin-like growth factor 1 (IGF-1) in the milk of hemi- and homozygous transgenic rabbits over several generations. <i>Transgenic Research</i> , 1998, 7, 437-447.	1.3	44
64	Pronounced Segregation of Donor Mitochondria Introduced by Bovine Ooplasmic Transfer to the Female Germ-Line. <i>Biology of Reproduction</i> , 2010, 82, 563-571.	1.2	43
65	Rapid and sensitive detection of enhanced green fluorescent protein expression in paraffin sections by confocal laser scanning microscopy. <i>The Histochemical Journal</i> , 2000, 32, 99-103.	0.6	42
66	Route of Infection Determines the Impact of Type I Interferons on Innate Immunity to <i>Listeria monocytogenes</i> . <i>PLoS ONE</i> , 2013, 8, e65007.	1.1	42
67	Interruption of Macrophage-Derived IL-27(p28) Production by IL-10 during Sepsis Requires STAT3 but Not SOCS3. <i>Journal of Immunology</i> , 2014, 193, 5668-5677.	0.4	42
68	TYK2: An Upstream Kinase of STATs in Cancer. <i>Cancers</i> , 2019, 11, 1728.	1.7	41
69	Type I interferons as mediators of immune adjuvants for T- and B cell-dependent acquired immunity. <i>Vaccine</i> , 2009, 27, G17-G20.	1.7	40
70	Intestinal Epithelial Cell Tyrosine Kinase 2 Transduces IL-22 Signals To Protect from Acute Colitis. <i>Journal of Immunology</i> , 2015, 195, 5011-5024.	0.4	40
71	Dependency on the TYK2/STAT1/MCL1 axis in anaplastic large cell lymphoma. <i>Leukemia</i> , 2019, 33, 696-709.	3.3	40
72	Twins with different personalities: STAT5B – but not STAT5A – has a key role in BCR/ABL-induced leukemia. <i>Leukemia</i> , 2019, 33, 1583-1597.	3.3	40

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73	Putting the brakes on mammary tumorigenesis: Loss of STAT1 predisposes to intraepithelial neoplasias. <i>Oncotarget</i> , 2011, 2, 1043-1054.	0.8	40
74	An Unusual Splice Defect in the Mitofusin 2 Gene (MFN2) Is Associated with Degenerative Axonopathy in Tyrolean Grey Cattle. <i>PLoS ONE</i> , 2011, 6, e18931.	1.1	39
75	Characterization of Porcine Endogenous Retrovirus β pro-pol Nucleotide Sequences. <i>Journal of Virology</i> , 2002, 76, 11738-11743.	1.5	38
76	Cross-Talk Between Interferon- β and Hedgehog Signaling Regulates Adipogenesis. <i>Diabetes</i> , 2011, 60, 1668-1676.	0.3	37
77	Type I IFN are host modulators of strain-specific <i>Listeria monocytogenes</i> virulence. <i>Cellular Microbiology</i> , 2008, 10, 1116-1129.	1.1	34
78	STAT1 β Is Not Dominant Negative and Is Capable of Contributing to Gamma Interferon-Dependent Innate Immunity. <i>Molecular and Cellular Biology</i> , 2014, 34, 2235-2248.	1.1	34
79	Control of <i>Leishmania major</i> in the absence of Tyk2 kinase. <i>European Journal of Immunology</i> , 2004, 34, 519-529.	1.6	32
80	Trypanosomosis: potential driver of selection in African cattle. <i>Frontiers in Genetics</i> , 2015, 6, 137.	1.1	32
81	TYK2 is a key regulator of the surveillance of B lymphoid tumors. <i>Journal of Clinical Investigation</i> , 2004, 114, 1650-1658.	3.9	32
82	Dendritic Cells Require STAT-1 Phosphorylated at Its Transactivating Domain for the Induction of Peptide-Specific CTL. <i>Journal of Immunology</i> , 2009, 183, 2286-2293.	0.4	31
83	The cooperating mutation or "second hit" determines the immunologic visibility toward MYC-induced murine lymphomas. <i>Blood</i> , 2011, 118, 4635-4645.	0.6	30
84	PI3K γ Is Essential for Tumor Clearance Mediated by Cytotoxic T Lymphocytes. <i>PLoS ONE</i> , 2012, 7, e40852.	1.1	30
85	Identification of an Indispensable Role for Tyrosine Kinase 2 in CTL-Mediated Tumor Surveillance. <i>Cancer Research</i> , 2009, 69, 203-211.	0.4	29
86	High-throughput mRNA and miRNA profiling of epithelial-mesenchymal transition in MDCK cells. <i>BMC Genomics</i> , 2015, 16, 944.	1.2	29
87	STAT1 is a sex-specific tumor suppressor in colitis-associated colorectal cancer. <i>Molecular Oncology</i> , 2018, 12, 514-528.	2.1	29
88	p38 β Senses Environmental Stress To Control Innate Immune Responses via Mechanistic Target of Rapamycin. <i>Journal of Immunology</i> , 2013, 190, 1519-1527.	0.4	27
89	In vivo tumor surveillance by NK cells requires TYK2 but not TYK2 kinase activity. <i>OncImmunology</i> , 2015, 4, e1047579.	2.1	27
90	Growth hormone resistance exacerbates cholestasis-induced murine liver fibrosis. <i>Hepatology</i> , 2015, 61, 613-626.	3.6	27

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91	High activation of STAT5A drives peripheral T-cell lymphoma and leukemia. <i>Haematologica</i> , 2020, 105, 435-447.	1.7	27
92	Generation of mice with a conditional Stat1 null allele. <i>Transgenic Research</i> , 2012, 21, 217-224.	1.3	26
93	Microbial communities in dairy processing environment floor-drains are dominated by product-associated bacteria and yeasts. <i>Food Control</i> , 2016, 70, 210-215.	2.8	26
94	IDO1+ Paneth cells promote immune escape of colorectal cancer. <i>Communications Biology</i> , 2020, 3, 252.	2.0	26
95	Tyrosine Kinase 2 Controls IL-1 β Production at the Translational Level. <i>Journal of Immunology</i> , 2010, 185, 3544-3553.	0.4	24
96	Role of Tyk2 in Th9 and Th17 cells in allergic asthma. <i>Scientific Reports</i> , 2014, 4, 5865.	1.6	24
97	Myeloid STAT3 promotes formation of colitis-associated colorectal cancer in mice. <i>Oncolmmunology</i> , 2015, 4, e998529.	2.1	24
98	Characterization of Endogenous Retroviruses in Sheep. <i>Journal of Virology</i> , 2003, 77, 11268-11273.	1.5	23
99	Tyrosine kinase 2 promotes sepsis-associated lethality by facilitating production of interleukin-27. <i>Journal of Leukocyte Biology</i> , 2014, 96, 123-131.	1.5	22
100	PTPN2 elicits cell autonomous and non-cell autonomous effects on antitumor immunity in triple-negative breast cancer. <i>Science Advances</i> , 2022, 8, eabk3338.	4.7	22
101	Nucleotide sequence fo porcine insuline-like growth factor I: 5' untranslated region, exons 1 to 2 and mRNA. <i>Nucleic Acids Research</i> , 1990, 18, 364-364.	6.5	20
102	Contribution of cell culture additives to the two-dimensional protein patterns of mouse macrophages. <i>Electrophoresis</i> , 2006, 27, 1626-1629.	1.3	20
103	Transcriptome analysis reveals a major impact of JAK protein tyrosine kinase 2 (Tyk2) on the expression of interferon-responsive and metabolic genes. <i>BMC Genomics</i> , 2010, 11, 199.	1.2	19
104	The Tyrosine Kinase Btk Regulates the Macrophage Response to <i>Listeria monocytogenes</i> Infection. <i>PLoS ONE</i> , 2013, 8, e60476.	1.1	18
105	Comparative oncology: The paradigmatic example of canine and human mast cell neoplasms. <i>Veterinary and Comparative Oncology</i> , 2019, 17, 1-10.	0.8	18
106	TYK2 in Tumor Immunosurveillance. <i>Cancers</i> , 2020, 12, 150.	1.7	18
107	Interferons reshape the 3D conformation and accessibility of macrophage chromatin. <i>IScience</i> , 2022, 25, 103840.	1.9	18
108	A comparative proteome analysis links tyrosine kinase 2 (Tyk2) to the regulation of cellular glucose and lipid metabolism in response to poly(I:C). <i>Journal of Proteomics</i> , 2011, 74, 2866-2880.	1.2	17

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109	Recombination analysis of human-tropic porcine endogenous retroviruses. <i>Journal of General Virology</i> , 2003, 84, 2729-2734.	1.3	16
110	Conditional ablation of TYK2 in immunity to viral infection and tumor surveillance. <i>Transgenic Research</i> , 2014, 23, 519-529.	1.3	16
111	TYK2 licenses non-canonical inflammasome activation during endotoxemia. <i>Cell Death and Differentiation</i> , 2021, 28, 748-763.	5.0	16
112	Essential role of M1 macrophages in blocking cytokine storm and pathology associated with murine HSV-1 infection. <i>PLoS Pathogens</i> , 2021, 17, e1009999.	2.1	16
113	Intracellular, genetic or congenital immunisation " transgenic approaches to increase disease resistance of farm animals. <i>Journal of Biotechnology</i> , 1996, 44, 233-242.	1.9	15
114	A mouse model to identify cooperating signaling pathways in cancer. <i>Nature Methods</i> , 2012, 9, 897-900.	9.0	15
115	Lactotransferrin-Cre reporter mice trace neutrophils, monocytes/macrophages and distinct subtypes of dendritic cells. <i>Haematologica</i> , 2014, 99, 1006-1015.	1.7	15
116	STAT1 Isoforms Differentially Regulate NK Cell Maturation and Anti-tumor Activity. <i>Frontiers in Immunology</i> , 2020, 11, 2189.	2.2	15
117	Deciphering Host Genotype-Specific Impacts on the Metabolic Fingerprint of <i>Listeria monocytogenes</i> by FTIR Spectroscopy. <i>PLoS ONE</i> , 2014, 9, e115959.	1.1	15
118	Genetic variation in functionally important domains of the bovine mtDNA control region. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998, 1397, 295-304.	2.4	14
119	The anti-inflammatory potency of dexamethasone is determined by the route of application in vivo. <i>Immunology Letters</i> , 2010, 129, 50-52.	1.1	14
120	CD13/aminopeptidase N is a negative regulator of mast cell activation. <i>FASEB Journal</i> , 2016, 30, 2225-2235.	0.2	14
121	The C-Terminal Transactivation Domain of STAT1 Has a Gene-Specific Role in Transactivation and Cofactor Recruitment. <i>Frontiers in Immunology</i> , 2018, 9, 2879.	2.2	14
122	Stable long-term germ-line transmission of transgene integration sites in mice. <i>Transgenic Research</i> , 1999, 8, 1-8.	1.3	13
123	The impact of tyrosine kinase 2 (Tyk2) on the proteome of murine macrophages and their response to lipopolysaccharide (LPS). <i>Proteomics</i> , 2008, 8, 3469-3485.	1.3	13
124	Novel non-canonical role of STAT1 in Natural Killer cell cytotoxicity. <i>Oncolmmunology</i> , 2016, 5, e1186314.	2.1	13
125	NK Cells Require Cell-Extrinsic and -Intrinsic TYK2 for Full Functionality in Tumor Surveillance and Antibacterial Immunity. <i>Journal of Immunology</i> , 2019, 202, 1724-1734.	0.4	13
126	Transgenic offspring by transcaryotic implantation of transgenic ovaries into normal mice. <i>Molecular Reproduction and Development</i> , 1990, 25, 42-44.	1.0	12

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127	Studying Human Pathogens in Animal Models: Fine Tuning the Humanized Mouse. <i>Transgenic Research</i> , 2005, 14, 803-806.	1.3	12
128	Phylogeny, recombination and expression of porcine endogenous retrovirus β 2 nucleotide sequences. <i>Journal of General Virology</i> , 2006, 87, 977-986.	1.3	12
129	Octamer-binding factor 6 (Oct-6/Pou3f1) is induced by interferon and contributes to dsRNA-mediated transcriptional responses. <i>BMC Cell Biology</i> , 2010, 11, 61.	3.0	12
130	Myeloid Cells Restrict MCMV and Drive Stress-Induced Extramedullary Hematopoiesis through STAT1. <i>Cell Reports</i> , 2019, 26, 2394-2406.e5.	2.9	12
131	Single-cell transcriptional profiling of splenic fibroblasts reveals subset-specific innate immune signatures in homeostasis and during viral infection. <i>Communications Biology</i> , 2021, 4, 1355.	2.0	12
132	In Vivo Functional Requirement of the Mouse <i>Irfm1</i> Gene for Germ Cell Development, Interferon Mediated Immune Response and Somitogenesis. <i>PLoS ONE</i> , 2012, 7, e44609.	1.1	11
133	Effects of the mTOR inhibitor everolimus and the PI3K/mTOR inhibitor NVP-BEZ235 in murine acute lung injury models. <i>Transplant Immunology</i> , 2015, 33, 45-50.	0.6	11
134	Tyrosine Kinase 2 Signalling Drives Pathogenic T cells in Colitis. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 617-630.	0.6	11
135	Species-Specific Alternative Splicing of Transgenic RNA in the Mammary Glands of Pigs, Rabbits, and Mice. <i>Biochemical and Biophysical Research Communications</i> , 1999, 257, 843-850.	1.0	10
136	Transfection of epithelial cells is enhanced by combined treatment with mannitol and polyethyleneglycol. <i>Journal of Gene Medicine</i> , 2001, 3, 115-124.	1.4	10
137	Commentary on H. Ide et al., "Tyk2 expression and its signaling enhances the invasiveness of prostate cancer cells". <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 869-870.	1.0	10
138	Inducible, Dose-Adjustable and Time-Restricted Reconstitution of Stat1 Deficiency In Vivo. <i>PLoS ONE</i> , 2014, 9, e86608.	1.1	10
139	A fast detection protocol for screening large numbers of transgenic animals. <i>Nucleic Acids Research</i> , 1989, 17, 6422-6422.	6.5	9
140	TYK2 AND SIGNAL TRANSDUCER AND ACTIVATOR OF TRANSCRIPTION 1 CONTRIBUTE TO INTESTINAL I/R INJURY. <i>Shock</i> , 2008, 29, 238-244.	1.0	9
141	Organ-specific and differential requirement of TYK2 and IFNAR1 for LPS-induced iNOS expression in vivo. <i>Immunobiology</i> , 2008, 212, 863-875.	0.8	8
142	Partial Leptin Receptor Gene Deletion in Transgenic Mice Prevents Expression of the Membrane-Bound Isoforms Except for Ob-Rc. <i>Biochemical and Biophysical Research Communications</i> , 2000, 269, 496-501.	1.0	7
143	Comparative human-mouse-rat sequence analysis of the ICAM gene cluster on HSA 19p13.2 and a 185-kb porcine region from SSC 2q. <i>Gene</i> , 2004, 343, 239-244.	1.0	7
144	Comparing the applicability of CGE-on-chip and SDS-PAGE for fast pre-screening of mouse serum samples prior to proteomics analysis. <i>Electrophoresis</i> , 2008, 29, 4332-4340.	1.3	7

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145	A time- and dose-dependent STAT1 expression system. BMC Biotechnology, 2006, 6, 48.	1.7	6
146	Mammary gland development is delayed in mice deficient for aminopeptidase N. Transgenic Research, 2013, 22, 425-434.	1.3	6
147	Somatic gene transfer into the lactating ovine mammary gland. Journal of Gene Medicine, 2002, 4, 282-291.	1.4	5
148	Reduced body growth and excessive incisor length in insertional mutants mapping to mouse Chromosome 13. Mammalian Genome, 2002, 13, 504-509.	1.0	5
149	Contrasting Obesity Phenotypes Uncovered by Partial Leptin Receptor Gene Deletion in Transgenic Mice. Biochemical and Biophysical Research Communications, 2000, 269, 502-507.	1.0	3
150	Listeria monocytogenes infection rewires host metabolism with regulatory input from type I interferons. PLoS Pathogens, 2021, 17, e1009697.	2.1	3
151	Selective contribution of Tyk2 to cell activation by lipopolysaccharide. FEBS Letters, 2008, 582, 3681-3686.	1.3	2
152	Oncogenic TYK2 ^{P760L} kinase is effectively targeted by combinatorial TYK2, mTOR and CDK4/6 kinase blockade. Haematologica, 2022, , .	1.7	1
153	Transgenic Modification of Production Traits in Farm Animals. , 2006, , 1-26.		0
154	In Vivo Target Validation: Methodology and Case Studies on the Janus Kinase Tyk2. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2007, 6, 29-45.	1.1	0
155	Multifaceted Antiviral Actions of Interferon-stimulated Gene Products. , 2012, , 387-423.		0