

Mathias Mller

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154
papers

8,848
citations

46
h-index

91
g-index

157
ext. papers

10,278
ext. citations

8.5
avg, IF

5.52
L-index

#	Paper	IF	Citations
154	Jak2 deficiency defines an essential developmental checkpoint in definitive hematopoiesis. <i>Cell</i> , 1998 , 93, 397-409	56.2	832
153	The TSC-mTOR signaling pathway regulates the innate inflammatory response. <i>Immunity</i> , 2008 , 29, 565-573	32.3	594
152	The yin and yang of type I interferon activity in bacterial infection. <i>Nature Reviews Immunology</i> , 2005 , 5, 675-87	36.5	365
151	Partial impairment of cytokine responses in Tyk2-deficient mice. <i>Immunity</i> , 2000 , 13, 549-60	32.3	339
150	IFIT1 is an antiviral protein that recognizes 5Triphosphate RNA. <i>Nature Immunology</i> , 2011 , 12, 624-30	19.1	331
149	Central role for type I interferons and Tyk2 in lipopolysaccharide-induced endotoxin shock. <i>Nature Immunology</i> , 2003 , 4, 471-7	19.1	304
148	Phylotype-level 16S rRNA analysis reveals new bacterial indicators of health state in acute murine colitis. <i>ISME Journal</i> , 2012 , 6, 2091-106	11.9	208
147	Phosphorylation of the Stat1 transactivation domain is required for full-fledged IFN-gamma-dependent innate immunity. <i>Immunity</i> , 2003 , 19, 793-802	32.3	196
146	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, 7416-25	5.3	171
145	CDK8 kinase phosphorylates transcription factor STAT1 to selectively regulate the interferon response. <i>Immunity</i> , 2013 , 38, 250-62	32.3	165
144	Canonical and Non-Canonical Aspects of JAK-STAT Signaling: Lessons from Interferons for Cytokine Responses. <i>Frontiers in Immunology</i> , 2017 , 8, 29	8.4	164
143	A novel Ncr1-Cre mouse reveals the essential role of STAT5 for NK-cell survival and development. <i>Blood</i> , 2011 , 117, 1565-73	2.2	159
142	Species-specific regulation of Toll-like receptor 3 genes in men and mice. <i>Journal of Biological Chemistry</i> , 2003 , 278, 21502-9	5.4	152
141	Mitochondrial DNA heteroplasmy in cloned cattle produced by fetal and adult cell cloning. <i>Nature Genetics</i> , 2000 , 25, 255-7	36.3	147
140	Production of type I IFN sensitizes macrophages to cell death induced by <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2002 , 169, 6522-9	5.3	136
139	The good and the bad faces of STAT1 in solid tumours. <i>Cytokine</i> , 2017 , 89, 12-20	4	135
138	Obesity Drives STAT-1-Dependent NASH and STAT-3-Dependent HCC. <i>Cell</i> , 2018 , 175, 1289-1306.e20	56.2	132

137	Interferons limit inflammatory responses by induction of tristetraprolin. <i>Blood</i> , 2006 , 107, 4790-7	2.2	122
136	Longitudinal study of murine microbiota activity and interactions with the host during acute inflammation and recovery. <i>ISME Journal</i> , 2014 , 8, 1101-14	11.9	121
135	Nonconventional initiation complex assembly by STAT and NF-kappaB transcription factors regulates nitric oxide synthase expression. <i>Immunity</i> , 2010 , 33, 25-34	32.3	114
134	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, 11594-9	11.5	109
133	Type I interferons promote fatal immunopathology by regulating inflammatory monocytes and neutrophils during <i>Candida</i> infections. <i>PLoS Pathogens</i> , 2012 , 8, e1002811	7.6	105
132	Aggressive B-cell lymphomas in patients with myelofibrosis receiving JAK1/2 inhibitor therapy. <i>Blood</i> , 2018 , 132, 694-706	2.2	104
131	TYK2-STAT1-BCL2 pathway dependence in T-cell acute lymphoblastic leukemia. <i>Cancer Discovery</i> , 2013 , 3, 564-77	24.4	103
130	Inhibition of mTOR blocks the anti-inflammatory effects of glucocorticoids in myeloid immune cells. <i>Blood</i> , 2011 , 117, 4273-83	2.2	103
129	Lipocalin 2 deactivates macrophages and worsens pneumococcal pneumonia outcomes. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3363-72	15.9	99
128	Implications of STAT3 and STAT5 signaling on gene regulation and chromatin remodeling in hematopoietic cancer. <i>Leukemia</i> , 2018 , 32, 1713-1726	10.7	91
127	Tristetraprolin-driven regulatory circuit controls quality and timing of mRNA decay in inflammation. <i>Molecular Systems Biology</i> , 2011 , 7, 560	12.2	90
126	Characterization of the interferon-producing cell in mice infected with <i>Listeria monocytogenes</i> . <i>PLoS Pathogens</i> , 2009 , 5, e1000355	7.6	90
125	Tristetraprolin is required for full anti-inflammatory response of murine macrophages to IL-10. <i>Journal of Immunology</i> , 2009 , 183, 1197-206	5.3	88
124	Conventional dendritic cells mount a type I IFN response against <i>Candida</i> spp. requiring novel phagosomal TLR7-mediated IFN- β signaling. <i>Journal of Immunology</i> , 2011 , 186, 3104-12	5.3	88
123	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, 126-42	3.1	79
122	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, 123-33		77
121	Stat5 activation enables erythropoiesis in the absence of EpoR and Jak2. <i>Blood</i> , 2008 , 111, 4511-22	2.2	75
120	Intestinal Microbiota Signatures Associated with Inflammation History in Mice Experiencing Recurring Colitis. <i>Frontiers in Microbiology</i> , 2015 , 6, 1408	5.7	67

119	Tyrosine kinase 2 (TYK2) in cytokine signalling and host immunity. <i>Frontiers in Bioscience - Landmark</i> , 2011 , 16, 3214-32	2.8	66
118	Loss of STAT3 in murine NK cells enhances NK cell-dependent tumor surveillance. <i>Blood</i> , 2014 , 124, 2370-9	2.9	65
117	A molecular switch from STAT2-IRF9 to ISGF3 underlies interferon-induced gene transcription. <i>Nature Communications</i> , 2019 , 10, 2921	17.4	60
116	Tyrosinase gene variants in different rabbit strains. <i>Mammalian Genome</i> , 2000 , 11, 700-2	3.2	60
115	Transgenic pigs carrying cDNA copies encoding the murine Mx1 protein which confers resistance to influenza virus infection. <i>Gene</i> , 1992 , 121, 263-70	3.8	60
114	STAT1 signaling within macrophages is required for antifungal activity against <i>Cryptococcus neoformans</i> . <i>Infection and Immunity</i> , 2015 , 83, 4513-27	3.7	57
113	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, 375-87	23.4	56
112	Composition of parental mitochondrial DNA in cloned bovine embryos. <i>FEBS Letters</i> , 1998 , 426, 352-6	3.8	50
111	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, 8275-80	11.5	50
110	Non-balanced mix of mitochondrial DNA in cloned cattle produced by cytoplasm-blastomere fusion. <i>FEBS Letters</i> , 1998 , 426, 357-61	3.8	49
109	Novel functions of tyrosine kinase 2 in the antiviral defense against murine cytomegalovirus. <i>Journal of Immunology</i> , 2005 , 175, 4000-8	5.3	49
108	TYK2 kinase activity is required for functional type I interferon responses in vivo. <i>PLoS ONE</i> , 2012 , 7, e39141	3.7	46
107	TYK2 is a key regulator of the surveillance of B lymphoid tumors. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1650-1658	15.9	46
106	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, 119-29		45
105	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, 6858-63	11.5	44
104	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, 3033-7	20.1	43
103	Conditional Stat1 ablation reveals the importance of interferon signaling for immunity to <i>Listeria monocytogenes</i> infection. <i>PLoS Pathogens</i> , 2012 , 8, e1002763	7.6	42
102	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	7.2	42

101	Pronounced segregation of donor mitochondria introduced by bovine ooplasmic transfer to the female germ-line. <i>Biology of Reproduction</i> , 2010 , 82, 563-71	3.9	39
100	STAT5BN642H is a driver mutation for T cell neoplasia. <i>Journal of Clinical Investigation</i> , 2018 , 128, 387-401	5.9	38
99	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	3.7	38
98	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, 437-47	3.3	37
97	Mitochondrial DNA heteroplasmy in ovine fetuses and sheep cloned by somatic cell nuclear transfer. <i>BMC Developmental Biology</i> , 2007 , 7, 141	3.1	36
96	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		36
95	Putting the brakes on mammary tumorigenesis: loss of STAT1 predisposes to intraepithelial neoplasias. <i>Oncotarget</i> , 2011 , 2, 1043-54	3.3	36
94	Characterization of porcine endogenous retrovirus gamma pro-pol nucleotide sequences. <i>Journal of Virology</i> , 2002 , 76, 11738-43	6.6	35
93	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, 300-12	10.6	34
92	The RNA helicase DDX3X is an essential mediator of innate antimicrobial immunity. <i>PLoS Pathogens</i> , 2018 , 14, e1007397	7.6	34
91	Intestinal Epithelial Cell Tyrosine Kinase 2 Transduces IL-22 Signals To Protect from Acute Colitis. <i>Journal of Immunology</i> , 2015 , 195, 5011-24	5.3	33
90	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	3.7	33
89	Type I interferons as mediators of immune adjuvants for T- and B cell-dependent acquired immunity. <i>Vaccine</i> , 2009 , 27 Suppl 6, G17-20	4.1	33
88	Response to interferons and antibacterial innate immunity in the absence of tyrosine-phosphorylated STAT1. <i>EMBO Reports</i> , 2016 , 17, 367-82	6.5	33
87	Cross-talk between interferon- β and hedgehog signaling regulates adipogenesis. <i>Diabetes</i> , 2011 , 60, 1668-76	0.9	31
86	Type I IFN are host modulators of strain-specific <i>Listeria monocytogenes</i> virulence. <i>Cellular Microbiology</i> , 2008 , 10, 1116-29	3.9	31
85	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, 5668-77	5.3	30
84	Dendritic cells require STAT-1 phosphorylated at its transactivating domain for the induction of peptide-specific CTL. <i>Journal of Immunology</i> , 2009 , 183, 2286-93	5.3	30

83	Control of <i>Leishmania major</i> in the absence of Tyk2 kinase. <i>European Journal of Immunology</i> , 2004 , 34, 519-29	6.1	30
82	Tyrosine kinase 2 - Surveillant of tumours and bona fide oncogene. <i>Cytokine</i> , 2017 , 89, 209-218	4	29
81	PI3Ks essential for tumor clearance mediated by cytotoxic T lymphocytes. <i>PLoS ONE</i> , 2012 , 7, e40852	3.7	29
80	TYK2 inhibition reduces type 3 immunity and modifies disease progression in murine spondyloarthritis. <i>Journal of Clinical Investigation</i> , 2020 , 130, 1863-1878	15.9	29
79	TYK2 is a key regulator of the surveillance of B lymphoid tumors. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1650-8	15.9	27
78	Dependency on the TYK2/STAT1/MCL1 axis in anaplastic large cell lymphoma. <i>Leukemia</i> , 2019 , 33, 696-700	10.7	25
77	p38 β senses environmental stress to control innate immune responses via mechanistic target of rapamycin. <i>Journal of Immunology</i> , 2013 , 190, 1519-27	5.3	25
76	Twins with different personalities: STAT5B-but not STAT5A-has a key role in BCR/ABL-induced leukemia. <i>Leukemia</i> , 2019 , 33, 1583-1597	10.7	24
75	tumor surveillance by NK cells requires TYK2 but not TYK2 kinase activity. <i>Oncotarget</i> , 2015 , 4, e1047579	7.2	24
74	TYK2: An Upstream Kinase of STATs in Cancer. <i>Cancers</i> , 2019 , 11,	6.6	24
73	STAT1 is not dominant negative and is capable of contributing to gamma interferon-dependent innate immunity. <i>Molecular and Cellular Biology</i> , 2014 , 34, 2235-48	4.8	24
72	Growth hormone resistance exacerbates cholestasis-induced murine liver fibrosis. <i>Hepatology</i> , 2015 , 61, 613-26	11.2	22
71	The cooperating mutation or "second hit" determines the immunologic visibility toward MYC-induced murine lymphomas. <i>Blood</i> , 2011 , 118, 4635-45	2.2	22
70	Tyrosine kinase 2 controls IL-1 β production at the translational level. <i>Journal of Immunology</i> , 2010 , 185, 3544-53	5.3	22
69	Identification of an indispensable role for tyrosine kinase 2 in CTL-mediated tumor surveillance. <i>Cancer Research</i> , 2009 , 69, 203-11	10.1	22
68	Bacterial polyphosphates interfere with the innate host defense to infection. <i>Nature Communications</i> , 2020 , 11, 4035	17.4	22
67	Trypanosomosis: potential driver of selection in African cattle. <i>Frontiers in Genetics</i> , 2015 , 6, 137	4.5	21
66	Hepatic growth hormone - JAK2 - STAT5 signalling: Metabolic function, non-alcoholic fatty liver disease and hepatocellular carcinoma progression. <i>Cytokine</i> , 2019 , 124, 154569	4	21

65	Myeloid promotes formation of colitis-associated colorectal cancer in mice. <i>OncImmunology</i> , 2015 , 4, e998529	7.2	19
64	Generation of mice with a conditional Stat1 null allele. <i>Transgenic Research</i> , 2012 , 21, 217-24	3.3	19
63	Contribution of cell culture additives to the two-dimensional protein patterns of mouse macrophages. <i>Electrophoresis</i> , 2006 , 27, 1626-9	3.6	19
62	STAT1 is a sex-specific tumor suppressor in colitis-associated colorectal cancer. <i>Molecular Oncology</i> , 2018 , 12, 514-528	7.9	18
61	Microbial communities in dairy processing environment floor-drains are dominated by product-associated bacteria and yeasts. <i>Food Control</i> , 2016 , 70, 210-215	6.2	18
60	Tyrosine kinase 2 promotes sepsis-associated lethality by facilitating production of interleukin-27. <i>Journal of Leukocyte Biology</i> , 2014 , 96, 123-31	6.5	18
59	Characterization of endogenous retroviruses in sheep. <i>Journal of Virology</i> , 2003 , 77, 11268-73	6.6	18
58	Nucleotide sequence of porcine insulin-like growth factor. 1:5Untranslated region, exons 1 and 2 and mRNA. <i>Nucleic Acids Research</i> , 1990 , 18, 364	20.1	18
57	Role of Tyk-2 in Th9 and Th17 cells in allergic asthma. <i>Scientific Reports</i> , 2014 , 4, 5865	4.9	16
56	High-throughput mRNA and miRNA profiling of epithelial-mesenchymal transition in MDCK cells. <i>BMC Genomics</i> , 2015 , 16, 944	4.5	16
55	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	4.5	16
54	Conditional ablation of TYK2 in immunity to viral infection and tumor surveillance. <i>Transgenic Research</i> , 2014 , 23, 519-29	3.3	14
53	A mouse model to identify cooperating signaling pathways in cancer. <i>Nature Methods</i> , 2012 , 9, 897-900	21.6	14
52	Recombination analysis of human-tropic porcine endogenous retroviruses. <i>Journal of General Virology</i> , 2003 , 84, 2729-2734	4.9	14
51	Deciphering host genotype-specific impacts on the metabolic fingerprint of <i>Listeria monocytogenes</i> by FTIR spectroscopy. <i>PLoS ONE</i> , 2014 , 9, e115959	3.7	14
50	The tyrosine kinase Btk regulates the macrophage response to <i>Listeria monocytogenes</i> infection. <i>PLoS ONE</i> , 2013 , 8, e60476	3.7	13
49	The anti-inflammatory potency of dexamethasone is determined by the route of application in vivo. <i>Immunology Letters</i> , 2010 , 129, 50-2	4.1	13
48	The impact of tyrosine kinase 2 (Tyk2) on the proteome of murine macrophages and their response to lipopolysaccharide (LPS). <i>Proteomics</i> , 2008 , 8, 3469-85	4.8	13

47	IDO1 Paneth cells promote immune escape of colorectal cancer. <i>Communications Biology</i> , 2020 , 3, 252	6.7	13
46	High activation of STAT5A drives peripheral T-cell lymphoma and leukemia. <i>Haematologica</i> , 2020 , 105, 435-447	6.6	13
45	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, 2866-80	3.9	12
44	Studying human pathogens in animal models: fine tuning the humanized mouse. <i>Transgenic Research</i> , 2005 , 14, 803-6	3.3	12
43	Comparative oncology: The paradigmatic example of canine and human mast cell neoplasms. <i>Veterinary and Comparative Oncology</i> , 2019 , 17, 1-10	2.5	11
42	Lactotransferrin-Cre reporter mice trace neutrophils, monocytes/macrophages and distinct subtypes of dendritic cells. <i>Haematologica</i> , 2014 , 99, 1006-15	6.6	11
41	Phylogeny, recombination and expression of porcine endogenous retrovirus gamma2 nucleotide sequences. <i>Journal of General Virology</i> , 2006 , 87, 977-986	4.9	11
40	Stable long-term germ-line transmission of transgene integration sites in mice. <i>Transgenic Research</i> , 1999 , 8, 1-8	3.3	11
39	Intracellular, genetic or congenital immunisation--transgenic approaches to increase disease resistance of farm animals. <i>Journal of Biotechnology</i> , 1996 , 44, 233-42	3.7	11
38	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		10
37	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, 843-50	3.4	10
36	Transgenic offspring by transcaryotic implantation of transgenic ovaries into normal mice. <i>Molecular Reproduction and Development</i> , 1990 , 25, 42-4	2.6	10
35	Novel non-canonical role of STAT1 in Natural Killer cell cytotoxicity. <i>Oncotarget</i> , 2016 , 5, e118631	4.2	10
34	In vivo functional requirement of the mouse Ifitm1 gene for germ cell development, interferon mediated immune response and somitogenesis. <i>PLoS ONE</i> , 2012 , 7, e44609	3.7	9
33	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, 869-70	3.4	9
32	Transfection of epithelial cells is enhanced by combined treatment with mannitol and polyethyleneglycol. <i>Journal of Gene Medicine</i> , 2001 , 3, 115-24	3.5	9
31	A fast detection protocol for screening large numbers of transgenic animals. <i>Nucleic Acids Research</i> , 1989 , 17, 6422	20.1	9
30	Tyk2 and signal transducer and activator of transcription 1 contribute to intestinal I/R injury. <i>Shock</i> , 2008 , 29, 238-44	3.4	9

29	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	1.7	8
28	TYK2 in Tumor Immunosurveillance. <i>Cancers</i> , 2020 , 12,	6.6	8
27	CD13/aminopeptidase N is a negative regulator of mast cell activation. <i>FASEB Journal</i> , 2016 , 30, 2225-350.9	0.9	8
26	Organ-specific and differential requirement of TYK2 and IFNAR1 for LPS-induced iNOS expression in vivo. <i>Immunobiology</i> , 2007 , 212, 863-75	3.4	8
25	Inducible, dose-adjustable and time-restricted reconstitution of STAT1 deficiency in vivo. <i>PLoS ONE</i> , 2014 , 9, e86608	3.7	7
24	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		7
23	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	3.4	7
22	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	5.3	6
21	Comparing the applicability of CGE-on-the-chip and SDS-PAGE for fast pre-screening of mouse serum samples prior to proteomics analysis. <i>Electrophoresis</i> , 2008 , 29, 4332-40	3.6	6
20	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, 239-44	3.8	6
19	Tyrosine Kinase 2 Signalling Drives Pathogenic T cells in Colitis. <i>Journal of Crohn's and Colitis</i> , 2021 , 15, 617-630	1.5	6
18	Mammary gland development is delayed in mice deficient for aminopeptidase N. <i>Transgenic Research</i> , 2013 , 22, 425-34	3.3	5
17	STAT1 Isoforms Differentially Regulate NK Cell Maturation and Anti-tumor Activity. <i>Frontiers in Immunology</i> , 2020 , 11, 2189	8.4	5
16	TYK2 licenses non-canonical inflammasome activation during endotoxemia. <i>Cell Death and Differentiation</i> , 2021 , 28, 748-763	12.7	5
15	A time- and dose-dependent STAT1 expression system. <i>BMC Biotechnology</i> , 2006 , 6, 48	3.5	4
14	Somatic gene transfer into the lactating ovine mammary gland. <i>Journal of Gene Medicine</i> , 2002 , 4, 282-91.5	0.5	4
13	Reduced body growth and excessive incisor length in insertional mutants mapping to mouse Chromosome 13. <i>Mammalian Genome</i> , 2002 , 13, 504-9	3.2	4
12	Essential role of M1 macrophages in blocking cytokine storm and pathology associated with murine HSV-1 infection. <i>PLoS Pathogens</i> , 2021 , 17, e1009999	7.6	4

11	Contrasting obesity phenotypes uncovered by partial leptin receptor gene deletion in transgenic mice. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 269, 502-7	3.4	3
10	Interferons reshape the 3D conformation and accessibility of macrophage chromatin.. <i>IScience</i> , 2022 , 25, 103840	6.1	3
9	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	8.4	3
8	Selective contribution of Tyk2 to cell activation by lipopolysaccharide. <i>FEBS Letters</i> , 2008 , 582, 3681-6	3.8	2
7	Myeloid Cells Restrict MCMV and Drive Stress-Induced Extramedullary Hematopoiesis through STAT1. <i>Cell Reports</i> , 2019 , 26, 2394-2406.e5	10.6	2
6	The Continuing Fascination with Jaks and Stats: An Introduction 2012 , 1-4		1
5	Listeria monocytogenes infection rewires host metabolism with regulatory input from type I interferons. <i>PLoS Pathogens</i> , 2021 , 17, e1009697	7.6	1
4	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	6.7	1
3	PTPN2 elicits cell autonomous and non-cell autonomous effects on antitumor immunity in triple-negative breast cancer.. <i>Science Advances</i> , 2022 , 8, eabk3338	14.3	0
2	Multifaceted Antiviral Actions of Interferon-stimulated Gene Products 2012 , 387-423		
1	Transgenic Modification of Production Traits in Farm Animals 2006 , 1-26		