

David A Hume

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

397
papers

41,126
citations

97
h-index

195
g-index

423
ext. papers

48,536
ext. citations

8.1
avg, IF

7.21
L-index

#	Paper	IF	Citations
397	Interferon-gamma: an overview of signals, mechanisms and functions. <i>Journal of Leukocyte Biology</i> , 2004 , 75, 163-89	6.5	2688
396	Fate mapping reveals origins and dynamics of monocytes and tissue macrophages under homeostasis. <i>Immunity</i> , 2013 , 38, 79-91	32.3	1804
395	An atlas of active enhancers across human cell types and tissues. <i>Nature</i> , 2014 , 507, 455-461	50.4	1595
394	Antisense transcription in the mammalian transcriptome. <i>Science</i> , 2005 , 309, 1564-6	33.3	1354
393	Analysis of the mouse transcriptome based on functional annotation of 60,770 full-length cDNAs. <i>Nature</i> , 2002 , 420, 563-73	50.4	1350
392	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014 , 507, 462-70	50.4	1301
391	Genome-wide analysis of mammalian promoter architecture and evolution. <i>Nature Genetics</i> , 2006 , 38, 626-35	36.3	1021
390	Immunohistochemical localization of macrophages and microglia in the adult and developing mouse brain. <i>Neuroscience</i> , 1985 , 15, 313-26	3.9	783
389	HIN-200 proteins regulate caspase activation in response to foreign cytoplasmic DNA. <i>Science</i> , 2009 , 323, 1057-60	33.3	659
388	Endotoxin signal transduction in macrophages. <i>Journal of Leukocyte Biology</i> , 1996 , 60, 8-26	6.5	605
387	The regulated retrotransposon transcriptome of mammalian cells. <i>Nature Genetics</i> , 2009 , 41, 563-71	36.3	601
386	Functional annotation of a full-length mouse cDNA collection. <i>Nature</i> , 2001 , 409, 685-90	50.4	560
385	An atlas of combinatorial transcriptional regulation in mouse and man. <i>Cell</i> , 2010 , 140, 744-52	56.2	555
384	IFITM3 restricts the morbidity and mortality associated with influenza. <i>Nature</i> , 2012 , 484, 519-23	50.4	537
383	Somatic retrotransposition alters the genetic landscape of the human brain. <i>Nature</i> , 2011 , 479, 534-7	50.4	519
382	A macrophage colony-stimulating factor receptor-green fluorescent protein transgene is expressed throughout the mononuclear phagocyte system of the mouse. <i>Blood</i> , 2003 , 101, 1155-63	2.2	506
381	Osteal tissue macrophages are intercalated throughout human and mouse bone lining tissues and regulate osteoblast function in vitro and in vivo. <i>Journal of Immunology</i> , 2008 , 181, 1232-44	5.3	473

380	The mononuclear phagocyte system. <i>Current Opinion in Immunology</i> , 2006 , 18, 49-53	7.8	450
379	Unravelling mononuclear phagocyte heterogeneity. <i>Nature Reviews Immunology</i> , 2010 , 10, 453-60	36.5	421
378	Therapeutic applications of macrophage colony-stimulating factor-1 (CSF-1) and antagonists of CSF-1 receptor (CSF-1R) signaling. <i>Blood</i> , 2012 , 119, 1810-20	2.2	418
377	Experimental validation of the regulated expression of large numbers of non-coding RNAs from the mouse genome. <i>Genome Research</i> , 2006 , 16, 11-9	9.7	407
376	Mammalian RNA polymerase II core promoters: insights from genome-wide studies. <i>Nature Reviews Genetics</i> , 2007 , 8, 424-36	30.1	394
375	Macrophages as APC and the dendritic cell myth. <i>Journal of Immunology</i> , 2008 , 181, 5829-35	5.3	392
374	Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. <i>Science</i> , 2015 , 347, 1010-4	33.3	384
373	The transcriptional network that controls growth arrest and differentiation in a human myeloid leukemia cell line. <i>Nature Genetics</i> , 2009 , 41, 553-62	36.3	356
372	The mononuclear phagocyte system of the mouse defined by immunohistochemical localization of antigen F4/80. Relationship between macrophages, Langerhans cells, reticular cells, and dendritic cells in lymphoid and hematopoietic organs. <i>Journal of Experimental Medicine</i> , 1983 , 158, 1522-36	16.6	353
371	The macrophage-inducible C-type lectin, mincle, is an essential component of the innate immune response to <i>Candida albicans</i> . <i>Journal of Immunology</i> , 2008 , 180, 7404-13	5.3	331
370	Expression analysis of G Protein-Coupled Receptors in mouse macrophages. <i>Immunome Research</i> , 2008 , 4, 5		328
369	An antibody against the colony-stimulating factor 1 receptor depletes the resident subset of monocytes and tissue- and tumor-associated macrophages but does not inhibit inflammation. <i>Blood</i> , 2010 , 116, 3955-63	2.2	322
368	Ras-mediated phosphorylation of a conserved threonine residue enhances the transactivation activities of c-Ets1 and c-Ets2. <i>Molecular and Cellular Biology</i> , 1996 , 16, 538-47	4.8	310
367	CX3CR1+ CD115+ CD135+ common macrophage/DC precursors and the role of CX3CR1 in their response to inflammation. <i>Journal of Experimental Medicine</i> , 2009 , 206, 595-606	16.6	309
366	Osteal macrophages promote in vivo intramembranous bone healing in a mouse tibial injury model. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1517-32	6.3	303
365	Tiny RNAs associated with transcription start sites in animals. <i>Nature Genetics</i> , 2009 , 41, 572-8	36.3	302
364	Apoptotic cell removal in development and tissue homeostasis. <i>Trends in Immunology</i> , 2006 , 27, 244-50	14.4	298
363	Dengue virus NS1 protein activates cells via Toll-like receptor 4 and disrupts endothelial cell monolayer integrity. <i>Science Translational Medicine</i> , 2015 , 7, 304ra142	17.5	288

362	IL-4 directly signals tissue-resident macrophages to proliferate beyond homeostatic levels controlled by CSF-1. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2477-91	16.6	269
361	The mononuclear phagocyte system revisited. <i>Journal of Leukocyte Biology</i> , 2002 , 72, 621-7	6.5	244
360	Signal integration between IFNgamma and TLR signalling pathways in macrophages. <i>Immunobiology</i> , 2006 , 211, 511-24	3.4	236
359	Macrophage therapy for murine liver fibrosis recruits host effector cells improving fibrosis, regeneration, and function. <i>Hepatology</i> , 2011 , 53, 2003-15	11.2	226
358	Conservation and divergence in Toll-like receptor 4-regulated gene expression in primary human versus mouse macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E944-53	11.5	212
357	Induction of microRNAs, mir-155, mir-222, mir-424 and mir-503, promotes monocytic differentiation through combinatorial regulation. <i>Leukemia</i> , 2010 , 24, 460-6	10.7	205
356	LPS regulates proinflammatory gene expression in macrophages by altering histone deacetylase expression. <i>FASEB Journal</i> , 2006 , 20, 1315-27	0.9	182
355	The Many Alternative Faces of Macrophage Activation. <i>Frontiers in Immunology</i> , 2015 , 6, 370	8.4	181
354	Characterisation and trophic functions of murine embryonic macrophages based upon the use of a Csf1r-EGFP transgene reporter. <i>Developmental Biology</i> , 2007 , 308, 232-46	3.1	173
353	Probability in transcriptional regulation and its implications for leukocyte differentiation and inducible gene expression. <i>Blood</i> , 2000 , 96, 2323-2328	2.2	173
352	An expression atlas of human primary cells: inference of gene function from coexpression networks. <i>BMC Genomics</i> , 2013 , 14, 632	4.5	171
351	Structure, function, and regulation of tartrate-resistant acid phosphatase. <i>Bone</i> , 2000 , 27, 575-84	4.7	171
350	Mononuclear phagocyte system of the mouse defined by immunohistochemical localization of antigen F4/80. Identification of resident macrophages in renal medullary and cortical interstitium and the juxtglomerular complex. <i>Journal of Experimental Medicine</i> , 1983 , 157, 1704-9	16.6	168
349	A novel mouse model of inflammatory bowel disease links mammalian target of rapamycin-dependent hyperproliferation of colonic epithelium to inflammation-associated tumorigenesis. <i>American Journal of Pathology</i> , 2010 , 176, 952-67	5.8	167
348	Differentiation and heterogeneity in the mononuclear phagocyte system. <i>Mucosal Immunology</i> , 2008 , 1, 432-41	9.2	166
347	The molecular basis for the lack of immunostimulatory activity of vertebrate DNA. <i>Journal of Immunology</i> , 2003 , 170, 3614-20	5.3	153
346	Crystal structure of mammalian purple acid phosphatase. <i>Structure</i> , 1999 , 7, 757-67	5.2	152
345	The colony-stimulating factor 1 receptor is expressed on dendritic cells during differentiation and regulates their expansion. <i>Journal of Immunology</i> , 2005 , 175, 1399-405	5.3	151

344	Gpnmb is induced in macrophages by IFN-gamma and lipopolysaccharide and acts as a feedback regulator of proinflammatory responses. <i>Journal of Immunology</i> , 2007 , 178, 6557-66	5.3	148
343	Impact of alternative initiation, splicing, and termination on the diversity of the mRNA transcripts encoded by the mouse transcriptome. <i>Genome Research</i> , 2003 , 13, 1290-300	9.7	148
342	Osteal macrophages: a new twist on coupling during bone dynamics. <i>Bone</i> , 2008 , 43, 976-82	4.7	143
341	The mononuclear phagocyte system of the mouse defined by immunohistochemical localisation of antigen F4/80: macrophages associated with epithelia. <i>The Anatomical Record</i> , 1984 , 210, 503-12		143
340	Differential effects of selective HDAC inhibitors on macrophage inflammatory responses to the Toll-like receptor 4 agonist LPS. <i>Journal of Leukocyte Biology</i> , 2010 , 87, 1103-14	6.5	142
339	Targeting a complex transcriptome: the construction of the mouse full-length cDNA encyclopedia. <i>Genome Research</i> , 2003 , 13, 1273-89	9.7	141
338	Histone deacetylase inhibitors decrease Toll-like receptor-mediated activation of proinflammatory gene expression by impairing transcription factor recruitment. <i>Immunology</i> , 2007 , 122, 596-606	7.8	138
337	Transcript annotation in FANTOM3: mouse gene catalog based on physical cDNAs. <i>PLoS Genetics</i> , 2006 , 2, e62	6	138
336	Pivotal Advance: Avian colony-stimulating factor 1 (CSF-1), interleukin-34 (IL-34), and CSF-1 receptor genes and gene products. <i>Journal of Leukocyte Biology</i> , 2010 , 87, 753-64	6.5	136
335	The mononuclear phagocyte system of the pig as a model for understanding human innate immunity and disease. <i>Journal of Leukocyte Biology</i> , 2011 , 89, 855-71	6.5	136
334	Differentiation of the Mononuclear Phagocyte System During Mouse Embryogenesis: The Role of Transcription Factor PU.1. <i>Blood</i> , 1999 , 94, 127-138	2.2	129
333	Structural and functional annotation of the porcine immunome. <i>BMC Genomics</i> , 2013 , 14, 332	4.5	128
332	Aerobic glycolysis and lymphocyte transformation. <i>Biochemical Journal</i> , 1978 , 174, 703-9	3.8	128
331	Transgenic mice overexpressing tartrate-resistant acid phosphatase exhibit an increased rate of bone turnover. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 103-10	6.3	127
330	Exome Sequencing: Current and Future Perspectives. <i>G3: Genes, Genomes, Genetics</i> , 2015 , 5, 1543-50	3.2	125
329	Identification of mammalian-like purple acid phosphatases in a wide range of plants. <i>Gene</i> , 2000 , 250, 117-25	3.8	125
328	Homeostasis in the mononuclear phagocyte system. <i>Trends in Immunology</i> , 2014 , 35, 358-67	14.4	124
327	Mouse neutrophilic granulocytes express mRNA encoding the macrophage colony-stimulating factor receptor (CSF-1R) as well as many other macrophage-specific transcripts and can transdifferentiate into macrophages in vitro in response to CSF-1. <i>Journal of Leukocyte Biology</i> , 2007 , 82, 111-23	6.5	124

326	Renal structural and functional repair in a mouse model of reversal of ureteral obstruction. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 3623-30	12.7	124
325	Probing the S100 protein family through genomic and functional analysis. <i>Genomics</i> , 2004 , 84, 10-22	4.3	121
324	Origins and functions of phagocytes in the embryo. <i>Experimental Hematology</i> , 2000 , 28, 601-11	3.1	121
323	Identification of putative noncoding RNAs among the RIKEN mouse full-length cDNA collection. <i>Genome Research</i> , 2003 , 13, 1301-6	9.7	119
322	Syntaxin 6 and Vti1b form a novel SNARE complex, which is up-regulated in activated macrophages to facilitate exocytosis of tumor necrosis Factor-alpha. <i>Journal of Biological Chemistry</i> , 2005 , 280, 10478-83	5.4	119
321	A gene expression atlas of the domestic pig. <i>BMC Biology</i> , 2012 , 10, 90	7.3	116
320	Applications of myeloid-specific promoters in transgenic mice support in vivo imaging and functional genomics but do not support the concept of distinct macrophage and dendritic cell lineages or roles in immunity. <i>Journal of Leukocyte Biology</i> , 2011 , 89, 525-38	6.5	116
319	Regulation of urokinase-type plasminogen activator gene transcription by macrophage colony-stimulating factor. <i>Molecular and Cellular Biology</i> , 1995 , 15, 3430-41	4.8	116
318	Cutting edge: species-specific TLR9-mediated recognition of CpG and non-CpG phosphorothioate-modified oligonucleotides. <i>Journal of Immunology</i> , 2005 , 174, 605-8	5.3	115
317	Colony-stimulating factor-1 promotes kidney growth and repair via alteration of macrophage responses. <i>American Journal of Pathology</i> , 2011 , 179, 1243-56	5.8	113
316	Rasputin, more promiscuous than ever: a review of G3BP. <i>International Journal of Developmental Biology</i> , 2004 , 48, 1065-77	1.9	113
315	CSF1 Restores Innate Immunity After Liver Injury in Mice and Serum Levels Indicate Outcomes of Patients With Acute Liver Failure. <i>Gastroenterology</i> , 2015 , 149, 1896-1909.e14	13.3	112
314	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. <i>Immunity</i> , 2018 , 49, 312-325.e5	32.3	110
313	Genetic control of the innate immune response. <i>BMC Immunology</i> , 2003 , 4, 5	3.7	109
312	Phosphorothioate backbone modification modulates macrophage activation by CpG DNA. <i>Journal of Immunology</i> , 2000 , 165, 4165-73	5.3	108
311	Opposing actions of c-ets/PU.1 and c-myb protooncogene products in regulating the macrophage-specific promoters of the human and mouse colony-stimulating factor-1 receptor (c-fms) genes. <i>Journal of Experimental Medicine</i> , 1994 , 180, 2309-19	16.6	105
310	Transcriptional network dynamics in macrophage activation. <i>Genomics</i> , 2006 , 88, 133-42	4.3	104
309	Transcription of individual genes in eukaryotic cells occurs randomly and infrequently. <i>Immunology and Cell Biology</i> , 1994 , 72, 177-85	5	104

308	The microphthalmia transcription factor regulates expression of the tartrate-resistant acid phosphatase gene during terminal differentiation of osteoclasts. <i>Journal of Bone and Mineral Research</i> , 2000 , 15, 451-60	6.3	103
307	Transcription factor complex formation and chromatin fine structure alterations at the murine c-fms (CSF-1 receptor) locus during maturation of myeloid precursor cells. <i>Genes and Development</i> , 2002 , 16, 1721-37	12.6	103
306	S100A8: emerging functions and regulation. <i>Journal of Leukocyte Biology</i> , 1999 , 66, 549-56	6.5	103
305	Replicable and Coupled Changes in Innate and Adaptive Immune Gene Expression in Two Case-Control Studies of Blood Microarrays in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2018 , 83, 70-80	7.9	102
304	Transcription and enhancer profiling in human monocyte subsets. <i>Blood</i> , 2014 , 123, e90-9	2.2	101
303	Electroporation and DNA-dependent cell death in murine macrophages. <i>Immunology and Cell Biology</i> , 1993 , 71 (Pt 2), 75-85	5	100
302	Pig bone marrow-derived macrophages resemble human macrophages in their response to bacterial lipopolysaccharide. <i>Journal of Immunology</i> , 2012 , 188, 3382-94	5.3	98
301	Genetic and physical interactions between Microphthalmia transcription factor and PU.1 are necessary for osteoclast gene expression and differentiation. <i>Journal of Biological Chemistry</i> , 2001 , 276, 36703-10	5.4	98
300	Macrophages exposed continuously to lipopolysaccharide and other agonists that act via toll-like receptors exhibit a sustained and additive activation state. <i>BMC Immunology</i> , 2001 , 2, 11	3.7	93
299	Persistent activation of mitogen-activated protein kinases p42 and p44 and ets-2 phosphorylation in response to colony-stimulating factor 1/c-fms signaling. <i>Molecular and Cellular Biology</i> , 1998 , 18, 5148-56	4.8	92
298	The JNK are important for development and survival of macrophages. <i>Journal of Immunology</i> , 2006 , 176, 2219-28	5.3	91
297	Deletion of a Csf1r enhancer selectively impacts CSF1R expression and development of tissue macrophage populations. <i>Nature Communications</i> , 2019 , 10, 3215	17.4	90
296	CAT2-mediated l-arginine transport and nitric oxide production in activated macrophages. <i>Biochemical Journal</i> , 1999 , 340, 549-553	3.8	89
295	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017 , 4, 170112	8.2	88
294	Histone deacetylase inhibitor reduces monocyte adhesion to endothelium through the suppression of vascular cell adhesion molecule-1 expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 2652-9	9.4	88
293	The Mononuclear Phagocyte System: The Relationship between Monocytes and Macrophages. <i>Trends in Immunology</i> , 2019 , 40, 98-112	14.4	88
292	Localization and post-Golgi trafficking of tumor necrosis factor-alpha in macrophages. <i>Journal of Interferon and Cytokine Research</i> , 2000 , 20, 427-38	3.5	87
291	The role of CSF1R-dependent macrophages in control of the intestinal stem-cell niche. <i>Nature Communications</i> , 2018 , 9, 1272	17.4	86

290	Colony-stimulating factor-1 suppresses responses to CpG DNA and expression of toll-like receptor 9 but enhances responses to lipopolysaccharide in murine macrophages. <i>Journal of Immunology</i> , 2002 , 168, 392-9	5.3	85
289	Generation of diversity in the innate immune system: macrophage heterogeneity arises from gene-autonomous transcriptional probability of individual inducible genes. <i>Journal of Immunology</i> , 2002 , 168, 44-50	5.3	84
288	A rescue strategy for multimapping short sequence tags refines surveys of transcriptional activity by CAGE. <i>Genomics</i> , 2008 , 91, 281-8	4.3	82
287	G-protein-coupled receptor expression, function, and signaling in macrophages. <i>Journal of Leukocyte Biology</i> , 2007 , 82, 16-32	6.5	81
286	A high resolution atlas of gene expression in the domestic sheep (<i>Ovis aries</i>). <i>PLoS Genetics</i> , 2017 , 13, e1006997	6	79
285	Systematic characterization of the zinc-finger-containing proteins in the mouse transcriptome. <i>Genome Research</i> , 2003 , 13, 1430-42	9.7	79
284	Immune Cell Gene Signatures for Profiling the Microenvironment of Solid Tumors. <i>Cancer Immunology Research</i> , 2018 , 6, 1388-1400	12.5	79
283	Meta-analysis of lineage-specific gene expression signatures in mouse leukocyte populations. <i>Immunobiology</i> , 2010 , 215, 724-36	3.4	78
282	Optimal conditions for proliferation of bone marrow-derived mouse macrophages in culture: the roles of CSF-1, serum, Ca ²⁺ , and adherence. <i>Journal of Cellular Physiology</i> , 1983 , 117, 189-94	7	78
281	Cloning and characterization of the murine genes for bHLH-ZIP transcription factors TFEC and TFEB reveal a common gene organization for all MiT subfamily members. <i>Genomics</i> , 1999 , 56, 111-20	4.3	76
280	Functional clustering and lineage markers: insights into cellular differentiation and gene function from large-scale microarray studies of purified primary cell populations. <i>Genomics</i> , 2010 , 95, 328-38	4.3	75
279	Mice and men: their promoter properties. <i>PLoS Genetics</i> , 2006 , 2, e54	6	75
278	Data-driven normalization strategies for high-throughput quantitative RT-PCR. <i>BMC Bioinformatics</i> , 2009 , 10, 110	3.6	72
277	Concordant epigenetic silencing of transforming growth factor-beta signaling pathway genes occurs early in breast carcinogenesis. <i>Cancer Research</i> , 2007 , 67, 11517-27	10.1	72
276	Comparative analysis of monocyte subsets in the pig. <i>Journal of Immunology</i> , 2013 , 190, 6389-96	5.3	71
275	Cellular plasticity of inflammatory myeloid cells in the peritoneal foreign body response. <i>American Journal of Pathology</i> , 2010 , 176, 369-80	5.8	71
274	Regulation of rat cytochrome P450C24 (CYP24) gene expression. Evidence for functional cooperation of Ras-activated Ets transcription factors with the vitamin D receptor in 1,25-dihydroxyvitamin D(3)-mediated induction. <i>Journal of Biological Chemistry</i> , 2000 , 275, 47-55	5.4	71
273	Docosahexaenoic acid attenuates microglial activation and delays early retinal degeneration. <i>Journal of Neurochemistry</i> , 2009 , 110, 1863-75	6	70

272	IFN-gamma primes macrophage responses to bacterial DNA. <i>Journal of Interferon and Cytokine Research</i> , 1998 , 18, 263-71	3.5	70
271	Inflammation suppressor genes: please switch out all the lights. <i>Journal of Leukocyte Biology</i> , 2005 , 78, 9-13	6.5	68
270	Pleiotropic effects of extended blockade of CSF1R signaling in adult mice. <i>Journal of Leukocyte Biology</i> , 2014 , 96, 265-74	6.5	67
269	Immune surveillance of the lung by migrating tissue monocytes. <i>ELife</i> , 2015 , 4, e07847	8.9	67
268	Oncogenic properties of apoptotic tumor cells in aggressive B cell lymphoma. <i>Current Biology</i> , 2015 , 25, 577-88	6.3	66
267	Differences in macrophage activation by bacterial DNA and CpG-containing oligonucleotides. <i>Journal of Immunology</i> , 2005 , 175, 3569-76	5.3	66
266	Role of bone marrow macrophages in controlling homeostasis and repair in bone and bone marrow niches. <i>Seminars in Cell and Developmental Biology</i> , 2017 , 61, 12-21	7.5	65
265	Visualisation of chicken macrophages using transgenic reporter genes: insights into the development of the avian macrophage lineage. <i>Development (Cambridge)</i> , 2014 , 141, 3255-65	6.6	65
264	The FANTOM web resource: from mammalian transcriptional landscape to its dynamic regulation. <i>Genome Biology</i> , 2009 , 10, R40	18.3	65
263	The mouse secretome: functional classification of the proteins secreted into the extracellular environment. <i>Genome Research</i> , 2003 , 13, 1350-9	9.7	65
262	Analysis of the human monocyte-derived macrophage transcriptome and response to lipopolysaccharide provides new insights into genetic aetiology of inflammatory bowel disease. <i>PLoS Genetics</i> , 2017 , 13, e1006641	6	64
261	Cooperation of two PEA3/AP1 sites in uPA gene induction by TPA and FGF-2. <i>Gene</i> , 1997 , 201, 179-87	3.8	64
260	A CSF-1 receptor kinase inhibitor targets effector functions and inhibits pro-inflammatory cytokine production from murine macrophage populations. <i>FASEB Journal</i> , 2006 , 20, 1921-3	0.9	64
259	The expression of Clcn7 and Ostm1 in osteoclasts is coregulated by microphthalmia transcription factor. <i>Journal of Biological Chemistry</i> , 2007 , 282, 1891-904	5.4	64
258	Epigenetic silencing of the c-fms locus during B-lymphopoiesis occurs in discrete steps and is reversible. <i>EMBO Journal</i> , 2004 , 23, 4275-85	13	64
257	An inflammatory role for the mammalian carboxypeptidase inhibitor latexin: relationship to cystatins and the tumor suppressor TIG1. <i>Structure</i> , 2005 , 13, 309-17	5.2	64
256	Interaction between PU.1 and another Ets family transcription factor promotes macrophage-specific Basal transcription initiation. <i>Journal of Biological Chemistry</i> , 1998 , 273, 6662-9	5.4	64
255	CD169 macrophages are critical for osteoblast maintenance and promote intramembranous and endochondral ossification during bone repair. <i>Biomaterials</i> , 2019 , 196, 51-66	15.6	64

254	Characterisation of a novel Fc conjugate of macrophage colony-stimulating factor. <i>Molecular Therapy</i> , 2014 , 22, 1580-92	11.7	63
253	Expression of Gal4-dependent transgenes in cells of the mononuclear phagocyte system labeled with enhanced cyan fluorescent protein using Csflr-Gal4VP16/UAS-ECFP double-transgenic mice. <i>Journal of Leukocyte Biology</i> , 2008 , 83, 430-3	6.5	63
252	Alternate transcription of the Toll-like receptor signaling cascade. <i>Genome Biology</i> , 2006 , 7, R10	18.3	63
251	ets-2 is a target for an akt (Protein kinase B)/jun N-terminal kinase signaling pathway in macrophages of motheaten-viable mutant mice. <i>Molecular and Cellular Biology</i> , 2000 , 20, 8026-34	4.8	63
250	Systematic expression profiling of the mouse transcriptome using RIKEN cDNA microarrays. <i>Genome Research</i> , 2003 , 13, 1318-23	9.7	62
249	Histone deacetylase 7 promotes Toll-like receptor 4-dependent proinflammatory gene expression in macrophages. <i>Journal of Biological Chemistry</i> , 2013 , 288, 25362-25374	5.4	61
248	Microphthalmia transcription factor regulates the expression of the novel osteoclast factor GPNMB. <i>Gene</i> , 2008 , 413, 32-41	3.8	61
247	Structural basis for recruitment of tandem hotdog domains in acyl-CoA thioesterase 7 and its role in inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 10382-7	11.5	61
246	An improved pig reference genome sequence to enable pig genetics and genomics research. <i>GigaScience</i> , 2020 , 9,	7.6	60
245	CSF-1, IGF-1, and the control of postnatal growth and development. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 475-81	6.5	60
244	Colony-stimulating factor-1 (CSF-1) delivers a proatherogenic signal to human macrophages. <i>Journal of Leukocyte Biology</i> , 2009 , 85, 278-88	6.5	60
243	Pleiotropic Impacts of Macrophage and Microglial Deficiency on Development in Rats with Targeted Mutation of the Locus. <i>Journal of Immunology</i> , 2018 , 201, 2683-2699	5.3	60
242	The transcriptional regulation of the Colony-Stimulating Factor 1 Receptor (csf1r) gene during hematopoiesis. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 549-60	2.8	59
241	Can DCs be distinguished from macrophages by molecular signatures?. <i>Nature Immunology</i> , 2013 , 14, 187-9	19.1	58
240	Transcription factor Tfec contributes to the IL-4-inducible expression of a small group of genes in mouse macrophages including the granulocyte colony-stimulating factor receptor. <i>Journal of Immunology</i> , 2005 , 174, 7111-22	5.3	58
239	Purple acid phosphatases from bacteria: similarities to mammalian and plant enzymes. <i>Gene</i> , 2000 , 255, 419-24	3.8	58
238	Immunohistochemical characterisation of macrophages in human liver and gastrointestinal tract: expression of CD4, HLA-DR, OKM1, and the mature macrophage marker 25F9 in normal and diseased tissue. <i>Journal of Leukocyte Biology</i> , 1987 , 42, 474-84	6.5	58
237	Third Report on Chicken Genes and Chromosomes 2015. <i>Cytogenetic and Genome Research</i> , 2015 , 145, 78-179	1.9	57

236	Human tartrate-resistant acid phosphatase becomes an effective ATPase upon proteolytic activation. <i>Archives of Biochemistry and Biophysics</i> , 2005 , 439, 154-64	4.1	57
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