David A Hume

List of Publications by Year
in descending order

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389 papers	52,649 citations	1793 106 h-index	2018 212 g-index
423 all docs	423 docs citations	423 times ranked	68787 citing authors

#	Article	IF	Citations
1	Use of quantitative realâ€time PCR to determine the local inflammatory response in the intestinal mucosa and muscularis of horses undergoing small intestinal resection. Equine Veterinary Journal, 2022, 54, 52-62.	0.9	2
2	Development of novel reagents to chicken FLT3, XCR1 and CSF2R for the identification and characterization of avian conventional dendritic cells. Immunology, 2022, 165, 171-194.	2.0	9
3	Generation and network analysis of an RNA-seq transcriptional atlas for the rat. NAR Genomics and Bioinformatics, 2022, 4, lqac017.	1.5	4
4	Therapeutic potential of macrophage colony-stimulating factor in chronic liver disease. DMM Disease Models and Mechanisms, 2022, 15, .	1.2	7
5	A kinase-dead Csf1r mutation associated with adult-onset leukoencephalopathy has a dominant inhibitory impact on CSF1R signalling. Development (Cambridge), 2022, 149, .	1.2	9
6	Tumor-associated macrophage heterogeneity is driven by tissue territories in breast cancer. Cell Reports, 2022, 39, 110865.	2.9	35
7	Absence of microglia promotes diverse pathologies and early lethality in Alzheimerâ€™s disease mice. Cell Reports, 2022, 39, 110961.	2.9	48
8	Contamination of isolated mouse Kupffer cells with liver sinusoidal endothelial cells. Immunity, 2022, 55, 1139-1140.	6.6	14
9	The equine mononuclear phagocyte system: The relevance of the horse as a model for understanding human innate immunity. Equine Veterinary Journal, 2021, 53, 231-249.	0.9	10
10	Whole-Genome Sequence Data Suggest Environmental Adaptation of Ethiopian Sheep Populations. Genome Biology and Evolution, 2021, 13, .	1.1	20
11	Quantitative trait loci and transcriptome signatures associated with avian heritable resistance to Campylobacter. Scientific Reports, 2021, 11, 1623.	1.6	10
12	Stable colony-stimulating factor 1 fusion protein treatment increases hematopoietic stem cell pool and enhances their mobilisation in mice. Journal of Hematology and Oncology, 2021, 14, 3.	6.9	15
13	Analysis of homozygous and heterozygous Csf1r knockout in the rat as a model for understanding microglial function in brain development and the impacts of human CSF1R mutations. Neurobiology of Disease, 2021, 151, 105268.	2.1	29
14	CRISPR-Cas9 Editing of Human Histone Deubiquitinase Gene USP16 in Human Monocytic Leukemia Cell Line THP-1. Frontiers in Cell and Developmental Biology, 2021, 9, 679544.	1.8	2
15	A binge high sucrose diet provokes systemic and cerebral inflammation in rats without inducing obesity. Scientific Reports, 2021, 11, 11252.	1.6	21
16	The Mononuclear Phagocyte System of the Rat. Journal of Immunology, 2021, 206, 2251-2263.	0.4	15
17	CSF1R-dependent macrophages control postnatal somatic growth and organ maturation. PLoS Genetics, 2021, 17, e1009605.	1.5	44
18	Discovery of widespread transcription initiation at microsatellites predictable by sequence-based deep neural network. Nature Communications, 2021, 12, 3297.	5.8	11

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19	Treatment with a long-acting chimeric CSF1 molecule enhances fracture healing of healthy and osteoporotic bones. Biomaterials, 2021, 275, 120936.	5.7	11
20	On the utility of CSF1R inhibitors. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	14
21	Functions of macrophage colony-stimulating factor (CSF1) in development, homeostasis, and tissue repair. Seminars in Immunology, 2021, 54, 101509.	2.7	39
22	Fragmentation of tissue-resident macrophages during isolation confounds analysis of single-cell preparations from mouse hematopoietic tissues. Cell Reports, 2021, 37, 110058.	2.9	36
23	Functional evolution of the colony-stimulating factor 1 receptor (CSF1R) and its ligands in birds. Journal of Leukocyte Biology, 2020, 107, 237-250.	1.5	19
24	Phenotypic impacts of CSF1R deficiencies in humans and model organisms. Journal of Leukocyte Biology, 2020, 107, 205-219.	1.5	97
25	Analysis of the impact of CSF-1 administration in adult rats using a novel Csf1r-mApple reporter gene. Journal of Leukocyte Biology, 2020, 107, 221-235.	1.5	35
26	Regulation and function of macrophage colony-stimulating factor (CSF1) in the chicken immune system. Developmental and Comparative Immunology, 2020, 105, 103586.	1.0	25
27	Network analysis of transcriptomic diversity amongst resident tissue macrophages and dendritic cells in the mouse mononuclear phagocyte system. PLoS Biology, 2020, 18, e3000859.	2.6	94
28	Expression of Calcification and Extracellular Matrix Genes in the Cardiovascular System of the Healthy Domestic Sheep (Ovis aries). Frontiers in Genetics, 2020, 11, 919.	1.1	9
29	Species-Specificity of Transcriptional Regulation and the Response to Lipopolysaccharide in Mammalian Macrophages. Frontiers in Cell and Developmental Biology, 2020, 8, 661.	1.8	29
30	Measurement of serum Interleukin 34 (IL‚Äê34) and correlation with severity and pruritus scores in client‚Äêowned dogs with atopic dermatitis. Veterinary Dermatology, 2020, 31, 359.	0.4	5
31	A Transgenic Line That Reports CSF1R Protein Expression Provides a Definitive Marker for the Mouse Mononuclear Phagocyte System. Journal of Immunology, 2020, 205, 3154-3166.	0.4	59
32	CNS macrophages differentially rely on an intronicCsf1renhancer for their development. Development (Cambridge), 2020, 147, .	1.2	35
33	Immunohistochemical study of morphology and distribution of CD163+ve macrophages in the normal adult equine gastrointestinal tract. Veterinary Immunology and Immunopathology, 2020, 226, 110073.	0.5	4
34	Comprehensive Characterization of Transcriptional Activity during Influenza A Virus Infection Reveals Biases in Cap-Snatching of Host RNA Sequences. Journal of Virology, 2020, 94, .	1.5	14
35	An improved pig reference genome sequence to enable pig genetics and genomics research. GigaScience, 2020, 9, .	3.3	187
36	The Transcriptional Network That Controls Growth Arrest and Macrophage Differentiation in the Human Myeloid Leukemia Cell Line THP-1. Frontiers in Cell and Developmental Biology, 2020, 8, 498.	1.8	25

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37	Transcriptomic Analysis of Rat Macrophages. Frontiers in Immunology, 2020, 11, 594594.	2.2	12
38	A Gene Expression Atlas of the Domestic Water Buffalo (Bubalus bubalis). Frontiers in Genetics, 2019, 10, 668.	1.1	49
39	Deletion of a Csf1r enhancer selectively impacts CSF1R expression and development of tissue macrophage populations. Nature Communications, 2019, 10, 3215.	5.8	191
40	Developmental Stage-Specific Distribution of Macrophages in Mouse Mammary Gland. Frontiers in Cell and Developmental Biology, 2019, 7, 250.	1.8	56
41	The Effect of Race Training on the Basal Gene Expression of Alveolar Macrophages Derived From Standardbred Racehorses. Journal of Equine Veterinary Science, 2019, 75, 48-54.	0.4	3
42	Measurement of serum macrophage migration inhibitory factor (MIF) and correlation with severity and pruritus scores in client owned dogs with atopic dermatitis. Veterinary Dermatology, 2019, 30, 115.	0.4	3
43	Examining the Impact of Imputation Errors on Fine-Mapping Using DNA Methylation QTL as a Model Trait. Genetics, 2019, 212, 577-586.	1.2	2
44	Elimination of Reference Mapping Bias Reveals Robust Immune Related Allele-Specific Expression in Crossbred Sheep. Frontiers in Genetics, 2019, 10, 863.	1.1	38
45	Genetic and genomic analyses underpin the feasibility of concomitant genetic improvement of milk yield and mastitis resistance in dairy sheep. PLoS ONE, 2019, 14, e0214346.	1.1	12
46	A Mini-Atlas of Gene Expression for the Domestic Goat (Capra hircus). Frontiers in Genetics, 2019, 10, 1080.	1.1	24
47	Antigen Sampling CSF1R-Expressing Epithelial Cells Are the Functional Equivalents of Mammalian M Cells in the Avian Follicle-Associated Epithelium. Frontiers in Immunology, 2019, 10, 2495.	2.2	15
48	Analysis of the Progeny of Sibling Matings Reveals Regulatory Variation Impacting the Transcriptome of Immune Cells in Commercial Chickens. Frontiers in Genetics, 2019, 10, 1032.	1.1	18
49	The Mononuclear Phagocyte System: The Relationship between Monocytes and Macrophages. Trends in Immunology, 2019, 40, 98-112.	2.9	188
50	Comprehensive Transcriptional Profiling of the Gastrointestinal Tract of Ruminants from Birth to Adulthood Reveals Strong Developmental Stage Specific Gene Expression. G3: Genes, Genomes, Genetics, 2019, 9, 359-373.	0.8	48
51	Assembly of a parts list of the human mitotic cell cycle machinery. Journal of Molecular Cell Biology, 2019, 11, 703-718.	1.5	80
52	Characterization of Subpopulations of Chicken Mononuclear Phagocytes That Express TIM4 and CSF1R. Journal of Immunology, 2019, 202, 1186-1199.	0.4	47
53	CD169+ macrophages are critical for osteoblast maintenance and promote intramembranous and endochondral ossification during bone repair. Biomaterials, 2019, 196, 51-66.	5.7	124
54	Functional Annotation of the Transcriptome of the Pig, Sus scrofa, Based Upon Network Analysis of an RNAseq Transcriptional Atlas. Frontiers in Genetics, 2019, 10, 1355.	1.1	42

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55	The Impact of CAGE Data on Understanding Macrophage Transcriptional Biology. , 2019, , 227-240.		0
56	Csf1r-mApple Transgene Expression and Ligand Binding In Vivo Reveal Dynamics of CSF1R Expression within the Mononuclear Phagocyte System. Journal of Immunology, 2018, 200, 2209-2223.	0.4	75
57	Effects of anti-inflammatory drugs on the expression of tryptophan-metabolism genes by human macrophages. Journal of Leukocyte Biology, 2018, 103, 681-692.	1.5	27
58	The preterm labor associated ADAMTS2 gene isÂinduced by glucocorticoids. American Journal of Obstetrics and Gynecology, 2018, 219, 122-123.	0.7	1
59	The role of CSF1R-dependent macrophages in control of the intestinal stem-cell niche. Nature Communications, 2018, 9, 1272.	5.8	155
60	Replicable and Coupled Changes in Innate and Adaptive Immune Gene Expression in Two Case-Control Studies of Blood Microarrays in Major Depressive Disorder. Biological Psychiatry, 2018, 83, 70-80.	0.7	158
61	Phenotypic and genetic variation in the response of chickens to Eimeria tenella induced coccidiosis. Genetics Selection Evolution, 2018, 50, 63.	1.2	41
62	A chicken bioreactor for efficient production of functional cytokines. BMC Biotechnology, 2018, 18, 82.	1.7	33
63	Dissecting the Genomic Architecture of Resistance to Eimeria maxima Parasitism in the Chicken. Frontiers in Genetics, 2018, 9, 528.	1.1	31
64	Immune Cell Gene Signatures for Profiling the Microenvironment of Solid Tumors. Cancer Immunology Research, 2018, 6, 1388-1400.	1.6	169
65	Pleiotropic Impacts of Macrophage and Microglial Deficiency on Development in Rats with Targeted Mutation of the Csf1r Locus. Journal of Immunology, 2018, 201, 2683-2699.	0.4	114
66	ADGRE1 (EMR1, F4/80) Is a Rapidly-Evolving Gene Expressed in Mammalian Monocyte-Macrophages. Frontiers in Immunology, 2018, 9, 2246.	2.2	149
67	Self-repopulating recipient bone marrow resident macrophages promote long-term hematopoietic stem cell engraftment. Blood, 2018, 132, 735-749.	0.6	69
68	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. Immunity, 2018, 49, 312-325.e5.	6.6	172
69	Combination of novel and public RNA-seq datasets to generate an mRNA expression atlas for the domestic chicken. BMC Genomics, 2018, 19, 594.	1.2	86
70	Macrophage colony-stimulating factor increases hepatic macrophage content, liver growth, and lipid accumulation in neonatal rats. American Journal of Physiology - Renal Physiology, 2018, 314, G388-G398.	1.6	32
71	Cross-species inference of long non-coding RNAs greatly expands the ruminant transcriptome. Genetics Selection Evolution, 2018, 50, 20.	1.2	65
72	Shared activity patterns arising at genetic susceptibility loci reveal underlying genomic and cellular architecture of human disease. PLoS Computational Biology, 2018, 14, e1005934.	1.5	17

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73	Species-Specific Transcriptional Regulation of Genes Involved in Nitric Oxide Production and Arginine Metabolism in Macrophages. ImmunoHorizons, 2018, 2, 27-37.	0.8	124
74	CCR2-dependent monocyte-derived macrophages resolve inflammation and restore gut motility in postoperative ileus. Gut, 2017, 66, 2098-2109.	6.1	78
75	FANTOM5 CAGE profiles of human and mouse samples. Scientific Data, 2017, 4, 170112.	2.4	195
76	Transcriptional mechanisms that control expression of the macrophage colony-stimulating factor receptor locus. Clinical Science, 2017, 131, 2161-2182.	1.8	66
77	Identification of the macrophage-specific promoter signature in FANTOM5 mouse embryo developmental time course data. Journal of Leukocyte Biology, 2017, 102, 1081-1092.	1.5	35
78	Integration of quantitated expression estimates from polyA-selected and rRNA-depleted RNA-seq libraries. BMC Bioinformatics, 2017, 18, 301.	1.2	40
79	Role of bone marrow macrophages in controlling homeostasis and repair in bone and bone marrow niches. Seminars in Cell and Developmental Biology, 2017, 61, 12-21.	2.3	97
80	Resting and injuryâ€induced inflamed periosteum contain multiple macrophage subsets that are located at sites of bone growth and regeneration. Immunology and Cell Biology, 2017, 95, 7-16.	1.0	56
81	The evolution of the macrophage-specific enhancer (Fms intronic regulatory element) within the CSF1R locus of vertebrates. Scientific Reports, 2017, 7, 17115.	1.6	10
82	Glucocorticoid Receptor Binding Induces Rapid and Prolonged Large-Scale Chromatin Decompaction at Multiple Target Loci. Cell Reports, 2017, 21, 3022-3031.	2.9	43
83	Transcriptional Regulation and Macrophage Differentiation. , 2017, , 117-139.		1
84	Jmjd6, a JmjC Dioxygenase with Many Interaction Partners and Pleiotropic Functions. Frontiers in Genetics, 2017, 8, 32.	1.1	49
85	A high resolution atlas of gene expression in the domestic sheep (Ovis aries). PLoS Genetics, 2017, 13, e1006997.	1.5	210
86	Analysis of the human monocyte-derived macrophage transcriptome and response to lipopolysaccharide provides new insights into genetic aetiology of inflammatory bowel disease. PLoS Genetics, 2017, 13, e1006641.	1.5	161
87	Effects of Eimeria tenella infection on chicken caecal microbiome diversity, exploring variation associated with severity of pathology. PLoS ONE, 2017, 12, e0184890.	1.1	109
88	Macrophage colony-stimulating factor (CSF1) controls monocyte production and maturation and the steady-state size of the liver in pigs. American Journal of Physiology - Renal Physiology, 2016, 311, G533-G547.	1.6	55
89	Transcriptional Regulation and Macrophage Differentiation. Microbiology Spectrum, 2016, 4, .	1.2	35
90	Analysis of the function of IL-10 in chickens using specific neutralising antibodies and a sensitive capture ELISA. Developmental and Comparative Immunology, 2016, 63, 206-212.	1.0	52

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91	Functional annotation of the Tâ€cell immunoglobulin mucin family in birds. Immunology, 2016, 148, 287-303.	2.0	16
92	A Csf1r-EGFP Transgene Provides a Novel Marker for Monocyte Subsets in Sheep. Journal of Immunology, 2016, 197, 2297-2305.	0.4	21
93	Genome-wide association studies of immune, disease and production traits in indigenous chicken ecotypes. Genetics Selection Evolution, 2016, 48, 74.	1.2	36
94	Enhancer Turnover Is Associated with a Divergent Transcriptional Response to Glucocorticoid in Mouse and Human Macrophages. Journal of Immunology, 2016, 196, 813-822.	0.4	89
95	Induction of interferon and cell death in response to cytosolic DNA in chicken macrophages. Developmental and Comparative Immunology, 2016, 59, 145-152.	1.0	15
96	Identification and annotation of conserved promoters and macrophage-expressed genes in the pig genome. BMC Genomics, 2015, 16, 970.	1.2	22
97	Identification of Low-Confidence Regions in the Pig Reference Genome (Sscrofa10.2). Frontiers in Genetics, 2015, 6, 338.	1.1	28
98	The Many Alternative Faces of Macrophage Activation. Frontiers in Immunology, 2015, 6, 370.	2.2	281
99	Cell-Autonomous Sex Differences in Gene Expression in Chicken Bone Marrowâ€“Derived Macrophages. Journal of Immunology, 2015, 194, 2338-2344.	0.4	34
100	UK bioscientists push for crop policy. Nature, 2015, 521, 423-423.	13.7	0
101	CSF1 Restores Innate Immunity After Liver Injury in Mice andÂSerum Levels Indicate Outcomes of Patients With AcuteÂLiver Failure. Gastroenterology, 2015, 149, 1896-1909.e14.	0.6	156
102	Exome Sequencing: Current and Future Perspectives. G3: Genes, Genomes, Genetics, 2015, 5, 1543-1550.	0.8	165
103	Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. Science, 2015, 347, 1010-1014.	6.0	517
104	Oncogenic Properties of Apoptotic Tumor Cells in Aggressive B Cell Lymphoma. Current Biology, 2015, 25, 577-588.	1.8	96
105	Third Report on Chicken Genes and Chromosomes 2015. Cytogenetic and Genome Research, 2015, 145, 78-179.	0.6	97
106	The development and maintenance of the mononuclear phagocyte system of the chick is controlled by signals from the macrophage colony-stimulating factor receptor. BMC Biology, 2015, 13, 12.	1.7	62
107	Technical Advance: Transcription factor, promoter, and enhancer utilization in human myeloid cells. Journal of Leukocyte Biology, 2015, 97, 985-995.	1.5	23
108	A transcriptional perspective on human macrophage biology. Seminars in Immunology, 2015, 27, 44-50.	2.7	33

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109	Dengue virus NS1 protein activates cells via Toll-like receptor 4 and disrupts endothelial cell monolayer integrity. Science Translational Medicine, 2015, 7, 304ra142.	5.8	394
110	â€˜Recognised veterinary practiceâ€™ in the context of clinical field trials. Veterinary Record, 2015, 176, 552-552.	0.2	2
111	Immune surveillance of the lung by migrating tissue monocytes. ELife, 2015, 4, e07847.	2.8	98
112	The Biology of Macrophages. , 2014, , 71-93.		4
113	Characterisation of a Novel Fc Conjugate of Macrophage Colony-stimulating Factor. Molecular Therapy, 2014, 22, 1580-1592.	3.7	88
114	Visualisation of chicken macrophages using transgenic reporter genes: insights into the development of the avian macrophage lineage. Development (Cambridge), 2014, 141, 3255-3265.	1.2	107
115	Transcriptomic analysis of mononuclear phagocyte differentiation and activation. Immunological Reviews, 2014, 262, 74-84.	2.8	62
116	Pleiotropic effects of extended blockade of CSF1R signaling in adult mice. Journal of Leukocyte Biology, 2014, 96, 265-274.	1.5	86
117	A promoter-level mammalian expression atlas. Nature, 2014, 507, 462-470.	13.7	1,838
118	Transcriptional switching in macrophages associated with the peritoneal foreign body response. Immunology and Cell Biology, 2014, 92, 518-526.	1.0	40
119	An atlas of active enhancers across human cell types and tissues. Nature, 2014, 507, 455-461.	13.7	2,269
120	Transcription and enhancer profiling in human monocyte subsets. Blood, 2014, 123, e90-e99.	0.6	157
121	Analysis of the transcriptional networks underpinning the activation of murine macrophages by inflammatory mediators. Journal of Leukocyte Biology, 2014, 96, 167-183.	1.5	54
122	Homeostasis in the mononuclear phagocyte system. Trends in Immunology, 2014, 35, 358-367.	2.9	153
123	Design and development of exome capture sequencing for the domestic pig (Sus scrofa). BMC Genomics, 2014, 15, 550.	1.2	24
124	Production and characterisation of a monoclonal antibody that recognises the chicken CSF1 receptor and confirms that expression is restricted to macrophage-lineage cells. Developmental and Comparative Immunology, 2014, 42, 278-285.	1.0	37
125	Lentiviral vectors containing mouse Csf1r control elements direct macrophage-restricted expression in multiple species of birds and mammals. Molecular Therapy - Methods and Clinical Development, 2014, 1, 14010.	1.8	10
126	Network Analysis Reveals Distinct Clinical Syndromes Underlying Acute Mountain Sickness. PLoS ONE, 2014, 9, e81229.	1.1	48

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127	The MacBlue Binary Transgene (csf1r-gal4VP16/UAS-ECFP) Provides a Novel Marker for Visualisation of Subsets of Monocytes, Macrophages and Dendritic Cells and Responsiveness to CSF1 Administration. PLoS ONE, 2014, 9, e105429.	1.1	48
128	Coexpression analysis of large cancer datasets provides insight into the cellular phenotypes of the tumour microenvironment. BMC Genomics, 2013, 14, 469.	1.2	39
129	Structural and functional annotation of the porcine immunome. BMC Genomics, 2013, 14, 332.	1.2	203
130	An expression atlas of human primary cells: inference of gene function from coexpression networks. BMC Genomics, 2013, 14, 632.	1.2	347
131	The impact of breed and tissue compartment on the response of pig macrophages to lipopolysaccharide. BMC Genomics, 2013, 14, 581.	1.2	83
132	IL-4 directly signals tissue-resident macrophages to proliferate beyond homeostatic levels controlled by CSF-1. Journal of Experimental Medicine, 2013, 210, 2477-2491.	4.2	337
133	Fate Mapping Reveals Origins and Dynamics of Monocytes and Tissue Macrophages under Homeostasis. Immunity, 2013, 38, 79-91.	6.6	2,528
134	Cloning and expression of feline colony stimulating factor receptor (CSF-1R) and analysis of the species specificity of stimulation by colony stimulating factor-1 (CSF-1) and interleukin-34 (IL-34). Cytokine, 2013, 61, 630-638.	1.4	17
135	Can DCs be distinguished from macrophages by molecular signatures?. Nature Immunology, 2013, 14, 187-189.	7.0	64
136	The equine alveolar macrophage: Functional and phenotypic comparisons with peritoneal macrophages. Veterinary Immunology and Immunopathology, 2013, 155, 219-228.	0.5	36
137	Histone Deacetylase 7 Promotes Toll-like Receptor 4-dependent Proinflammatory Gene Expression in Macrophages. Journal of Biological Chemistry, 2013, 288, 25362-25374.	1.6	81
138	Comparative Analysis of Monocyte Subsets in the Pig. Journal of Immunology, 2013, 190, 6389-6396.	0.4	91
139	CX3CR1 reduces Ly6Chigh-monocyte motility within and release from the bone marrow after chemotherapy in mice. Blood, 2013, 122, 674-683.	0.6	63
140	CSF1R mutations in hereditary diffuse leukoencephalopathy with spheroids are loss of function. Scientific Reports, 2013, 3, 3013.	1.6	52
141	Regulated Expression of PTPRJ/CD148 and an Antisense Long Noncoding RNA in Macrophages by Proinflammatory Stimuli. PLoS ONE, 2013, 8, e68306.	1.1	48
142	The Function of the Conserved Regulatory Element within the Second Intron of the Mammalian Csf1r Locus. PLoS ONE, 2013, 8, e54935.	1.1	24
143	IFITM3 restricts the morbidity and mortality associated with influenza. Nature, 2012, 484, 519-523.	13.7	668
144	Therapeutic applications of macrophage colony-stimulating factor-1 (CSF-1) and antagonists of CSF-1 receptor (CSF-1R) signaling. Blood, 2012, 119, 1810-1820.	0.6	562

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145	A gene expression atlas of the domestic pig. BMC Biology, 2012, 10, 90.	1.7	199
146	Plenary Perspective: The complexity of constitutive and inducible gene expression in mononuclear phagocytes. Journal of Leukocyte Biology, 2012, 92, 433-444.	1.5	27
147	Pig Bone Marrow-Derived Macrophages Resemble Human Macrophages in Their Response to Bacterial Lipopolysaccharide. Journal of Immunology, 2012, 188, 3382-3394.	0.4	147
148	Cloning and expression of porcine Colony Stimulating Factor-1 (CSF-1) and Colony Stimulating Factor-1 Receptor (CSF-1R) and analysis of the species specificity of stimulation by CSF-1 and Interleukin 34. Cytokine, 2012, 60, 793-805.	1.4	42
149	Conservation and divergence in Toll-like receptor 4-regulated gene expression in primary human versus mouse macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E944-53.	3.3	332
150	Prediction of Altered 3â€²- UTR miRNA-Binding Sites from RNA-Seq Data: The Swine Leukocyte Antigen Complex (SLA) as a Model Region. PLoS ONE, 2012, 7, e48607.	1.1	15
151	Colony-Stimulating Factor-1 Promotes Kidney Growth and Repair via Alteration of Macrophage Responses. American Journal of Pathology, 2011, 179, 1243-1256.	1.9	124
152	Macrophages.com: An on-line community resource for innate immunity research. Immunobiology, 2011, 216, 1203-1211.	0.8	17
153	Defining the anatomical localisation of subsets of the murine mononuclear phagocyte system using integrin alpha X (Itgax, CD11c) and colony stimulating factor 1 receptor (Csf1r, CD115) expression fails to discriminate dendritic cells from macrophages. Immunobiology, 2011, 216, 1228-1237.	0.8	40
154	Editorial. Immunobiology, 2011, 216, 1163.	0.8	1
155	Macrophage Activation and Differentiation Signals Regulate Schlafen-4 Gene Expression: Evidence for Schlafen-4 as a Modulator of Myelopoiesis. PLoS ONE, 2011, 6, e15723.	1.1	67
156	The immunostimulatory activity of phosphorothioate CpG oligonucleotides is affected by distal sequence changes. Molecular Immunology, 2011, 48, 1027-1034.	1.0	15
157	The future of animal production: improving productivity and sustainability. Journal of Agricultural Science, 2011, 149, 9-16.	0.6	61
158	Somatic retrotransposition alters the genetic landscape of the human brain. Nature, 2011, 479, 534-537.	13.7	621
159	Macrophage therapy for murine liver fibrosis recruits host effector cells improving fibrosis, regeneration, and function. Hepatology, 2011, 53, 2003-2015.	3.6	278
160	Osteal macrophages promote in vivo intramembranous bone healing in a mouse tibial injury model. Journal of Bone and Mineral Research, 2011, 26, 1517-1532.	3.1	394
161	The mononuclear phagocyte system of the pig as a model for understanding human innate immunity and disease. Journal of Leukocyte Biology, 2011, 89, 855-871.	1.5	173
162	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. Blood, 2010, 116, 3955-3963.	0.6	410

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163	The Microphthalmia Transcription Factor Regulates Expression of the Tartrate-Resistant Acid Phosphatase Gene During Terminal Differentiation of Osteoclasts. Journal of Bone and Mineral Research, 2010, 15, 451-460.	3.1	117
164	The combination of gene perturbation assay and ChIP-chip reveals functional direct target genes for IRF8 in THP-1 cells. Molecular Immunology, 2010, 47, 2295-2302.	1.0	31
165	Identification and characterisation of new inhibitors for the human hematopoietic prostaglandin D 2 synthase. European Journal of Medicinal Chemistry, 2010, 45, 447-454.	2.6	15
166	Co-expression of FBN1 with mesenchyme-specific genes in mouse cell lines: implications for phenotypic variability in Marfan syndrome. European Journal of Human Genetics, 2010, 18, 1209-1215.	1.4	39
167	Induction of microRNAs, mir-155, mir-222, mir-424 and mir-503, promotes monocytic differentiation through combinatorial regulation. Leukemia, 2010, 24, 460-466.	3.3	229
168	Unravelling mononuclear phagocyte heterogeneity. Nature Reviews Immunology, 2010, 10, 453-460.	10.6	461
169	CSF-1, IGF-1, and the control of postnatal growth and development. Journal of Leukocyte Biology, 2010, 88, 475-481.	1.5	86
170	Differential effects of selective HDAC inhibitors on macrophage inflammatory responses to the Toll-like receptor 4 agonist LPS. Journal of Leukocyte Biology, 2010, 87, 1103-1114.	1.5	163
171	A conserved distal segment of the mouse CSF-1 receptor promoter is required for maximal expression of a reporter gene in macrophages and osteoclasts of transgenic mice. Journal of Leukocyte Biology, 2010, 87, 815-822.	1.5	24
172	Pivotal Advance: Avian colony-stimulating factor 1 (CSF-1), interleukin-34 (IL-34), and CSF-1 receptor genes and gene products. Journal of Leukocyte Biology, 2010, 87, 753-764.	1.5	173
173	Meta-analysis of lineage-specific gene expression signatures in mouse leukocyte populations. Immunobiology, 2010, 215, 724-736.	0.8	81
174	An Atlas of Combinatorial Transcriptional Regulation in Mouse and Man. Cell, 2010, 140, 744-752.	13.5	667
175	An Atlas of Combinatorial Transcriptional Regulation in Mouse and Man. Cell, 2010, 141, 369.	13.5	4
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