

Laszlo Nagy

List of Publications by Citations

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166
papers

16,030
citations

52
h-index

126
g-index

185
ext. papers

17,505
ext. citations

9.1
avg, IF

6.15
L-index

#	Paper	IF	Citations
166	Oxidized LDL regulates macrophage gene expression through ligand activation of PPARgamma. <i>Cell</i> , 1998 , 93, 229-40	56.2	1560
165	PPARgamma promotes monocyte/macrophage differentiation and uptake of oxidized LDL. <i>Cell</i> , 1998 , 93, 241-52	56.2	1541
164	Nuclear receptor coactivator ACTR is a novel histone acetyltransferase and forms a multimeric activation complex with P/CAF and CBP/p300. <i>Cell</i> , 1997 , 90, 569-80	56.2	1311
163	A PPAR gamma-LXR-ABCA1 pathway in macrophages is involved in cholesterol efflux and atherogenesis. <i>Molecular Cell</i> , 2001 , 7, 161-71	17.6	1141
162	Nuclear receptor repression mediated by a complex containing SMRT, mSin3A, and histone deacetylase. <i>Cell</i> , 1997 , 89, 373-80	56.2	1120
161	Role of the histone deacetylase complex in acute promyelocytic leukaemia. <i>Nature</i> , 1998 , 391, 811-4	50.4	998
160	PPAR-gamma dependent and independent effects on macrophage-gene expression in lipid metabolism and inflammation. <i>Nature Medicine</i> , 2001 , 7, 48-52	50.5	942
159	PPARs are a unique set of fatty acid regulated transcription factors controlling both lipid metabolism and inflammation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011 , 1812, 1007-22	6.9	525
158	Structural basis for the activation of PPARgamma by oxidized fatty acids. <i>Nature Structural and Molecular Biology</i> , 2008 , 15, 924-31	17.6	321
157	Mechanism of the nuclear receptor molecular switch. <i>Trends in Biochemical Sciences</i> , 2004 , 29, 317-24	10.3	318
156	STAT6 transcription factor is a facilitator of the nuclear receptor PPAR-regulated gene expression in macrophages and dendritic cells. <i>Immunity</i> , 2010 , 33, 699-712	32.3	284
155	Role for peroxisome proliferator-activated receptor alpha in oxidized phospholipid-induced synthesis of monocyte chemotactic protein-1 and interleukin-8 by endothelial cells. <i>Circulation Research</i> , 2000 , 87, 516-21	15.7	266
154	Retinoid X receptors: X-ploring their (patho)physiological functions. <i>Cell Death and Differentiation</i> , 2004 , 11 Suppl 2, S126-43	12.7	192
153	PPARgamma controls CD1d expression by turning on retinoic acid synthesis in developing human dendritic cells. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2351-62	16.6	162
152	Nuclear hormone receptors enable macrophages and dendritic cells to sense their lipid environment and shape their immune response. <i>Physiological Reviews</i> , 2012 , 92, 739-89	47.9	159
151	1,25-dihydroxyvitamin D3 is an autonomous regulator of the transcriptional changes leading to a tolerogenic dendritic cell phenotype. <i>Journal of Immunology</i> , 2009 , 182, 2074-83	5.3	158
150	Non-DNA binding, dominant-negative, human PPARgamma mutations cause lipodystrophic insulin resistance. <i>Cell Metabolism</i> , 2006 , 4, 303-11	24.6	143

149	Peroxisome proliferator-activated receptor gamma-regulated ABCG2 expression confers cytoprotection to human dendritic cells. <i>Journal of Biological Chemistry</i> , 2006 , 281, 23812-23	5.4	132
148	Mycobacterium bovis bacillus Calmette-Guérin infection induces TLR2-dependent peroxisome proliferator-activated receptor gamma expression and activation: functions in inflammation, lipid metabolism, and pathogenesis. <i>Journal of Immunology</i> , 2009 , 183, 1337-45	5.3	131
147	The many faces of PPARgamma: anti-inflammatory by any means?. <i>Immunobiology</i> , 2008 , 213, 789-803	3.4	130
146	Activation of PPARgamma specifies a dendritic cell subtype capable of enhanced induction of iNKT cell expansion. <i>Immunity</i> , 2004 , 21, 95-106	32.3	126
145	Transcriptional regulation of macrophage cholesterol efflux and atherogenesis by a long noncoding RNA. <i>Nature Medicine</i> , 2018 , 24, 304-312	50.5	123
144	PPARgamma in immunity and inflammation: cell types and diseases. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007 , 1771, 1014-30	5	115
143	Structural basis for the assembly of the SMRT/NCOR core transcriptional repression machinery. <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 177-84	17.6	114
142	Endocannabinoids enhance lipid synthesis and apoptosis of human sebocytes via cannabinoid receptor-2-mediated signaling. <i>FASEB Journal</i> , 2008 , 22, 3685-95	0.9	111
141	The role of lipid-activated nuclear receptors in shaping macrophage and dendritic cell function: From physiology to pathology. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 264-86	11.5	109
140	The Transcription Factor STAT6 Mediates Direct Repression of Inflammatory Enhancers and Limits Activation of Alternatively Polarized Macrophages. <i>Immunity</i> , 2018 , 48, 75-90.e6	32.3	106
139	Essential roles of retinoic acid signaling in interdigital apoptosis and control of BMP-7 expression in mouse autopods. <i>Developmental Biology</i> , 1999 , 208, 30-43	3.1	105
138	Identification and characterization of a versatile retinoid response element (retinoic acid receptor response element-retinoid X receptor response element) in the mouse tissue transglutaminase gene promoter. <i>Journal of Biological Chemistry</i> , 1996 , 271, 4355-65	5.4	102
137	Retinoid-induced apoptosis in normal and neoplastic tissues. <i>Cell Death and Differentiation</i> , 1998 , 5, 11-9	12.7	100
136	Differential effects of rexinoids and thiazolidinediones on metabolic gene expression in diabetic rodents. <i>Molecular Pharmacology</i> , 2001 , 59, 765-73	4.3	100
135	Transcriptional regulation of human CYP27 integrates retinoid, peroxisome proliferator-activated receptor, and liver X receptor signaling in macrophages. <i>Molecular and Cellular Biology</i> , 2004 , 24, 8154-66	4.8	99
134	Highly Dynamic Transcriptional Signature of Distinct Macrophage Subsets during Sterile Inflammation, Resolution, and Tissue Repair. <i>Journal of Immunology</i> , 2016 , 196, 4771-82	5.3	99
133	PPARgamma regulates the function of human dendritic cells primarily by altering lipid metabolism. <i>Blood</i> , 2007 , 110, 3271-80	2.2	98
132	Differentiation of CD1a- and CD1a+ monocyte-derived dendritic cells is biased by lipid environment and PPARgamma. <i>Blood</i> , 2007 , 109, 643-52	2.2	96

131	Identification of factor XIII-A as a marker of alternative macrophage activation. <i>Cellular and Molecular Life Sciences</i> , 2005 , 62, 2132-9	10.3	85
130	Macrophage PPAR α Lipid Activated Transcription Factor Controls the Growth Factor GDF3 and Skeletal Muscle Regeneration. <i>Immunity</i> , 2016 , 45, 1038-1051	32.3	84
129	9-cis-13,14-Dihydroretinoic Acid Is an Endogenous Retinoid Acting as RXR Ligand in Mice. <i>PLoS Genetics</i> , 2015 , 11, e1005213	6	78
128	Peripheral blood gene expression patterns discriminate among chronic inflammatory diseases and healthy controls and identify novel targets. <i>BMC Medical Genomics</i> , 2010 , 3, 15	3.7	78
127	A versatile method to design stem-loop primer-based quantitative PCR assays for detecting small regulatory RNA molecules. <i>PLoS ONE</i> , 2013 , 8, e55168	3.7	77
126	Nuclear receptor signalling in dendritic cells connects lipids, the genome and immune function. <i>EMBO Journal</i> , 2008 , 27, 2353-62	13	70
125	The active enhancer network operated by liganded RXR supports angiogenic activity in macrophages. <i>Genes and Development</i> , 2014 , 28, 1562-77	12.6	68
124	Dynamic changes to lipid mediators support transitions among macrophage subtypes during muscle regeneration. <i>Nature Immunology</i> , 2019 , 20, 626-636	19.1	67
123	The Nuclear Receptor PPAR γ Controls Progressive Macrophage Polarization as a Ligand-Insensitive Epigenomic Ratchet of Transcriptional Memory. <i>Immunity</i> , 2018 , 49, 615-626.e6	32.3	67
122	Tissue LyC6- macrophages are generated in the absence of circulating LyC6- monocytes and Nur77 in a model of muscle regeneration. <i>Journal of Immunology</i> , 2013 , 191, 5695-701	5.3	61
121	Oxysterol signaling links cholesterol metabolism and inflammation via the liver X receptor in macrophages. <i>Molecular Aspects of Medicine</i> , 2009 , 30, 134-52	16.7	61
120	Activation of liver X receptor sensitizes human dendritic cells to inflammatory stimuli. <i>Journal of Immunology</i> , 2010 , 184, 5456-65	5.3	59
119	Research resource: transcriptome profiling of genes regulated by RXR and its permissive and nonpermissive partners in differentiating monocyte-derived dendritic cells. <i>Molecular Endocrinology</i> , 2010 , 24, 2218-31		59
118	The structural basis for the specificity of retinoid-X receptor-selective agonists: new insights into the role of helix H12. <i>Journal of Biological Chemistry</i> , 2002 , 277, 11385-91	5.4	59
117	Transient receptor potential vanilloid-1 signaling as a regulator of human sebocyte biology. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 329-39	4.3	58
116	PPAR δ mediated and arachidonic acid-dependent signaling is involved in differentiation and lipid production of human sebocytes. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 910-920	4.3	56
115	PPAR γ , a lipid-activated transcription factor as a regulator of dendritic cell function. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1088, 207-18	6.5	52
114	Arginine methylation provides epigenetic transcription memory for retinoid-induced differentiation in myeloid cells. <i>Molecular and Cellular Biology</i> , 2005 , 25, 5648-63	4.8	51

113	The promoter of the mouse tissue transglutaminase gene directs tissue-specific, retinoid-regulated and apoptosis-linked expression. <i>Cell Death and Differentiation</i> , 1997 , 4, 534-47	12.7	50
112	Nuclear receptors, transcription factors linking lipid metabolism and immunity: the case of peroxisome proliferator-activated receptor gamma. <i>European Journal of Clinical Investigation</i> , 2008 , 38, 695-707	4.6	50
111	OCT4 Acts as an Integrator of Pluripotency and Signal-Induced Differentiation. <i>Molecular Cell</i> , 2016 , 63, 647-661	17.6	47
110	Hepatocyte-Macrophage Acetoacetate Shuttle Protects against Tissue Fibrosis. <i>Cell Metabolism</i> , 2019 , 29, 383-398.e7	24.6	46
109	Regulation of macrophage gene expression by peroxisome-proliferator-activated receptor gamma: implications for cardiovascular disease. <i>Current Opinion in Lipidology</i> , 1999 , 10, 485-90	4.4	45
108	Retinoids potentiate peroxisome proliferator-activated receptor gamma action in differentiation, gene expression, and lipid metabolic processes in developing myeloid cells. <i>Molecular Pharmacology</i> , 2005 , 67, 1935-43	4.3	43
107	Retinoid-regulated expression of BCL-2 and tissue transglutaminase during the differentiation and apoptosis of human myeloid leukemia (HL-60) cells. <i>Leukemia Research</i> , 1996 , 20, 499-505	2.7	42
106	MSTO1 is a cytoplasmic pro-mitochondrial fusion protein, whose mutation induces myopathy and ataxia in humans. <i>EMBO Molecular Medicine</i> , 2017 , 9, 967-984	12	41
105	SLAM/SLAM interactions inhibit CD40-induced production of inflammatory cytokines in monocyte-derived dendritic cells. <i>Blood</i> , 2006 , 107, 2821-9	2.2	40
104	Gene expression profiles in peripheral blood for the diagnosis of autoimmune diseases. <i>Trends in Molecular Medicine</i> , 2011 , 17, 223-33	11.5	39
103	Chronic obstructive pulmonary disease-specific gene expression signatures of alveolar macrophages as well as peripheral blood monocytes overlap and correlate with lung function. <i>Respiration</i> , 2011 , 81, 499-510	3.7	37
102	Live-cell fluorescence correlation spectroscopy dissects the role of coregulator exchange and chromatin binding in retinoic acid receptor mobility. <i>Journal of Cell Science</i> , 2011 , 124, 3631-42	5.3	36
101	PRMT1 and PRMT8 regulate retinoic acid-dependent neuronal differentiation with implications to neuropathology. <i>Stem Cells</i> , 2015 , 33, 726-41	5.8	35
100	Identification of novel markers of alternative activation and potential endogenous PPAR δ ligand production mechanisms in human IL-4 stimulated differentiating macrophages. <i>Immunobiology</i> , 2012 , 217, 1301-14	3.4	33
99	Highly efficient differentiation of embryonic stem cells into adipocytes by ascorbic acid. <i>Stem Cell Research</i> , 2014 , 13, 88-97	1.6	31
98	The IL-4/STAT6/PPAR δ signaling axis is driving the expansion of the RXR heterodimer cistrome, providing complex ligand responsiveness in macrophages. <i>Nucleic Acids Research</i> , 2018 , 46, 4425-4439	20.1	30
97	The IL-4/STAT6 signaling axis establishes a conserved microRNA signature in human and mouse macrophages regulating cell survival via miR-342-3p. <i>Genome Medicine</i> , 2016 , 8, 63	14.4	30
96	Ligand binding shifts highly mobile retinoid X receptor to the chromatin-bound state in a coactivator-dependent manner, as revealed by single-cell imaging. <i>Molecular and Cellular Biology</i> , 2014 , 34, 1234-45	4.8	29

95	Factor XIII-A is involved in the regulation of gene expression in alternatively activated human macrophages. <i>Thrombosis and Haemostasis</i> , 2010 , 104, 709-17	7	28
94	Pro-inflammatory cytokines negatively regulate PPAR α -mediated gene expression in both human and murine macrophages via multiple mechanisms. <i>Immunobiology</i> , 2013 , 218, 1336-44	3-4	26
93	Activation of retinoic acid receptor signaling coordinates lineage commitment of spontaneously differentiating mouse embryonic stem cells in embryoid bodies. <i>FEBS Letters</i> , 2010 , 584, 3123-30	3.8	26
92	In situ macrophage phenotypic transition is affected by altered cellular composition prior to acute sterile muscle injury. <i>Journal of Physiology</i> , 2017 , 595, 5815-5842	3-9	25
91	Peripheral blood derived gene panels predict response to infliximab in rheumatoid arthritis and Crohn's disease. <i>Genome Medicine</i> , 2013 , 5, 59	14-4	24
90	Molecular determinants of the balance between co-repressor and co-activator recruitment to the retinoic acid receptor. <i>Journal of Biological Chemistry</i> , 2003 , 278, 43797-806	5-4	24
89	Retinoic acid induction of the tissue transglutaminase promoter is mediated by a novel response element. <i>Molecular and Cellular Endocrinology</i> , 1996 , 120, 203-12	4-4	23
88	Causes and pathophysiology of heart failure with preserved ejection fraction. <i>Heart Failure Clinics</i> , 2014 , 10, 389-98	3-3	22
87	Peripheral blood gene expression and IgG glycosylation profiles as markers of tocilizumab treatment in rheumatoid arthritis. <i>Journal of Rheumatology</i> , 2012 , 39, 916-28	4-1	22
86	A Pharmacogenetic Approach to the Treatment of Patients With Mutations. <i>Diabetes</i> , 2018 , 67, 1086-1092	2-2	21
85	Leukocyte Overexpression of Intracellular NAMPT Attenuates Atherosclerosis by Regulating PPAR α -Dependent Monocyte Differentiation and Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1157-1167	9-4	20
84	Analyses of association between PPAR gamma and EPHX1 polymorphisms and susceptibility to COPD in a Hungarian cohort, a case-control study. <i>BMC Medical Genetics</i> , 2010 , 11, 152	2-1	20
83	Liver X Receptor Nuclear Receptors Are Transcriptional Regulators of Dendritic Cell Chemotaxis. <i>Molecular and Cellular Biology</i> , 2018 , 38,	4-8	19
82	Pharmacogenetics and pharmacogenomics in rheumatology. <i>Immunologic Research</i> , 2013 , 56, 325-33	4-3	19
81	Nuclear receptor mediated mechanisms of macrophage cholesterol metabolism. <i>Molecular and Cellular Endocrinology</i> , 2013 , 368, 85-98	4-4	19
80	Functional ABCG1 expression induces apoptosis in macrophages and other cell types. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008 , 1778, 2378-87	3-8	19
79	Ribonucleoprotein-masked nicks at 50-kbp intervals in the eukaryotic genomic DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 14964-9	11-5	18
78	Motif oriented high-resolution analysis of CHIP-seq data reveals the topological order of CTCF and cohesin proteins on DNA. <i>BMC Genomics</i> , 2016 , 17, 637	4-5	18

77	Arginine Methyltransferase PRMT8 Provides Cellular Stress Tolerance in Aging Motoneurons. <i>Journal of Neuroscience</i> , 2018 , 38, 7683-7700	6.6	17
76	In vivo GDF3 administration abrogates aging related muscle regeneration delay following acute sterile injury. <i>Aging Cell</i> , 2018 , 17, e12815	9.9	17
75	Retinoid X receptor suppresses a metastasis-promoting transcriptional program in myeloid cells via a ligand-insensitive mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10725-10730	11.5	17
74	Inotropes and inodilators for acute heart failure: sarcomere active drugs in focus. <i>Journal of Cardiovascular Pharmacology</i> , 2014 , 64, 199-208	3.1	17
73	Peroxisome proliferator-activated receptor β -regulated cathepsin D is required for lipid antigen presentation by dendritic cells. <i>Journal of Immunology</i> , 2011 , 187, 240-7	5.3	17
72	Interactions of retinoids with the ABC transporters P-glycoprotein and Breast Cancer Resistance Protein. <i>Scientific Reports</i> , 2017 , 7, 41376	4.9	16
71	Identification and characterization of a novel anti-inflammatory lipid isolated from Mycobacterium vaccae, a soil-derived bacterium with immunoregulatory and stress resilience properties. <i>Psychopharmacology</i> , 2019 , 236, 1653-1670	4.7	16
70	Monoclonal antibody proteomics: discovery and prevalidation of chronic obstructive pulmonary disease biomarkers in a single step. <i>Electrophoresis</i> , 2007 , 28, 4401-6	3.6	16
69	Signal Integration of IFN-I and IFN-II With TLR4 Involves Sequential Recruitment of STAT1-Complexes and NF κ B to Enhance Pro-inflammatory Transcription. <i>Frontiers in Immunology</i> , 2019 , 10, 1253	8.4	15
68	Myeloid ALX/FPR2 regulates vascularization following tissue injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 14354-14364	11.5	15
67	RDH10, RALDH2, and CRABP2 are required components of PPAR α -directed ATRA synthesis and signaling in human dendritic cells. <i>Journal of Lipid Research</i> , 2013 , 54, 2458-74	6.3	15
66	The BACH1-HMOX1 Regulatory Axis Is Indispensable for Proper Macrophage Subtype Specification and Skeletal Muscle Regeneration. <i>Journal of Immunology</i> , 2019 , 203, 1532-1547	5.3	14
65	Agonist binding directs dynamic competition among nuclear receptors for heterodimerization with retinoid X receptor. <i>Journal of Biological Chemistry</i> , 2020 , 295, 10045-10061	5.4	14
64	The intriguing complexities of mammalian gene regulation: how to link enhancers to regulated genes. Are we there yet?. <i>FEBS Letters</i> , 2014 , 588, 2379-91	3.8	14
63	Reprogramming of lysosomal gene expression by interleukin-4 and Stat6. <i>BMC Genomics</i> , 2013 , 14, 853	4.5	14
62	Coagulation factor XIII-A. A flow cytometric intracellular marker in the classification of acute myeloid leukemias. <i>Thrombosis and Haemostasis</i> , 2005 , 94, 454-9	7	14
61	Decreased peroxisome proliferator-activated receptor α level and signalling in sebaceous glands of patients with acne vulgaris. <i>Clinical and Experimental Dermatology</i> , 2016 , 41, 547-51	1.8	13
60	Carboxypeptidase-M is regulated by lipids and CSFs in macrophages and dendritic cells and expressed selectively in tissue granulomas and foam cells. <i>Laboratory Investigation</i> , 2012 , 92, 345-61	5.9	13

59	Mapping the genomic binding sites of the activated retinoid X receptor in murine bone marrow-derived macrophages using chromatin immunoprecipitation sequencing. <i>Methods in Molecular Biology</i> , 2014 , 1204, 15-24	1.4	13
58	Association of peroxisome proliferator-activated receptor gamma polymorphisms with inflammatory bowel disease in a Hungarian cohort. <i>Inflammatory Bowel Diseases</i> , 2012 , 18, 472-9	4.5	12
57	Is the Mouse a Good Model of Human PPAR α -Related Metabolic Diseases?. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	12
56	Nucleosome stability measured in situ by automated quantitative imaging. <i>Scientific Reports</i> , 2017 , 7, 12734	4.9	11
55	A novel method to predict regulatory regions based on histone mark landscapes in macrophages. <i>Immunobiology</i> , 2013 , 218, 1416-27	3.4	11
54	The transcription factor EGR2 is the molecular linchpin connecting STAT6 activation to the late, stable epigenomic program of alternative macrophage polarization. <i>Genes and Development</i> , 2020 , 34, 1474-1492	12.6	11
53	RXR heterodimers orchestrate transcriptional control of neurogenesis and cell fate specification. <i>Molecular and Cellular Endocrinology</i> , 2018 , 471, 51-62	4.4	11
52	PPAR α activation but not PPAR α haplo deficiency affects proangiogenic potential of endothelial cells and bone marrow-derived progenitors. <i>Cardiovascular Diabetology</i> , 2014 , 13, 150	8.7	10
51	Combination of IgG N-glycomics and corresponding transcriptomics data to identify anti-TNF- α treatment responders in inflammatory diseases. <i>Electrophoresis</i> , 2015 , 36, 1330-5	3.6	9
50	Accelerated recovery of 5-fluorouracil-damaged bone marrow after rosiglitazone treatment. <i>European Journal of Pharmacology</i> , 2005 , 522, 122-9	5.3	9
49	Roles for lipid-activated transcription factors in atherosclerosis. <i>Molecular Nutrition and Food Research</i> , 2005 , 49, 1072-4	5.9	9
48	Glucocorticoids counteract hypertrophic effects of myostatin inhibition in dystrophic muscle. <i>JCI Insight</i> , 2020 , 5,	9.9	9
47	PPAR δ activation but not PPAR δ haplo deficiency affects proangiogenic potential of endothelial cells and bone marrow-derived progenitors. <i>Cardiovascular Diabetology</i> , 2014 , 13, 150	8.7	9
46	Titin isoforms are increasingly protected against oxidative modifications in developing rat cardiomyocytes. <i>Free Radical Biology and Medicine</i> , 2017 , 113, 224-235	7.8	8
45	Hmgb1 can facilitate activation of the matrilin-1 gene promoter by Sox9 and L-Sox5/Sox6 in early steps of chondrogenesis. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013 , 1829, 1075-91	6	8
44	Genomewide effects of peroxisome proliferator-activated receptor gamma in macrophages and dendritic cells--revealing complexity through systems biology. <i>European Journal of Clinical Investigation</i> , 2015 , 45, 964-75	4.6	8
43	Genome wide mapping reveals PDE4B as an IL-2 induced STAT5 target gene in activated human PBMCs and lymphoid cancer cells. <i>PLoS ONE</i> , 2013 , 8, e57326	3.7	8
42	Chip-on-beads: flow-cytometric evaluation of chromatin immunoprecipitation. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006 , 69, 1086-91	4.6	8

41	Genome-wide localization of histone 4 arginine 3 methylation in a differentiation primed myeloid leukemia cell line. <i>Immunobiology</i> , 2005 , 210, 141-52	3.4	8
40	Retinoic acid receptor transcripts in human umbilical vein endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 179, 32-8	3.4	8
39	Dynamic transcriptional control of macrophage miRNA signature via inflammation responsive enhancers revealed using a combination of next generation sequencing-based approaches. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2018 , 1861, 14-28	6	8
38	Labelled regulatory elements are pervasive features of the macrophage genome and are dynamically utilized by classical and alternative polarization signals. <i>Nucleic Acids Research</i> , 2019 , 47, 2778-2792	20.1	7
37	Nuclear receptors as regulators of stem cell and cancer stem cell metabolism. <i>Seminars in Cell and Developmental Biology</i> , 2013 , 24, 716-23	7.5	7
36	Would eating carrots protect your liver? A new role involving NKT cells for retinoic acid in hepatitis. <i>European Journal of Immunology</i> , 2012 , 42, 1677-80	6.1	7
35	Lack of induction of tissue transglutaminase but activation of the preexisting enzyme in c-Myc-induced apoptosis of CHO cells. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 236, 280-4	3.4	7
34	Motif grammar: The basis of the language of gene expression. <i>Computational and Structural Biotechnology Journal</i> , 2020 , 18, 2026-2032	6.8	7
33	Gene expression analysis of vascular pathophysiology related to anti-TNF treatment in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2019 , 21, 94	5.7	6
32	Measuring expression levels of small regulatory RNA molecules from body fluids and formalin-fixed, paraffin-embedded samples. <i>Methods in Molecular Biology</i> , 2014 , 1182, 105-19	1.4	6
31	A transgenic mouse model for the study of apoptosis during limb development. <i>Cell Death and Differentiation</i> , 1998 , 5, 126	12.7	6
30	A growth factor-expressing macrophage subpopulation orchestrates regenerative inflammation via GDF-15. <i>Journal of Experimental Medicine</i> , 2022 , 219,	16.6	6
29	Extensive and functional overlap of the STAT6 and RXR cisomes in the active enhancer repertoire of human CD14+ monocyte derived differentiating macrophages. <i>Molecular and Cellular Endocrinology</i> , 2018 , 471, 63-74	4.4	6
28	Consumption of conjugated linoleic acid (CLA)-supplemented diet during colitis development ameliorates gut inflammation without causing steatosis in mice. <i>Journal of Nutritional Biochemistry</i> , 2018 , 57, 238-245	6.3	5
27	Ethanol increases phosphate-mediated mineralization and osteoblastic transformation of vascular smooth muscle cells. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 2219-26	5.6	5
26	Twenty years of nuclear receptors: Conference on Nuclear Receptors: from Chromatin to Disease. <i>EMBO Reports</i> , 2006 , 7, 579-84	6.5	5
25	Simultaneous Mapping of Molecular Proximity and Comobility Reveals Agonist-Enhanced Dimerization and DNA Binding of Nuclear Receptors. <i>Analytical Chemistry</i> , 2020 , 92, 2207-2215	7.8	4
24	Intracardiac Fibrinolysis and Endothelium Activation Related to Atrial Fibrillation Ablation with Different Techniques. <i>Cardiology Research and Practice</i> , 2020 , 2020, 1570483	1.9	3

23	Unraveling the Hierarchy of and Factors That Determine the DNA Binding by Peroxisome Proliferator-Activated Receptor α <i>Molecular and Cellular Biology</i> , 2020 , 40,	4.8	3
22	The triad of success in personalised medicine: pharmacogenomics, biotechnology and regulatory issues from a Central European perspective. <i>New Biotechnology</i> , 2012 , 29, 741-50	6.4	3
21	Investigation of de novo mutations in a schizophrenia case-parent trio by induced pluripotent stem cell-based in vitro disease modeling: convergence of schizophrenia- and autism-related cellular phenotypes. <i>Stem Cell Research and Therapy</i> , 2020 , 11, 504	8.3	3
20	Myeloid cell diversification during regenerative inflammation: Lessons from skeletal muscle. <i>Seminars in Cell and Developmental Biology</i> , 2021 , 119, 89-100	7.5	3
19	ORM-3819 promotes cardiac contractility through Ca(2+) sensitization in combination with selective PDE III inhibition, a novel approach to inotropy. <i>European Journal of Pharmacology</i> , 2016 , 775, 120-9	5.3	3
18	Differentiation of Adipocytes in Monolayer from Mouse Embryonic Stem Cells. <i>Methods in Molecular Biology</i> , 2016 , 1341, 407-15	1.4	2
17	Unorthodox Transcriptional Mechanisms of Lipid-Sensing Nuclear Receptors in Macrophages: Are We Opening a New Chapter?. <i>Frontiers in Endocrinology</i> , 2020 , 11, 609099	5.7	2
16	Prediction and Validation of Gene Regulatory Elements Activated During Retinoic Acid Induced Embryonic Stem Cell Differentiation. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	2
15	Transcriptional repression shapes the identity and function of tissue macrophages. <i>FEBS Open Bio</i> , 2021 , 11, 3218-3229	2.7	2
14	Oxidation of Hemoglobin Drives a Proatherogenic Polarization of Macrophages in Human Atherosclerosis. <i>Antioxidants and Redox Signaling</i> , 2021 , 35, 917-950	8.4	2
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