

Michael G Rosenfeld

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98
papers

27,172
citations

56
h-index

104
g-index

104
ext. papers

29,193
ext. citations

31.5
avg, IF

6.27
L-index

#	Paper	IF	Citations
98	Production of a novel neuropeptide encoded by the calcitonin gene via tissue-specific RNA processing. <i>Nature</i> , 1983 , 304, 129-35	47.5	2108
97	Ligand-independent repression by the thyroid hormone receptor mediated by a nuclear receptor co-repressor. <i>Nature</i> , 1995 , 377, 397-404	47.5	1768
96	Ligand binding and co-activator assembly of the peroxisome proliferator-activated receptor-gamma. <i>Nature</i> , 1998 , 395, 137-43	47.5	1652
95	Primary structure and expression of a functional human glucocorticoid receptor cDNA. <i>Nature</i> , 1985 , 318, 635-41	47.5	1614
94	The transcriptional co-activator p/CIP binds CBP and mediates nuclear-receptor function. <i>Nature</i> , 1997 , 387, 677-84	47.5	1142
93	A complex containing N-CoR, mSin3 and histone deacetylase mediates transcriptional repression. <i>Nature</i> , 1997 , 387, 43-8	47.5	1109
92	Dramatic growth of mice that develop from eggs microinjected with metallothionein-growth hormone fusion genes. <i>Nature</i> , 1982 , 300, 611-5	47.5	1107
91	Dwarf locus mutants lacking three pituitary cell types result from mutations in the POU-domain gene pit-1. <i>Nature</i> , 1990 , 347, 528-33	47.5	1078
90	Expression of a large family of POU-domain regulatory genes in mammalian brain development. <i>Nature</i> , 1989 , 340, 35-41	47.5	796
89	Sensors and signals: a coactivator/corepressor/epigenetic code for integrating signal-dependent programs of transcriptional response. <i>Genes and Development</i> , 2006 , 20, 1405-28	12.1	728
88	Pituitary lineage determination by the Prophet of Pit-1 homeodomain factor defective in Ames dwarfism. <i>Nature</i> , 1996 , 384, 327-33	47.5	687
87	Functional roles of enhancer RNAs for oestrogen-dependent transcriptional activation. <i>Nature</i> , 2013 , 498, 516-20	47.5	682
86	Requirement for intrinsic protein tyrosine kinase in the immediate and late actions of the EGF receptor. <i>Nature</i> , 1987 , 328, 820-3	47.5	576
85	Retinoic acid and thyroid hormone induce gene expression through a common responsive element. <i>Nature</i> , 1988 , 336, 262-5	47.5	548
84	lncRNA-dependent mechanisms of androgen-receptor-regulated gene activation programs. <i>Nature</i> , 2013 , 500, 598-602	47.5	516
83	Polarity-specific activities of retinoic acid receptors determined by a co-repressor. <i>Nature</i> , 1995 , 377, 451-4	47.5	511
82	Pitx2 regulates lung asymmetry, cardiac positioning and pituitary and tooth morphogenesis. <i>Nature</i> , 1999 , 401, 279-82	47.5	498

81	Mutations in PROP1 cause familial combined pituitary hormone deficiency. <i>Nature Genetics</i> , 1998 , 18, 147-9	35.2	470
80	Role of transcription factors Brn-3.1 and Brn-3.2 in auditory and visual system development. <i>Nature</i> , 1996 , 381, 603-6	47.5	460
79	Pitx2 determines left-right asymmetry of internal organs in vertebrates. <i>Nature</i> , 1998 , 394, 545-51	47.5	439
78	Deletion of crhr2 reveals an anxiolytic role for corticotropin-releasing hormone receptor-2. <i>Nature Genetics</i> , 2000 , 24, 415-9	35.2	439
77	Molecular basis of the little mouse phenotype and implications for cell type-specific growth. <i>Nature</i> , 1993 , 364, 208-13	47.5	436
76	Enhancers as non-coding RNA transcription units: recent insights and future perspectives. <i>Nature Reviews Genetics</i> , 2016 , 17, 207-23	29.1	432
75	Opposing LSD1 complexes function in developmental gene activation and repression programmes. <i>Nature</i> , 2007 , 446, 882-7	47.5	414
74	Stimulation of noradrenergic sympathetic outflow by calcitonin gene-related peptide. <i>Nature</i> , 1983 , 305, 534-6	47.5	380
73	Histone methylation-dependent mechanisms impose ligand dependency for gene activation by nuclear receptors. <i>Cell</i> , 2007 , 128, 505-518	54.5	367
72	Enhancer RNAs and regulated transcriptional programs. <i>Trends in Biochemical Sciences</i> , 2014 , 39, 170-82	9.9	361
71	Domain structure of human glucocorticoid receptor and its relationship to the v-erb-A oncogene product. <i>Nature</i> , 1985 , 318, 670-2	47.5	346
70	A c-erb-A binding site in rat growth hormone gene mediates trans-activation by thyroid hormone. <i>Nature</i> , 1987 , 329, 738-41	47.5	344
69	Pit-1-dependent expression of the receptor for growth hormone releasing factor mediates pituitary cell growth. <i>Nature</i> , 1992 , 360, 765-8	47.5	283
68	Transcriptional regulation of growth hormone gene expression by growth hormone-releasing factor. <i>Nature</i> , 1983 , 306, 84-5	47.5	274
67	Signal-specific co-activator domain requirements for Pit-1 activation. <i>Nature</i> , 1998 , 395, 301-6	47.5	258
66	Brd4 and JMJD6-associated anti-pause enhancers in regulation of transcriptional pause release. <i>Cell</i> , 2013 , 155, 1581-1595	54.5	250
65	Expression of human growth hormone-releasing factor in transgenic mice results in increased somatic growth. <i>Nature</i> , 1985 , 315, 413-6	47.5	226
64	Requirement for Brn-3.0 in differentiation and survival of sensory and motor neurons. <i>Nature</i> , 1996 , 384, 574-7	47.5	224

63	I-POU: a POU-domain protein that inhibits neuron-specific gene activation. <i>Nature</i> , 1991 , 350, 577-84	47.5	214
62	Allosteric effects of Pit-1 DNA sites on long-term repression in cell type specification. <i>Science</i> , 2000 , 290, 1127-31	32.2	211
61	Brain cell type-specific enhancer-promoter interactome maps and disease risk association. <i>Science</i> , 2019 , 366, 1134-1139	32.2	205
60	Autoregulation of pit-1 gene expression mediated by two cis-active promoter elements. <i>Nature</i> , 1990 , 346, 583-6	47.5	194
59	Epidermal growth factor rapidly stimulates prolactin gene transcription. <i>Nature</i> , 1982 , 300, 192-4	47.5	182
58	Role of estrogen receptor-alpha in the anterior pituitary gland. <i>Molecular Endocrinology</i> , 1997 , 11, 674-81		175
57	Signaling and transcriptional mechanisms in pituitary development. <i>Annual Review of Neuroscience</i> , 2001 , 24, 327-55	16.6	167
56	Expression-cloning and sequence of a cDNA encoding human growth hormone-releasing factor. <i>Nature</i> , 1983 , 306, 86-8	47.5	154
55	Phase separation of ligand-activated enhancers licenses cooperative chromosomal enhancer assembly. <i>Nature Structural and Molecular Biology</i> , 2019 , 26, 193-203	17.2	141
54	Enhancer activation requires trans-recruitment of a mega transcription factor complex. <i>Cell</i> , 2014 , 159, 358-73	54.5	135
53	RLIM inhibits functional activity of LIM homeodomain transcription factors via recruitment of the histone deacetylase complex. <i>Nature Genetics</i> , 1999 , 22, 394-9	35.2	129
52	Estradiol inhibits leukocyte adhesion and transendothelial migration in rabbits in vivo : possible mechanisms for gender differences in atherosclerosis. <i>Circulation Research</i> , 1999 , 85, 377-85	15.3	115
51	Characterization of cDNA and genomic clones encoding the precursor to rat hypothalamic growth hormone-releasing factor. <i>Nature</i> , 1985 , 314, 464-7	47.5	107
50	Ligand-dependent enhancer activation regulated by topoisomerase-I activity. <i>Cell</i> , 2015 , 160, 367-80	54.5	103
49	LSD1n is an H4K20 demethylase regulating memory formation via transcriptional elongation control. <i>Nature Neuroscience</i> , 2015 , 18, 1256-64	24.9	96
48	Altered expression of the calcitonin gene associated with RNA polymorphism. <i>Nature</i> , 1981 , 290, 63-5	47.5	95
47	No rest for REST: REST/NRSF regulation of neurogenesis. <i>Cell</i> , 2005 , 121, 499-501	54.5	94
46	LRP8-Reelin-Regulated Neuronal Enhancer Signature Underlying Learning and Memory Formation. <i>Neuron</i> , 2015 , 86, 696-710	13.5	87

45	Tyrosine phosphorylation of histone H2A by CK2 regulates transcriptional elongation. <i>Nature</i> , 2014 , 516, 267-71	47.5	81
44	Condensin I and II Complexes License Full Estrogen Receptor ER -Dependent Enhancer Activation. <i>Molecular Cell</i> , 2015 , 59, 188-202	17	68
43	Mitochondrial Retrograde Signaling in Mammals Is Mediated by the Transcriptional Cofactor GPS2 via Direct Mitochondria-to-Nucleus Translocation. <i>Molecular Cell</i> , 2018 , 69, 757-772.e7	17	62
42	Required enhancer-matrin-3 network interactions for a homeodomain transcription program. <i>Nature</i> , 2014 , 514, 257-61	47.5	46
41	Chem-seq permits identification of genomic targets of drugs against androgen receptor regulation selected by functional phenotypic screens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 9235-40	11.1	46
40	Neural stem cell differentiation is dictated by distinct actions of nuclear receptor corepressors and histone deacetylases. <i>Stem Cell Reports</i> , 2014 , 3, 502-15	7.8	45
39	Arginine methylation of HSP70 regulates retinoid acid-mediated RAR α gene activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E3327-36	11.1	43
38	JMJD6 Licenses ER -Dependent Enhancer and Coding Gene Activation by Modulating the Recruitment of the CARM1/MED12 Co-activator Complex. <i>Molecular Cell</i> , 2018 , 70, 340-357.e8	17	43
37	GPS2/KDM4A pioneering activity regulates promoter-specific recruitment of PPAR α . <i>Cell Reports</i> , 2014 , 8, 163-76	10.3	40
36	P16INK4a Upregulation Mediated by SIX6 Defines Retinal Ganglion Cell Pathogenesis in Glaucoma. <i>Molecular Cell</i> , 2015 , 59, 931-40	17	39
35	Glucocorticoid Receptor:MegaTrans Switching Mediates the Repression of an ER -Regulated Transcriptional Program. <i>Molecular Cell</i> , 2017 , 66, 321-331.e6	17	35
34	Physiological functions of programmed DNA breaks in signal-induced transcription. <i>Nature Reviews Molecular Cell Biology</i> , 2017 , 18, 471-476	46.7	32
33	Notch-Dependent Pituitary SOX2(+) Stem Cells Exhibit a Timed Functional Extinction in Regulation of the Postnatal Gland. <i>Stem Cell Reports</i> , 2015 , 5, 1196-1209	7.8	32
32	Relationship between production of epidermal growth factor receptors, gene amplification, and chromosome 7 translocation in variant A431 cells. <i>Somatic Cell and Molecular Genetics</i> , 1985 , 11, 309-18		32
31	REST corepressors RCOR1 and RCOR2 and the repressor INSM1 regulate the proliferation-differentiation balance in the developing brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E406-E415	11.1	29
30	Pluripotency factors functionally premark cell-type-restricted enhancers in ES cells. <i>Nature</i> , 2018 , 556, 510-514	47.5	26
29	Glia-specific enhancers and chromatin structure regulate NFIA expression and glioma tumorigenesis. <i>Nature Neuroscience</i> , 2017 , 20, 1520-1528	24.9	24
28	Thyroid hormone receptor beta and NCOA4 regulate terminal erythrocyte differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10107-10112	11.1	24

27	A transcriptional switch governs fibroblast activation in heart disease. <i>Nature</i> , 2021 , 595, 438-443	47.5	21
26	Initiation of Parental Genome Reprogramming in Fertilized Oocyte by Splicing Kinase SRPK1-Catalyzed Protamine Phosphorylation. <i>Cell</i> , 2020 , 180, 1212-1227.e14	54.5	20
25	Histone demethylase LSD1 regulates hematopoietic stem cells homeostasis and protects from death by endotoxic shock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E244-E252	11.1	20
24	Modification of representational difference analysis applied to the isolation of forskolin-regulated genes from Schwann cells. <i>Journal of Neuroscience Research</i> , 2001 , 63, 516-24	4.2	20
23	CELFL RNA binding proteins promote axon regeneration in C. elegans and mammals through alternative splicing of Syntaxins. <i>ELife</i> , 2016 , 5,	8.6	17
22	Reorganized 3D Genome Structures Support Transcriptional Regulation in Mouse Spermatogenesis. <i>Science</i> , 2020 , 23, 101034	5.9	15
21	Enhancer-bound LDB1 regulates a corticotrope promoter-pausing repression program. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 1380-5	11.1	14
20	Allele-specific NKX2-5 binding underlies multiple genetic associations with human electrocardiographic traits. <i>Nature Genetics</i> , 2019 , 51, 1506-1517	35.2	14
19	CtBPs sense microenvironmental oxygen levels to regulate neural stem cell state. <i>Cell Reports</i> , 2014 , 8, 665-70	10.3	13
18	Molecular Involvement of the Pit-1 Gene in Anterior Pituitary Cell Commitment. <i>Journal of Animal Science</i> , 1996 , 74, 94	0.6	13
17	Enhancer release and retargeting activates disease-susceptibility genes. <i>Nature</i> , 2021 , 595, 735-740	47.5	12
16	Epithelial cell integrin $\alpha 5$ is required for developmental angiogenesis in the pituitary gland. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13408-13413	11.1	11
15	Dismissal of RNA Polymerase II Underlies a Large Ligand-Induced Enhancer Decommissioning Program. <i>Molecular Cell</i> , 2018 , 71, 526-539.e8	17	11
14	Hippo signalling maintains ER expression and ER breast cancer growth. <i>Nature</i> , 2021 , 591, E1-E10	47.5	10
13	Crystallization and preliminary X-ray analysis of Pit-1 POU domain complexed to a 28 base pair DNA element. <i>Proteins: Structure, Function and Bioinformatics</i> , 1996 , 24, 263-5	4	9
12	Immunohistochemical expression of Pit-1 protein in human pituitary adenomas. <i>Endocrine Pathology</i> , 1993 , 4, 201-204	4.1	9
11	Signalosome-Regulated Serum Response Factor Phosphorylation Determining Myocyte Growth in Width Versus Length as a Therapeutic Target for Heart Failure. <i>Circulation</i> , 2020 , 142, 2138-2154	16.3	8
10	LSD1-mediated enhancer silencing attenuates retinoic acid signalling during pancreatic endocrine cell development. <i>Nature Communications</i> , 2020 , 11, 2082	16.9	7

9	Development of Prolactin and Growth Hormone Production in the Fetal Rat Pituitary: An Immunochemical Study. <i>Development Growth and Differentiation</i> , 1992 , 34, 473-478	2.9	7
8	An epigenomic role of Fe65 in the cellular response to DNA damage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015 , 776, 40-7	3.2	6
7	Shape of promoter antisense RNAs regulates ligand-induced transcription activation. <i>Nature</i> , 2021 , 595, 444-449	47.5	6
6	The DNA methyltransferase DNMT3A contributes to autophagy long-term memory. <i>Autophagy</i> , 2021 , 17, 1259-1277	9.9	5
5	Enhancer RNAs Mediate Estrogen-Induced Decommissioning of Selective Enhancers by Recruiting ER α and Its Cofactor. <i>Cell Reports</i> , 2020 , 31, 107803	10.3	4
4	Cell type-specific enhancer-promoter connectivity maps in the human brain and disease risk association		4
3	A transgenic insertional inner ear mutation on mouse chromosome 1. <i>Laryngoscope</i> , 2000 , 110, 489-96	3.4	2
2	A comprehensive integrated post-GWAS analysis of Type 1 diabetes reveals enhancer-based immune dysregulation. <i>PLoS ONE</i> , 2021 , 16, e0257265	3.6	1
1	Molecular mechanisms of a disease susceptibility variant of SIRT1: Genotoxic stress-induced, CTCF-dependent activation of SIRT1 gene expression. <i>FASEB Journal</i> , 2010 , 24, 833.23	0.9	