CITATION REPORT List of articles citing

Transcriptional repression by neuron-restrictive silencer factor is mediated via the Sin3-histone deacetylase complex

DOI: 10.1128/mcb.20.6.2147-2157.2000 Molecular and Cellular Biology, 2000, 20, 2147-57.

Source: https://exaly.com/paper-pdf/32210565/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
191	REST-VP16 activates multiple neuronal differentiation genes in human NT2 cells. <i>Nucleic Acids Research</i> , 2000 , 28, 3403-10	20.1	36
190	Combinatorial roles of the nuclear receptor corepressor in transcription and development. 2000 , 102, 753-63		424
189	The human histone deacetylase family. 2001 , 262, 75-83		468
188	Cell-type non-selective transcription of mouse and human genes encoding neural-restrictive silencer factor. 2001 , 90, 174-86		17
187	Regulation of neuronal traits by a novel transcriptional complex. 2001 , 31, 353-65		361
186	Pf1, a novel PHD zinc finger protein that links the TLE corepressor to the mSin3A-histone deacetylase complex. <i>Molecular and Cellular Biology</i> , 2001 , 21, 4110-8	4.8	74
185	The neuron-restrictive silencer element-neuron-restrictive silencer factor system regulates basal and endothelin 1-inducible atrial natriuretic peptide gene expression in ventricular myocytes. <i>Molecular and Cellular Biology</i> , 2001 , 21, 2085-97	4.8	86
184	Repressor element silencing transcription factor/neuron-restrictive silencing factor (REST/NRSF) can act as an enhancer as well as a repressor of corticotropin-releasing hormone gene transcription. 2001 , 276, 13917-23		66
183	CoREST is an integral component of the CoREST- human histone deacetylase complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 1454-8	11.5	386
182	The basic helix-loop-helix protein, sharp-1, represses transcription by a histone deacetylase-dependent and histone deacetylase-independent mechanism. 2001 , 276, 14821-8		31
181	Histone acetylation/deacetylation and cancer: an "open" and "shut" case?. 2001 , 1, 401-29		79
180	REST repression of neuronal genes requires components of the hSWI.SNF complex. 2002 , 277, 41038-4	-5	156
179	A core-BRAF35 complex containing histone deacetylase mediates repression of neuronal-specific genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 7420-2	5 11.5	231
178	Positive and negative regulators of the vasopressin gene promoter in small cell lung cancer. 2002 , 139, 329-43		5
177	NRSF/REST confers transcriptional repression of the GPR10 gene via a putative NRSE/RE-1 located in the 5Ppromoter region. 2002 , 531, 193-8		9
176	Effect of age on the gene expression of neural-restrictive silencing factor NRSF/REST. 2002, 23, 255-62	2	16
175	Neuron restrictive silencer factor as a modulator of neuropeptide gene expression. 2002 , 108, 135-41		25

(2004-2002)

174	Altered histone acetylation at glutamate receptor 2 and brain-derived neurotrophic factor genes is an early event triggered by status epilepticus. <i>Journal of Neuroscience</i> , 2002 , 22, 8422-8	6.6	211
173	Deacetylase enzymes: biological functions and the use of small-molecule inhibitors. 2002 , 9, 3-16		477
172	An expanded role for wild-type huntingtin in neuronal transcription. 2003, 35, 13-4		8
171	Interaction of the repressor element 1-silencing transcription factor (REST) with target genes. 2003 , 334, 863-74		51
170	Critical role of the transcriptional repressor neuron-restrictive silencer factor in the specific control of connexin36 in insulin-producing cell lines. 2003 , 278, 53082-9		55
169	Involvement of the histone deacetylase SIRT1 in chicken ovalbumin upstream promoter transcription factor (COUP-TF)-interacting protein 2-mediated transcriptional repression. 2003 , 278, 43041-50		108
168	A candidate X-linked mental retardation gene is a component of a new family of histone deacetylase-containing complexes. 2003 , 278, 7234-9		134
167	Molecular and Cellular Mechanisms of Ischemia-Induced Neuronal Death. 2004 , 829-854		15
166	Direct interaction of NRSF with TBP: chromatin reorganization and core promoter repression for neuron-specific gene transcription. <i>Nucleic Acids Research</i> , 2004 , 32, 3180-9	20.1	16
165	Distinct RE-1 silencing transcription factor-containing complexes interact with different target genes. 2004 , 279, 556-61		57
164	Neuron-restrictive silencer factor (NRSF) functions as a repressor in neuronal cells to regulate the mu opioid receptor gene. 2004 , 279, 46464-73		72
163	A conserved role but different partners for the transcriptional corepressor CoREST in fly and mammalian nervous system formation. <i>Journal of Neuroscience</i> , 2004 , 24, 7186-93	6.6	41
162	Genome-wide analysis of repressor element 1 silencing transcription factor/neuron-restrictive silencing factor (REST/NRSF) target genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 10458-63	11.5	378
161	Multiple promoters drive tissue-specific expression of the human M muscarinic acetylcholine receptor gene. <i>Journal of Neurochemistry</i> , 2004 , 91, 88-98	6	9
160	Inhibition of histone deacetylation by butyrate induces morphological changes in Y79 retinoblastoma cells. 2004 , 48, 542-51		14
159	Cell type-dependent recruitment of trichostatin A-sensitive repression of the human 5-HT1A receptor gene. <i>Journal of Neurochemistry</i> , 2004 , 88, 857-68	6	40
158	Characterization of BHC80 in BRAF-HDAC complex, involved in neuron-specific gene repression. 2004 , 322, 601-8		35
157	Molecular mechanisms regulating cell type specific expression of BMP/RA Inducible Neural-specific Protein-1 that suppresses cell cycle progression: roles of NRSF/REST and DNA methylation. 2004 , 125, 47-59		10

156	Localized domains of G9a-mediated histone methylation are required for silencing of neuronal genes. 2004 , 14, 727-38	221
155	Neuronal K+/Cl- co-transporter (KCC2) transgenes lacking neurone restrictive silencer element recapitulate CNS neurone-specific expression and developmental up-regulation of endogenous 6 KCC2 gene. <i>Journal of Neurochemistry</i> , 2005 , 95, 1144-55	34
154	Expression of the repressor element-1 silencing transcription factor (REST) is influenced by insulin-like growth factor-I in differentiating human neuroblastoma cells. 2005 , 21, 46-58	15
153	Epigenetic mechanisms in memory formation. 2005 , 6, 108-18	603
152	IB1/JIP-1 controls JNK activation and increased during prostatic LNCaP cells neuroendocrine differentiation. 2005 , 17, 929-39	24
151	The many faces of REST oversee epigenetic programming of neuronal genes. 2005 , 15, 500-6	340
150	Remodeling chromatin and stress resistance in the central nervous system: histone deacetylase inhibitors as novel and broadly effective neuroprotective agents. 2005 , 4, 41-50	120
149	Distinct profiles of REST interactions with its target genes at different stages of neuronal development. 2005 , 16, 5630-8	142
148	Probing lysine acetylation in proteins: strategies, limitations, and pitfalls of in vitro acetyltransferase assays. 2005 , 4, 1226-39	42
147	Small CTD phosphatases function in silencing neuronal gene expression. 2005 , 307, 596-600	183
146	Sin3: a flexible regulator of global gene expression and genome stability. 2005 , 47, 1-17	230
145	The neural repressor NRSF/REST binds the PAH1 domain of the Sin3 corepressor by using its distinct short hydrophobic helix. 2005 , 354, 903-15	62
144	Role of NRSF/REST in the molecular mechanisms regulating neural-specific expression of trkC/neurotrophin-3 receptor gene. 2005 , 135, 249-59	9
143	Signal transduction mechanisms in memory disorders. 2006 , 157, 25-41	9
142	A component of BRAF-HDAC complex, BHC80, is required for neonatal survival in mice. 2006 , 580, 3129-35	13
141	Regulation of human tyrosine hydroxylase gene by neuron-restrictive silencer factor. 2006 , 346, 426-35	35
140	Mouse LGI3 gene: expression in brain and promoter analysis. 2006 , 372, 8-17	25
139	Class II HDACs mediate CaMK-dependent signaling to NRSF in ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2006 , 41, 1010-22	45

(2007-2006)

138	Multiple chromatin modifications important for gene expression changes in cardiac hypertrophy. 2006 , 34, 1138-40		4
137	Characterization of the REST/NRSF-interacting LIM domain protein (RILP): localization and interaction with REST/NRSF. <i>Journal of Neurochemistry</i> , 2006 , 96, 1130-8	6	38
136	The transcriptional repressor REST is a critical regulator of the neurosecretory phenotype. <i>Journal of Neurochemistry</i> , 2006 , 98, 1828-40	6	38
135	Inhibition of histone deacetylation protects wild-type but not gelsolin-deficient neurons from oxygen/glucose deprivation. <i>Journal of Neurochemistry</i> , 2006 , 98, 1019-31	6	39
134	A role for the transcriptional repressor REST in maintaining the phenotype of neurosecretory-deficient PC12 cells. <i>Journal of Neurochemistry</i> , 2006 , 99, 1435-44	6	25
133	2-Deoxy-D-glucose reduces epilepsy progression by NRSF-CtBP-dependent metabolic regulation of chromatin structure. 2006 , 9, 1382-7		338
132	Histone deacetylase inhibitors as therapeutics for polyglutamine disorders. 2006 , 7, 784-96		176
131	SWI/SNF complex is essential for NRSF-mediated suppression of neuronal genes in human nonsmall cell lung carcinoma cell lines. 2006 , 25, 470-9		60
130	Identification of repressor element 1 in secretin/PACAP/VIP genes. 2006, 1070, 388-92		4
129	CoREST-like complexes regulate chromatin modification and neuronal gene expression. <i>Journal of Molecular Neuroscience</i> , 2006 , 29, 227-39	3.3	61
128	Regulation and role of REST and REST4 variants in modulation of gene expression in in vivo and in vitro in epilepsy models. <i>Neurobiology of Disease</i> , 2006 , 24, 41-52	7.5	67
127	Identification of the REST regulon reveals extensive transposable element-mediated binding site duplication. <i>Nucleic Acids Research</i> , 2006 , 34, 3862-77	20.1	114
126	Rationale for the use of histone deacetylase inhibitors as a dual therapeutic modality in multiple sclerosis. 2006 , 1, 67-75		84
125	A repressor complex, AP4 transcription factor and geminin, negatively regulates expression of target genes in nonneuronal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 13074-9	11.5	66
124	BRG1 chromatin remodeling activity is required for efficient chromatin binding by repressor element 1-silencing transcription factor (REST) and facilitates REST-mediated repression. 2006 , 281, 38974-80		82
123	Reciprocal actions of REST and a microRNA promote neuronal identity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 2422-7	11.5	612
122	Essential dosage-dependent functions of the transcription factor yin yang 1 in late embryonic development and cell cycle progression. <i>Molecular and Cellular Biology</i> , 2006 , 26, 3565-81	4.8	149
121	Loss of huntingtin function complemented by small molecules acting as repressor element 1/neuron restrictive silencer element silencer modulators. 2007 , 282, 24554-62		33

120	Histone deacetylases 1 and 2 redundantly regulate cardiac morphogenesis, growth, and contractility. 2007 , 21, 1790-802		519
119	Regulation of tryptophan hydroxylase-2 gene expression by a bipartite RE-1 silencer of transcription/neuron restrictive silencing factor (REST/NRSF) binding motif. 2007 , 282, 26717-26724		36
118	The microRNA miR-124 antagonizes the anti-neural REST/SCP1 pathway during embryonic CNS development. 2007 , 21, 744-9		523
117	The repressor element 1-silencing transcription factor regulates heart-specific gene expression using multiple chromatin-modifying complexes. <i>Molecular and Cellular Biology</i> , 2007 , 27, 4082-92	4.8	46
116	Events at the transition between cell cycle exit and oligodendrocyte progenitor differentiation: the role of HDAC and YY1. 2007 , 3, 221-31		34
115	Ischemic insults promote epigenetic reprogramming of mu opioid receptor expression in hippocampal neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 4170-5	11.5	120
114	Synergy between the RE-1 silencer of transcription and NFkappaB in the repression of the neurotransmitter gene TAC1 in human mesenchymal stem cells. 2007 , 282, 30039-50		31
113	Role of brain-derived neurotrophic factor in Huntingtonß disease. <i>Progress in Neurobiology</i> , 2007 , 81, 294-330	10.9	419
112	RE1 Silencing transcription factor maintains a repressive chromatin environment in embryonic hippocampal neural stem cells. 2007 , 25, 354-63		67
111	Histone deacetylase inhibition-mediated differentiation of RGC-5 cells and interaction with survival. 2007 , 48, 2845-57		36
110	Chromatin crosstalk in development and disease: lessons from REST. 2007, 8, 544-54		300
109	REST is a key regulator in brain-specific homeobox gene expression during neuronal differentiation. <i>Journal of Neurochemistry</i> , 2007 , 103, 2565-74	6	14
108	Evidence of postnatal neurogenesis in dorsal root ganglion: role of nitric oxide and neuronal restrictive silencer transcription factor. <i>Journal of Molecular Neuroscience</i> , 2007 , 32, 97-107	3.3	17
107	Post-translational modifications of nucleosomal histones in oligodendrocyte lineage cells in development and disease. <i>Journal of Molecular Neuroscience</i> , 2008 , 35, 13-22	3.3	43
106	SAR and QSAR study on 2-aminothiazole derivatives, modulators of transcriptional repression in Huntington® disease. 2008 , 16, 5695-703		43
105	Neural stem cells in the mammalian brain. 2008 , 265, 55-109		8
104	Genomic regulation of neural stem cells in mammals. 2008, 44, 247-256		
103	Regulatory role of neuron-restrictive silencing factor in the specific expression of cocaine- and amphetamine-regulated transcript gene. <i>Journal of Neurochemistry</i> , 2008 , 106, 1314-24	6	12

1	02	Complementary roles for histone deacetylases 1, 2, and 3 in differentiation of pluripotent stem cells. 2008 , 76, 348-56		42
1	01	Epigenetics IChromatin Structure and Rett Syndrome. 2008, 859-878		
1	00	Mediator links epigenetic silencing of neuronal gene expression with x-linked mental retardation. 2008 , 31, 347-59		185
9	9	CDYL bridges REST and histone methyltransferases for gene repression and suppression of cellular transformation. 2008 , 32, 718-26		104
9	8	Inhibition of histone deacetylation protects wildtype but not gelsolin-deficient mice from ischemic brain injury. 2008 , 210, 531-42		86
9	7	Epigenetic mechanisms regulating fate specification of neural stem cells. 2008 , 363, 2099-109		66
9	6	Regulation of gene expression in the nervous system. 2008 , 414, 327-41		56
9	5	Dual role of NRSF/REST in activation and repression of the glucocorticoid response. 2008 , 283, 110-119		29
9	4	Transcription of the chicken Grin1 gene is regulated by the activity of SP3 and NRSF in undifferentiated cells and neurons. 2008 , 28, 177-88		5
9.	3	Drosophila histone deacetylase-3 controls imaginal disc size through suppression of apoptosis. <i>PLoS Genetics</i> , 2008 , 4, e1000009	6	19
9	2	Chromatin switching and transcriptional regulation in disease. 2008 , 36, 599-602		2
9	1	Epigenetic modification is involved in aberrant expression of class III Eubulin, TUBB3, in ovarian cancer cells. 2008 ,		2
9	О	Histone deacetylase HDAC1/HDAC2-controlled embryonic development and cell differentiation. <i>International Journal of Developmental Biology</i> , 2009 , 53, 275-89	1.9	124
8	9	Repression of ESR1 through actions of estrogen receptor alpha and Sin3A at the proximal promoter. <i>Molecular and Cellular Biology</i> , 2009 , 29, 4949-58	4.8	62
8	8	Regulation of aldosterone and cortisol production by the transcriptional repressor neuron restrictive silencer factor. <i>Endocrinology</i> , 2009 , 150, 3110-7	4.8	14
8	7	The human neurokinin B gene, TAC3, and its promoter are regulated by Neuron Restrictive Silencing Factor (NRSF) transcription factor family. <i>Neuropeptides</i> , 2009 , 43, 333-40	3.3	19
8	6	Oxidative stress disrupts oligodendrocyte maturation. <i>Journal of Neuroscience Research</i> , 2009 , 87, 3076-	- 8 74	130
8	5	RE1 silencing transcription factor is involved in regulating neuron-specific expression of alpha-internexin and neurofilament genes. <i>Journal of Neurochemistry</i> , 2009 , 109, 1610-23	6	10

84	Epigenetic background of neuronal fate determination. <i>Progress in Neurobiology</i> , 2009 , 87, 98-117	10.9	22
83	Profiling RE1/REST-mediated histone modifications in the human genome. <i>Genome Biology</i> , 2009 , 10, R9	18.3	62
82	Turning REST/NRSF dysfunction in Huntington® disease into a pharmaceutical target. <i>Current Pharmaceutical Design</i> , 2009 , 15, 3958-67	3.3	26
81	The role of REST in transcriptional and epigenetic dysregulation in Huntingtonß disease. Neurobiology of Disease, 2010 , 39, 28-39	7.5	115
80	Can controversies be put to REST?. <i>Nature</i> , 2010 , 467, E3-4; discussion E5	50.4	10
79	Regulation of protocadherin gene expression by multiple neuron-restrictive silencer elements scattered in the gene cluster. <i>Nucleic Acids Research</i> , 2010 , 38, 4985-97	20.1	23
78	Molecular Genetic Mechanisms for Long-Term Information Storage at the Cellular Level. 2010 , 236-267		
77	Maximum growth and survival of estrogen receptor-alpha positive breast cancer cells requires the Sin3A transcriptional repressor. <i>Molecular Cancer</i> , 2010 , 9, 263	42.1	18
76	Zinc-finger protein 90 negatively regulates neuron-restrictive silencer factor-mediated transcriptional repression of fetal cardiac genes. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 50, 972-81	5.8	9
75	Emerging roles of epigenetic mechanisms in the enduring effects of early-life stress and experience on learning and memory. <i>Neurobiology of Learning and Memory</i> , 2011 , 96, 79-88	3.1	80
74	REST: transcriptional and epigenetic regulator. <i>Epigenomics</i> , 2011 , 3, 47-58	4.4	25
73	Genetic ablation of a candidate tumor suppressor gene, Rest, does not promote mouse colon carcinogenesis. <i>Cancer Science</i> , 2011 , 102, 1659-64	6.9	12
72	Rescue of gene expression by modified REST decoy oligonucleotides in a cellular model of Huntington® disease. <i>Journal of Neurochemistry</i> , 2011 , 116, 415-25	6	39
71	Neuron-restrictive silencer factor is not required for the antiepileptic effect of the ketogenic diet. <i>Epilepsia</i> , 2011 , 52, 1609-16	6.4	21
70	Distinct gene expression profiles directed by the isoforms of the transcription factor neuron-restrictive silencer factor in human SK-N-AS neuroblastoma cells. <i>Journal of Molecular Neuroscience</i> , 2011 , 44, 77-90	3.3	7
69	Targeting Huntingtonß disease through histone deacetylases. Clinical Epigenetics, 2011, 2, 257-77	7.7	20
68	Involvement of REST corepressor 3 in prognosis of human hepatitis B. <i>Acta Pharmacologica Sinica</i> , 2011 , 32, 1019-24	8	2
67	Epigenetic regulation of gene expression in physiological and pathological brain processes. <i>Physiological Reviews</i> , 2011 , 91, 603-49	47.9	279

66	Coassembly of REST and its cofactors at sites of gene repression in embryonic stem cells. <i>Genome Research</i> , 2011 , 21, 1284-93	9.7	43
65	The master negative regulator REST/NRSF controls adult neurogenesis by restraining the neurogenic program in quiescent stem cells. <i>Journal of Neuroscience</i> , 2011 , 31, 9772-86	6.6	186
64	Position-dependent effect of a neural-restrictive silencer-like element present in the promoter downstream of the SCG10-like protein gene. <i>Journal of Biochemistry</i> , 2011 , 150, 451-60	3.1	3
63	The SET-domain protein SUVR5 mediates H3K9me2 deposition and silencing at stimulus response genes in a DNA methylation-independent manner. <i>PLoS Genetics</i> , 2012 , 8, e1002995	6	29
62	REST regulates the pool size of the different neural lineages by restricting the generation of neurons and oligodendrocytes from neural stem/progenitor cells. <i>Development (Cambridge)</i> , 2012 , 139, 2878-90	6.6	29
61	Induction of the RNA regulator LIN28A is required for the growth and pathogenesis of RESTless breast tumors. <i>Cancer Research</i> , 2012 , 72, 3207-16	10.1	11
60	Targeting Epigenetic Abnormalities in the Brain. 2012 , 409-426		
59	Epigenetics and epilepsy. <i>Epilepsia</i> , 2012 , 53 Suppl 9, 2-10	6.4	62
58	REST is up-regulated by epidermal growth factor in HeLa cells and inhibits apoptosis by influencing histone H3 acetylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012 , 1823, 1252-63	4.9	6
57	Exercise and diabetes have opposite effects on the assembly and O-GlcNAc modification of the mSin3A/HDAC1/2 complex in the heart. <i>Cardiovascular Diabetology</i> , 2013 , 12, 101	8.7	40
56	Sin3: insight into its transcription regulatory functions. European Journal of Cell Biology, 2013, 92, 237-4	166.1	92
55	Binding of the repressor complex REST-mSIN3b by small molecules restores neuronal gene transcription in Huntington® disease models. <i>Journal of Neurochemistry</i> , 2013 , 127, 22-35	6	33
54	Epigenetic control of neurotransmitter expression in olfactory bulb interneurons. <i>International Journal of Developmental Neuroscience</i> , 2013 , 31, 415-23	2.7	19
53	Neuron-restrictive silencer factor functions to suppress Sp1-mediated transactivation of human secretin receptor gene. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013 , 1829, 231-8	6	2
52	Like a rolling histone: epigenetic regulation of neural stem cells and brain development by factors controlling histone acetylation and methylation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 2354-60	4	40
51	Immune mediators regulate CFTR expression through a bifunctional airway-selective enhancer. <i>Molecular and Cellular Biology</i> , 2013 , 33, 2843-53	4.8	22
50	An Overview of the Molecular Basis of Epigenetics. 2013 , 3-33		4
49	Genomic targets, and histone acetylation and gene expression profiling of neural HDAC inhibition. Nucleic Acids Research, 2013, 41, 8072-84	20.1	78

48	Neural restrictive silencer factor and choline acetyltransferase expression in cerebral tissue of Alzheimerß Disease patients: A pilot study. <i>Genetics and Molecular Biology</i> , 2013 , 36, 28-36	2	13
47	MicroRNA miR-29c down-regulation leading to de-repression of its target DNA methyltransferase 3a promotes ischemic brain damage. <i>PLoS ONE</i> , 2013 , 8, e58039	3.7	85
46	An RNA binding protein promotes axonal integrity in peripheral neurons by destabilizing REST. <i>Journal of Neuroscience</i> , 2014 , 34, 16650-61	6.6	10
45	50 years of research on the phenomena and epigenetic mechanism of neurogenesis. <i>Neuroscience Research</i> , 2014 , 86, 3-13	2.9	3
44	Suppression of histone deacetylation promotes the differentiation of human pluripotent stem cells towards neural progenitor cells. <i>BMC Biology</i> , 2014 , 12, 95	7.3	29
43	50 years of research on the phenomena and epigenetic mechanism of neurogenesis. <i>Neuroscience Research</i> , 2014 , 83, 43-53	2.9	
42	Neurotrophic Factors. Handbook of Experimental Pharmacology, 2014,	3.2	24
41	Neurotrophins: transcription and translation. <i>Handbook of Experimental Pharmacology</i> , 2014 , 220, 67-10	06.2	68
40	dLin52 is crucial for dE2F and dRBF mediated transcriptional regulation of pro-apoptotic gene hid. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014 , 1839, 800-12	6	
39	Molecular Biomarkers for Embryonic and Adult Neural Stem Cell and Neurogenesis. <i>BioMed Research International</i> , 2015 , 2015, 727542	3	104
39		3 4.5	104
	Research International, 2015 , 2015, 727542	4.5	
38	Research International, 2015, 2015, 727542 Identification of REST targets in the Xenopus tropicalis genome. BMC Genomics, 2015, 16, 380 Type 1 Insulin-Like Growth Factor Receptor/Insulin Receptor Substrate 1 Signaling Confers	4.5	4
38	Research International, 2015, 2015, 727542 Identification of REST targets in the Xenopus tropicalis genome. BMC Genomics, 2015, 16, 380 Type 1 Insulin-Like Growth Factor Receptor/Insulin Receptor Substrate 1 Signaling Confers Pathogenic Activity on Breast Tumor Cells Lacking REST. Molecular and Cellular Biology, 2015, 35, 2991- TSPYL2 is an essential component of the REST/NRSF transcriptional complex for TGFB ignaling	4·5 3 0 84	9
38 37 36	Identification of REST targets in the Xenopus tropicalis genome. <i>BMC Genomics</i> , 2015 , 16, 380 Type 1 Insulin-Like Growth Factor Receptor/Insulin Receptor Substrate 1 Signaling Confers Pathogenic Activity on Breast Tumor Cells Lacking REST. <i>Molecular and Cellular Biology</i> , 2015 , 35, 2991-TSPYL2 is an essential component of the REST/NRSF transcriptional complex for TGFIsignaling activation. <i>Cell Death and Differentiation</i> , 2015 , 22, 1353-62 NRSF is an essential mediator for the neuroprotection of trichostatin A in the MPTP mouse model	4·5 3004 12.7	9 21
38 37 36 35	Identification of REST targets in the Xenopus tropicalis genome. <i>BMC Genomics</i> , 2015 , 16, 380 Type 1 Insulin-Like Growth Factor Receptor/Insulin Receptor Substrate 1 Signaling Confers Pathogenic Activity on Breast Tumor Cells Lacking REST. <i>Molecular and Cellular Biology</i> , 2015 , 35, 2991-TSPYL2 is an essential component of the REST/NRSF transcriptional complex for TGFBignaling activation. <i>Cell Death and Differentiation</i> , 2015 , 22, 1353-62 NRSF is an essential mediator for the neuroprotection of trichostatin A in the MPTP mouse model of Parkinson® disease. <i>Neuropharmacology</i> , 2015 , 99, 67-78	4·5 3004 12.7	4 9 21 34
38 37 36 35 34	Identification of REST targets in the Xenopus tropicalis genome. <i>BMC Genomics</i> , 2015 , 16, 380 Type 1 Insulin-Like Growth Factor Receptor/Insulin Receptor Substrate 1 Signaling Confers Pathogenic Activity on Breast Tumor Cells Lacking REST. <i>Molecular and Cellular Biology</i> , 2015 , 35, 2991-TSPYL2 is an essential component of the REST/NRSF transcriptional complex for TGFlsignaling activation. <i>Cell Death and Differentiation</i> , 2015 , 22, 1353-62 NRSF is an essential mediator for the neuroprotection of trichostatin A in the MPTP mouse model of Parkinson® disease. <i>Neuropharmacology</i> , 2015 , 99, 67-78 NRSF/REST regulates the mTOR signaling pathway in oral cancer cells. <i>Oncology Reports</i> , 2015 , 33, 1459. Early-life adversity programs emotional functions and the neuroendocrine stress system: the	4.5 3004 12.7 5.5	4 9 21 34

30	Interactomic analysis of REST/NRSF and implications of its functional links with the transcription suppressor TRIM28 during neuronal differentiation. <i>Scientific Reports</i> , 2016 , 6, 39049	4.9	11
29	Regulation of neural gene transcription by optogenetic inhibition of the RE1-silencing transcription factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E91-	100 ⁻⁵	38
28	Functional characterization of the neuron-restrictive silencer element in the human tryptophan hydroxylase 2 gene expression. <i>Journal of Neurochemistry</i> , 2017 , 142, 827-840	6	4
27	Regulation of Inflammatory Signaling in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017 ,	3.6	4
26	Roles of HDACs in the Responses of Innate Immune Cells and as Targets in Inflammatory Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1024, 91-110	3.6	3
25	Epigenetic Regulation of BDNF Gene during Development and Diseases. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	34
24	The role of REST and HDAC2 in epigenetic dysregulation of Nav1.5 and nNav1.5 expression in breast cancer. <i>Cancer Cell International</i> , 2017 , 17, 74	6.4	16
23	Discovery and validation of information theory-based transcription factor and cofactor binding site motifs. <i>Nucleic Acids Research</i> , 2017 , 45, e27	20.1	18
22	Breast carcinoma is a multifactorial disease involving FOXN3, SINA3 and NEAT through repression of GATA3 and TJP. <i>Journal of Thoracic Disease</i> , 2018 , 10, 1167-1171	2.6	2
21	Harnessing the HDAC-histone deacetylase enzymes, inhibitors and how these can be utilised in tissue engineering. <i>International Journal of Oral Science</i> , 2019 , 11, 20	27.9	23
20	The Functional Role of Voltage-Gated Sodium Channel Nav1.5 in Metastatic Breast Cancer. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1111	5.6	12
19	Epigenetic regulation for acquiring glial identity by neural stem cells during cortical development. <i>Glia</i> , 2020 , 68, 1554-1567	9	8
18	MAGIC: A tool for predicting transcription factors and cofactors driving gene sets using ENCODE data. <i>PLoS Computational Biology</i> , 2020 , 16, e1007800	5	10
17	Enlightening Allostery: Designing Switchable Proteins by Photoreceptor Fusion. <i>Advanced Biology</i> , 2021 , 5, e2000181		7
16	The functions of repressor element 1-silencing transcription factor in models of epileptogenesis and post-ischemia. <i>Metabolic Brain Disease</i> , 2021 , 36, 1135-1150	3.9	1
15	Transcriptional Dysregulation in Huntington® Disease: The Role in Pathogenesis and Potency for Pharmacological Targeting. <i>Current Medicinal Chemistry</i> , 2021 , 28, 2783-2806	4.3	3
14	The Genome-Wide Binding Profile for Human RE1 Silencing Transcription Factor Unveils a Unique Genetic Circuitry in Hippocampus. <i>Journal of Neuroscience</i> , 2021 , 41, 6582-6595	6.6	1
13	Fate Specification of Neural Stem Cells. 2011 , 87-107		3

12	MAGIC: A tool for predicting transcription factors and cofactors binding sites in gene sets using ENCODE data.		4
11	The transcription factor REST is lost in aggressive breast cancer. <i>PLoS Genetics</i> , 2010 , 6, e1000979	6	66
10	Transcriptional regulation of adult neural stem/progenitor cells: tales from the subventricular zone. <i>Neural Regeneration Research</i> , 2020 , 15, 1773-1783	4.5	4
9	The REST remodeling complex protects genomic integrity during embryonic neurogenesis. <i>ELife</i> , 2016 , 5, e09584	8.9	42
8	Neuronal Gene Regulation by the Neural likestrictive Silencer (NRS). <i>Advances in Behavioral Biology</i> , 2002 , 205-208		
7	Role of Histone Deacetylases in Transcriptional Control of the Hepatic Stellate Cell Phenotype. 2003 , 189-205		
6	Genomic regulation of neural stem cells in mammals. 2010 , 44, 247		
5	Genomic regulation of neural stem cells in mammals. 2010 , 44, 247 Regulation of SLITRK1 gene by neuron restrictive silencer factor in NMB cells. <i>Oral Biology Research</i> , 2013 , 37, 88-97	O	
	Regulation of SLITRK1 gene by neuron restrictive silencer factor in NMB cells. <i>Oral Biology Research</i>	O	
5	Regulation of SLITRK1 gene by neuron restrictive silencer factor in NMB cells. <i>Oral Biology Research</i> , 2013 , 37, 88-97 NRSFEhediated repression of neuronal genes in developing brain persists in the absence of	0 4.8	1
5	Regulation of SLITRK1 gene by neuron restrictive silencer factor in NMB cells. <i>Oral Biology Research</i> , 2013 , 37, 88-97 NRSFihediated repression of neuronal genes in developing brain persists in the absence of NRSF-Sin3 interaction. Loss of REST in breast cancer promotes tumor progression through estrogen sensitization, MMP24		1