

# CITATION REPORT

List of articles citing

**Disease-associated intronic variants in the ErbB4 gene are related to altered ErbB4 splice-variant expression in the brain in schizophrenia**

**DOI: 10.1093/hmg/ddl449**

**Human Molecular Genetics, 2007, 16, 129-41.**

**Source:** <https://exaly.com/paper-pdf/42318875/citation-report.pdf>

**Version:** 2024-04-17

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
270	Neuregulin-1 signaling in schizophrenia. <b>2007</b> , 2, 477-480		
269	The neuregulin-1 receptor erbB4 controls glutamatergic synapse maturation and plasticity. <b>2007</b> , 54, 583-97		285
268	Neuregulin-1 enhances depolarization-induced GABA release. <b>2007</b> , 54, 599-610		243
267	Developmental profile of neuregulin receptor ErbB4 in postnatal rat cerebral cortex and hippocampus. <b>2007</b> , 148, 126-39		20
266	Expression and initial characterization of human ALDH3B1. <b>2007</b> , 356, 792-8		36
265	Neuregulin3 alters cell fate in the epidermis and mammary gland. <b>2007</b> , 7, 105		34
264	Splicing in disease: disruption of the splicing code and the decoding machinery. <i>Nature Reviews Genetics</i> , <b>2007</b> , 8, 749-61	30.1	735
263	d-Amino acid oxidase and serine racemase in human brain: normal distribution and altered expression in schizophrenia. <b>2007</b> , 26, 1657-69		143
262	Convergence and divergence in the etiology of myelin impairment in psychiatric disorders and drug addiction. <b>2008</b> , 33, 1940-9		38
261	The role of NRG3 in mammary development. <b>2008</b> , 13, 195-203		13
260	Association and interaction analyses of NRG1 and ERBB4 genes with schizophrenia in a Japanese population. <b>2008</b> , 53, 929-935		27
259	No association between the protein tyrosine phosphatase, receptor-type, Z Polypeptide 1 (PTPRZ1) gene and schizophrenia in the Japanese population. <b>2008</b> , 147B, 1013-8		3
258	IFIH1-GCA-KCNH7 locus: influence on multiple sclerosis risk. <i>European Journal of Human Genetics</i> , <b>2008</b> , 16, 861-4	5.3	47
257	Neuregulin 1 in neural development, synaptic plasticity and schizophrenia. <b>2008</b> , 9, 437-52		770
256	Identification of association of common AGGF1 variants with susceptibility for Klippel-Trenaunay syndrome using the structure association program. <b>2008</b> , 72, 636-43		54
255	Associations between cytokine/cytokine receptor single nucleotide polymorphisms and humoral immunity to measles, mumps and rubella in a Somali population. <b>2008</b> , 72, 211-20		45
254	Elevated neuregulin-1 and ErbB4 protein in the prefrontal cortex of schizophrenic patients. <b>2008</b> , 100, 270-80		153

253	Neuregulin 3 genetic variations and susceptibility to schizophrenia in a Chinese population. <i>Biological Psychiatry</i> , <b>2008</b> , 64, 1093-6	7.9	37
252	Mechanisms of neuregulin action. <b>2008</b> , 289, 74-84; discussion 84-93		46
251	Specific developmental reductions in subventricular zone ErbB1 and ErbB4 mRNA in the human brain. <b>2008</b> , 26, 791-803		15
250	Associations between SNPs in toll-like receptors and related intracellular signaling molecules and immune responses to measles vaccine: preliminary results. <b>2008</b> , 26, 1731-6		125
249	Rare structural variants disrupt multiple genes in neurodevelopmental pathways in schizophrenia. <b>2008</b> , 320, 539-43		1443
248	Type III neuregulin-1 is required for normal sensorimotor gating, memory-related behaviors, and corticostriatal circuit components. <b>2008</b> , 28, 6872-83		175
247	Isoform-specific monoubiquitination, endocytosis, and degradation of alternatively spliced ErbB4 isoforms. <b>2008</b> , 105, 4162-7		79
246	ErbB4 and its isoforms: patentable drug targets?. <b>2008</b> , 2, 27-33		7
245	Alteration of BACE1-dependent NRG1/ErbB4 signaling and schizophrenia-like phenotypes in BACE1-null mice. <b>2008</b> , 105, 5585-90		245
244	Regulation of NMDA Receptors by Kinases and Phosphatases. <b>2008</b> , 123-148		1
243	ErbB4 is a suppressor of long-term potentiation in the adult hippocampus. <b>2008</b> , 19, 139-43		54
242	Neurobiological endophenotypes of psychosis and schizophrenia. 61-80		6
241	ErbB4 genotype predicts left frontotemporal structural connectivity in human brain. <i>Neuropsychopharmacology</i> , <b>2009</b> , 34, 641-50	8.7	60
240	Transcriptional interaction of an estrogen receptor splice variant and ErbB4 suggests convergence in gene susceptibility pathways in schizophrenia. <b>2009</b> , 284, 18824-32		26
239	Altered growth factor signaling pathways as the basis of aberrant stem cell maturation in schizophrenia. <b>2009</b> , 121, 115-22		52
238	Differential erbB signaling in astrocytes from the cerebral cortex and the hypothalamus of the human brain. <b>2009</b> , 57, 362-79		42
237	Neuregulin 1, brain region specificity and PI3K/Akt in schizophrenia: comment on "Neuregulin 1 ICE-single nucleotide polymorphism in first episode schizophrenia correlates with cerebral activation in fronto-temporal area". <b>2009</b> , 259, 307-8		2
236	Real-time quantitative polymerase chain reaction (qPCR) analysis with fluorescence resonance energy transfer (FRET) probes reveals differential expression of the four ERBB4 juxtamembrane region variants between medulloblastoma and pilocytic astrocytoma. <b>2009</b> , 35, 353-366		14

235	Early myoclonic encephalopathy caused by a disruption of the neuregulin-1 receptor ErbB4. <i>European Journal of Human Genetics</i> , <b>2009</b> , 17, 378-82	5.3	37
234	Hip geometry variation is associated with bone mineralization pathway gene variants: The Framingham Study. <b>2010</b> , 25, 1564-71		19
233	Mice mutant for genes associated with schizophrenia: common phenotype or distinct endophenotypes?. <b>2009</b> , 204, 258-73		47
232	DISC1 regulates new neuron development in the adult brain via modulation of AKT-mTOR signaling through KIAA1212. <b>2009</b> , 63, 761-73		258
231	Expression of ErbB4 in substantia nigra dopamine neurons of monkeys and humans. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2009</b> , 33, 701-6	5.5	24
230	Does the presenilin 2 gene predispose to schizophrenia?. <b>2009</b> , 109, 121-9		12
229	Positive and negative symptoms in schizophrenia: the NMDA receptor hypofunction hypothesis, neuregulin/ErbB4 and synapse regression. <b>2009</b> , 43, 711-21		35
228	Can the role of genetic factors in schizophrenia be enlightened by studies of candidate gene mutant mice behaviour?. <i>World Journal of Biological Psychiatry</i> , <b>2009</b> , 10, 778-97	3.8	8
227	Molecular characterization, expression analysis, and role of ALDH3B1 in the cellular protection against oxidative stress. <b>2010</b> , 49, 1432-43		33
226	The PI3K/Akt pathway may play a key role in social isolation-caused schizophrenia comment re: Increased dopamine D2(High) receptors in rats reared in social isolation. <b>2010</b> , 64, 486-7		4
225	The genetics of latent inhibition: studies of inbred and mutant mice. 225-251		1
224	Molecular cloning and characterization of the human ErbB4 gene: identification of novel splice isoforms in the developing and adult brain. <i>PLoS ONE</i> , <b>2010</b> , 5, e12924	3.7	10
223	A comprehensive haplotype analysis of the XPC genomic sequence reveals a cluster of genetic variants associated with sensitivity to tobacco-smoke mutagens. <b>2010</b> , 115, 41-50		8
222	Common genetic variation in Neuregulin 3 (NRG3) influences risk for schizophrenia and impacts NRG3 expression in human brain. <b>2010</b> , 107, 15619-24		106
221	Neuregulin 1 regulates pyramidal neuron activity via ErbB4 in parvalbumin-positive interneurons. <b>2010</b> , 107, 1211-6		226
220	Potential of ErbB4 antibodies for cancer therapy. <b>2010</b> , 6, 37-53		27
219	Selection of reference gene expression in a schizophrenia brain cohort. <b>2010</b> , 44, 59-70		89
218	ErbB4 in parvalbumin-positive interneurons is critical for neuregulin 1 regulation of long-term potentiation. <b>2010</b> , 107, 21818-23		179

217	Expressions of neuregulin 1beta and ErbB4 in prefrontal cortex and hippocampus of a rat schizophrenia model induced by chronic MK-801 administration. <b>2010</b> , 2010, 859516	15
216	Lymphoblast and brain expression of AHI1 and the novel primate-specific gene, C6orf217, in schizophrenia and bipolar disorder. <b>2010</b> , 120, 159-66	16
215	The 2nd Schizophrenia International Research Society Conference, 10-14 April 2010, Florence, Italy: summaries of oral sessions. <b>2010</b> , 124, e1-62	4
214	Aumento de los valores de las proteñas neurregulina 1 y ErbB4 en la corteza prefrontal de pacientes esquizofrńicos. <b>2010</b> , 17, 54-62	
213	ErbB receptor signaling in astrocytes: a mediator of neuron-glia communication in the mature central nervous system. <b>2010</b> , 57, 344-58	21
212	Aberrant regulation of alternative pre-mRNA splicing in schizophrenia. <b>2010</b> , 57, 691-704	30
211	Support for the involvement of the ERBB4 gene in schizophrenia: a genetic association analysis. <b>2010</b> , 481, 120-5	17
210	Neuregulin 1-erbB4 pathway in schizophrenia: From genes to an interactome. <b>2010</b> , 83, 132-9	65
209	The neuregulin signaling pathway and schizophrenia: from genes to synapses and neural circuits. <b>2010</b> , 83, 122-31	127
208	EGFs and ERBBs--brief history and prospects. <b>2010</b> , 21, 917-21	1
207	The hippocampal formation in schizophrenia. <b>2010</b> , 167, 1178-93	403
206	Chemical genetics identifies small-molecule modulators of neuritogenesis involving neuregulin-1/ErbB4 signaling. <b>2010</b> , 1, 325-342	5
205	Genetic neuropathology of schizophrenia: new approaches to an old question and new uses for postmortem human brains. <i>Biological Psychiatry</i> , <b>2011</b> , 69, 140-5	7.9 72
204	Conserved interneuron-specific ErbB4 expression in frontal cortex of rodents, monkeys, and humans: implications for schizophrenia. <i>Biological Psychiatry</i> , <b>2011</b> , 70, 636-45	7.9 66
203	Neurogenesis in the Adult Brain II. <b>2011</b> ,	2
202	TRP channels and psychiatric disorders. <b>2011</b> , 704, 987-1009	17
201	Animal Models of Schizophrenia and Related Disorders. <b>2011</b> ,	1
200	Psychiatric Genetics and the Generation of Mutant Animal Models. <b>2011</b> , 189-209	

199	Modeling Schizophrenia in Neuregulin 1 and ErbB4 Mutant Mice. <b>2011</b> , 261-277		
198	Toll-like receptors and cytokines/cytokine receptors polymorphisms associate with non-response to hepatitis B vaccine. <b>2011</b> , 29, 706-11		56
197	Schizophrenia: susceptibility genes, dendritic-spine pathology and gray matter loss. <i>Progress in Neurobiology</i> , <b>2011</b> , 95, 275-300	10.9	85
196	Alterations in the expression of neuronal chloride transporters may contribute to schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2011</b> , 35, 410-4	5.5	20
195	Reciprocal signalling between NR2 subunits of the NMDA receptor and neuregulin1 and their role in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2011</b> , 35, 896-904	5.5	32
194	Antipsychotic treatment and neuregulin 1-ErbB4 signalling in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2011</b> , 35, 924-30	5.5	29
193	Beyond cAMP: The Regulation of Akt and GSK3 by Dopamine Receptors. <i>Frontiers in Molecular Neuroscience</i> , <b>2011</b> , 4, 38	6.1	101
192	Classical Genetic Studies of Schizophrenia. <b>2011</b> , 245-268		1
191	Schizophrenia susceptibility pathway neuregulin 1-ErbB4 suppresses Src upregulation of NMDA receptors. <b>2011</b> , 17, 470-8		126
190	Genetic variants in the ErbB4 gene are associated with white matter integrity. <b>2011</b> , 191, 133-7		34
189	Dysfunctional gene splicing as a potential contributor to neuropsychiatric disorders. <b>2011</b> , 156B, 382-92		42
188	Association of common variants in ERBB4 with congenital left ventricular outflow tract obstruction defects. <b>2011</b> , 91, 162-8		36
187	Neuroplasticity signaling pathways linked to the pathophysiology of schizophrenia. <b>2011</b> , 35, 848-70		123
186	Neuregulin 1 promotes excitatory synapse development and function in GABAergic interneurons. <b>2011</b> , 31, 15-25		162
185	Specific regulation of NRG1 isoform expression by neuronal activity. <b>2011</b> , 31, 8491-501		111
184	Function of ERBB4 is determined by alternative splicing. <b>2011</b> , 10, 2647-57		81
183	Genetic association of ErbB4 and human cortical GABA levels in vivo. <b>2011</b> , 31, 11628-32		32
182	Genomics, Proteomics, and the Nervous System. <i>Advances in Neurobiology</i> , <b>2011</b> ,	2.1	1

181	Increased expression of receptor phosphotyrosine phosphatase- $\beta$ is associated with molecular, cellular, behavioral and cognitive schizophrenia phenotypes. <i>Translational Psychiatry</i> , <b>2011</b> , 1, e8	8.6	31
180	Molecular genetic models related to schizophrenia and psychotic illness: heuristics and challenges. <b>2011</b> , 7, 87-119		12
179	Quaking regulates Hnrnpa1 expression through its 3'UTR in oligodendrocyte precursor cells. <b>2011</b> , 7, e1001269		51
178	Genome-wide copy number analysis uncovers a new HSCR gene: NRG3. <b>2012</b> , 8, e1002687		46
177	A common variant in ERBB4 regulates GABA concentrations in human cerebrospinal fluid. <i>Neuropsychopharmacology</i> , <b>2012</b> , 37, 2088-92	8.7	17
176	PI3K turns schizophrenic. <b>2012</b> , 5, 718-718		
175	Association between SNPs and gene expression in multiple regions of the human brain. <i>Translational Psychiatry</i> , <b>2012</b> , 2, e113	8.6	37
174	Schizophrenia-associated HapICE haplotype is associated with increased NRG1 type III expression and high nucleotide diversity. <i>Translational Psychiatry</i> , <b>2012</b> , 2, e104	8.6	62
173	Inhibition of GSK3 by lithium, from single molecules to signaling networks. <i>Frontiers in Molecular Neuroscience</i> , <b>2012</b> , 5, 14	6.1	163
172	Transcriptomic analysis of postmortem brain identifies dysregulated splicing events in novel candidate genes for schizophrenia. <b>2012</b> , 142, 188-99		20
171	Avoiding mouse traps in schizophrenia genetics: lessons and promises from current and emerging mouse models. <b>2012</b> , 211, 136-64		32
170	Analysis of association between common SNPs in ErbB4 and bipolar affective disorder, major depressive disorder and schizophrenia in the Han Chinese population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2012</b> , 36, 17-21	5.5	12
169	Interneuron dysfunction in psychiatric disorders. <b>2012</b> , 13, 107-20		719
168	Animal models of schizophrenia emphasizing construct validity. <i>Progress in Molecular Biology and Translational Science</i> , <b>2012</b> , 105, 411-44	4	10
167	Brain connectivity in psychiatric imaging genetics. <b>2012</b> , 62, 2250-60		52
166	Using mini-genes to identify factors that modulate alternative splicing. <b>2012</b> , 867, 349-62		3
165	Exon Skipping. <b>2012</b> ,		1
164	Finding a druggable target for schizophrenia. <b>2012</b> , 109, 11902-3		11

163	Neuregulin 1-ErbB4-PI3K signaling in schizophrenia and phosphoinositide 3-kinase-p110 inhibition as a potential therapeutic strategy. <b>2012</b> , 109, 12165-70		106
162	Synaptic dysfunction in schizophrenia. <b>2012</b> , 970, 493-516		52
161	Genetic association analysis of ERBB4 polymorphisms with the risk of schizophrenia and SPEM abnormality in a Korean population. <b>2012</b> , 1466, 146-51		11
160	A model of neuregulin control of NMDA receptors on synaptic spines. <b>2012</b> , 74, 717-35		5
159	Neuregulin-1 signalling and antipsychotic treatment: potential therapeutic targets in a schizophrenia candidate signalling pathway. <b>2013</b> , 226, 201-15		39
158	A neuregulin 1 transmembrane domain mutation causes imbalanced glutamatergic and dopaminergic receptor expression in mice. <b>2013</b> , 248, 670-80		30
157	Neuregulin 1-alpha regulates phosphorylation, acetylation, and alternative splicing in lymphoblastoid cells. <b>2013</b> , 56, 619-25		5
156	Aberrant splicing in neurological diseases. <b>2013</b> , 4, 631-49		27
155	A new single gene deletion on 2q34: ERBB4 is associated with intellectual disability. <b>2013</b> , 161A, 1487-90		22
154	Expression of immune genes on chromosome 6p21.3-22.1 in schizophrenia. <b>2013</b> , 32, 51-62		29
153	Neuregulin1 signaling promotes dendritic spine growth through kalirin. <i>Journal of Neurochemistry</i> , <b>2013</b> , 126, 625-35	6	29
152	Losing your inhibition: linking cortical GABAergic interneurons to schizophrenia. <i>Neurobiology of Disease</i> , <b>2013</b> , 53, 36-48	7.5	69
151	Tumor evolution and intratumor heterogeneity of an oropharyngeal squamous cell carcinoma revealed by whole-genome sequencing. <b>2013</b> , 15, 1371-8		65
150	Synapse-specific contributions in the cortical pathology of schizophrenia. <i>Neurobiology of Disease</i> , <b>2013</b> , 53, 26-35	7.5	22
149	ErbB1-4-dependent EGF/neuregulin signals and their cross talk in the central nervous system: pathological implications in schizophrenia and Parkinson disease. <b>2013</b> , 7, 4		79
148	Multiple variants aggregate in the neuregulin signaling pathway in a subset of schizophrenia patients. <i>Translational Psychiatry</i> , <b>2013</b> , 3, e264	8.6	31
147	Oligodendrocyte genes, white matter tract integrity, and cognition in schizophrenia. <i>Cerebral Cortex</i> , <b>2013</b> , 23, 2044-57	5.1	57
146	Schizophrenia candidate gene ERBB4: covert routes of vulnerability to psychosis detected at the population level. <i>Schizophrenia Bulletin</i> , <b>2013</b> , 39, 349-57	1.3	12



145	Fusion of large-scale genomic knowledge and frequency data computationally prioritizes variants in epilepsy. <b>2013</b> , 9, e1003797		16
144	Neuregulin-1 impairs the long-term depression of hippocampal inhibitory synapses by facilitating the degradation of endocannabinoid 2-AG. <b>2013</b> , 33, 15022-31		25
143	Developmental vulnerability of synapses and circuits associated with neuropsychiatric disorders. <i>Journal of Neurochemistry</i> , <b>2013</b> , 126, 165-82	6	85
142	Contribution of long noncoding RNAs to autism spectrum disorder risk. <b>2013</b> , 113, 35-59		33
141	Spine Homeostasis as a Novel Therapeutic Target for Schizophrenia. <b>2013</b> , S1,		1
140	Partial genetic deletion of neuregulin 1 and adolescent stress interact to alter NMDA receptor binding in the medial prefrontal cortex. <b>2014</b> , 8, 298		13
139	Schizophrenia: susceptibility genes and oligodendroglial and myelin related abnormalities. <b>2014</b> , 8, 5		67
138	Neuron-specific regulation of class I PI3K catalytic subunits and their dysfunction in brain disorders. <i>Frontiers in Molecular Neuroscience</i> , <b>2014</b> , 7, 12	6.1	37
137	Genome-wide association study on detailed profiles of smoking behavior and nicotine dependence in a twin sample. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 615-24	15.1	47
136	Long non-coding RNA-dependent transcriptional regulation in neuronal development and disease. <b>2014</b> , 5, 164		120
135	NRG1/ErbB4 and the PI3K/AKT pathway: Novel therapeutic options for schizophrenia. <b>2014</b> , 160, e10-e11		1
134	No association between NRG1 and ErbB4 genes and psychopathological symptoms of schizophrenia. <b>2014</b> , 16, 742-51		4
133	The four isoforms of the tyrosine kinase receptor ErbB4 provide neural progenitor cells with an adhesion preference for the transmembrane type III isoform of the ligand neuregulin 1. <b>2014</b> , 25, 233-41		5
132	Expression of ZNF804A in human brain and alterations in schizophrenia, bipolar disorder, and major depressive disorder: a novel transcript fetally regulated by the psychosis risk variant rs1344706. <i>JAMA Psychiatry</i> , <b>2014</b> , 71, 1112-20	14.5	89
131	Elevated ErbB4 mRNA is related to interneuron deficit in prefrontal cortex in schizophrenia. <b>2014</b> , 53, 125-32		46
130	Combined analysis of exon splicing and genome wide polymorphism data predict schizophrenia risk loci. <b>2014</b> , 52, 44-9		29
129	Genetics and smoking. <b>2014</b> , 1, 75-82		34
128	Inhibitory neurons in human cortical circuits: substrate for cognitive dysfunction in schizophrenia. <b>2014</b> , 26, 22-6		154

127	Using genetic findings in autism for the development of new pharmaceutical compounds. <b>2014</b> , 231, 1063-78		15
126	Contrasting changes in DRD1 and DRD2 splice variant expression in schizophrenia and affective disorders, and associations with SNPs in postmortem brain. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 1258-66	15.1	70
125	The WAVE regulatory complex links diverse receptors to the actin cytoskeleton. <b>2014</b> , 156, 195-207		189
124	Neuregulin-ERBB signaling in the nervous system and neuropsychiatric diseases. <b>2014</b> , 83, 27-49		342
123	Early developmental disturbances of cortical inhibitory neurons: contribution to cognitive deficits in schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2014</b> , 40, 952-7	1.3	62
122	Dopaminergic function in relation to genes associated with risk for schizophrenia: translational mutant mouse models. <b>2014</b> , 211, 79-112		17
121	Genetically modified mice related to schizophrenia and other psychoses: seeking phenotypic insights into the pathobiology and treatment of negative symptoms. <b>2014</b> , 24, 800-21		12
120	Risk genes for schizophrenia: translational opportunities for drug discovery. <b>2014</b> , 143, 34-50		24
119	The long non-coding RNA Gomafu is acutely regulated in response to neuronal activation and involved in schizophrenia-associated alternative splicing. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 486-94	15.1	302
118	Pathological aggression. 86-96		
117	Schizophrenia. 189-207		1
116	Identification and functional studies of regulatory variants responsible for the association of with a delusion phenotype in schizophrenia. <b>2015</b> , 1, 36-46		12
115	Screening of three ERBB4 gene polymorphisms in a group of Turkish schizophrenia patients and controls / ERBB4 genindeki �polimorfizmin bir T�rk �zofreni hasta grubunda ve kontrollerde taramas� <b>2015</b> , 40,		
114	ErbB4 in Laminated Brain Structures: A Neurodevelopmental Approach to Schizophrenia. <b>2015</b> , 9, 472		11
113	Neuronal migration abnormalities and its possible implications for schizophrenia. <b>2015</b> , 9, 74		49
112	Associating schizophrenia, long non-coding RNAs and neurostructural dynamics. <i>Frontiers in Molecular Neuroscience</i> , <b>2015</b> , 8, 57	6.1	22
111	Differential effects of short- and long-term antipsychotic treatment on the expression of neuregulin-1 and ErbB4 receptors in the rat brain. <b>2015</b> , 225, 347-54		11
110	Evidence for schizophrenia susceptibility alleles in the Indian population: An association of neurodevelopmental genes in case-control and familial samples. <b>2015</b> , 162, 112-7		21

109	Src kinase as a mediator of convergent molecular abnormalities leading to NMDAR hypoactivity in schizophrenia. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 1091-100	15.1	47
108	Glia-related genes and their contribution to schizophrenia. <b>2015</b> , 69, 448-61		22
107	Schizophrenia: Evidence implicating hippocampal GluN2B protein and REST epigenetics in psychosis pathophysiology. <b>2015</b> , 309, 233-42		20
106	ERBB4 polymorphism and family history of psychiatric disorders on age-related cortical changes in healthy children. <i>Brain Imaging and Behavior</i> , <b>2015</b> , 9, 128-40	4.1	1
105	Mechanisms of Long Non-coding RNAs in Mammalian Nervous System Development, Plasticity, Disease, and Evolution. <b>2015</b> , 88, 861-877		275
104	The current and potential impact of genetics and genomics on neuropsychopharmacology. <b>2015</b> , 25, 671-81		9
103	Neurodevelopment, GABA system dysfunction, and schizophrenia. <i>Neuropsychopharmacology</i> , <b>2015</b> , 40, 190-206	8.7	127
102	Recent genetic findings in schizophrenia and their therapeutic relevance. <b>2015</b> , 29, 85-96		124
101	Perinatal asphyxia alters neuregulin-1 and COMT gene expression in the medial prefrontal cortex in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2015</b> , 56, 149-54	5.5	11
100	Modeling Schizophrenia in Animals. <b>2016</b> , 353-381		
99	Dimensions of GSK3 Monoamine-Related Intracellular Signaling in Schizophrenia. <i>Handbook of Behavioral Neuroscience</i> , <b>2016</b> , 23, 447-462	0.7	
98	Neuregulin-1 Regulates Cortical Inhibitory Neuron Dendrite and Synapse Growth through DISC1. <b>2016</b> , 2016, 7694385		11
97	Genetic Consideration of Schizotypal Traits: A Review. <b>2016</b> , 7, 1769		26
96	Behavioral, Neurophysiological, and Synaptic Impairment in a Transgenic Neuregulin1 (NRG1-IV) Murine Schizophrenia Model. <b>2016</b> , 36, 4859-75		38
95	Pathological Basis for Deficient Excitatory Drive to Cortical Parvalbumin Interneurons in Schizophrenia. <b>2016</b> , 173, 1131-1139		81
94	Neuregulin1 alpha activates migration of neuronal progenitors expressing ErbB4. <b>2016</b> , 77, 87-94		11
93	Neuregulin 3 Knockout Mice Exhibit Behaviors Consistent with Psychotic Disorders. <b>2016</b> , 2, 79-87		20
92	Alterations in Prefrontal Cortical Circuitry and Cognitive Dysfunction in Schizophrenia. <b>2016</b> , 63, 31-75		7

91	Calpain-Dependent ErbB4 Cleavage Is Involved in Brain Ischemia-Induced Neuronal Death. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 2600-9	6.2	13
90	LncRNA MIAT: Myocardial infarction associated and more. <b>2016</b> , 578, 158-61		73
89	Regulation of neuronal-glia fate specification by long non-coding RNAs. <b>2016</b> , 27, 491-9		7
88	Dysregulated ErbB4 Splicing in Schizophrenia: Selective Effects on Parvalbumin Expression. <b>2016</b> , 173, 60-8		51
87	Association of $\beta$ -Secretase Functional Polymorphism with Risk of Schizophrenia. <b>2017</b> , 21, 248-251		3
86	An RNA-binding protein, Qki5, regulates embryonic neural stem cells through pre-mRNA processing in cell adhesion signaling. <b>2017</b> , 31, 1910-1925		33
85	Translating advances in the molecular basis of schizophrenia into novel cognitive treatment strategies. <b>2017</b> , 174, 3173-3190		12
84	Spironolactone is an antagonist of NRG1-ERBB4 signaling and schizophrenia-relevant endophenotypes in mice. <b>2017</b> , 9, 1448-1462		21
83	Uniting the neurodevelopmental and immunological hypotheses: Neuregulin 1 receptor ErbB and Toll-like receptor activation in first-episode schizophrenia. <i>Scientific Reports</i> , <b>2017</b> , 7, 4147	4.9	11
82	Inference of Causative Genes for Alzheimer's Disease Due to Dosage Imbalance. <b>2017</b> , 34, 2396-2407		11
81	Temporal, Diagnostic, and Tissue-Specific Regulation of NRG3 Isoform Expression in Human Brain Development and Affective Disorders. <b>2017</b> , 174, 256-265		27
80	Extracellular matrix proteomics in schizophrenia and Alzheimer's disease. <b>2017</b> , 409, 379-394		52
79	Genetic association analysis of ERBB4 polymorphisms with the risk of schizophrenia susceptibility in a Jordanian population of Arab descent. <b>2017</b> , 47, 542-553		0
78	Peripheral Transcription of Pathway Genes Are Upregulated in Treatment-Resistant Schizophrenia. <b>2017</b> , 8, 225		16
77	Specialized Information Processing Deficits and Distinct Metabolomic Profiles Following TM-Domain Disruption of Nrg1. <i>Schizophrenia Bulletin</i> , <b>2017</b> , 43, 1100-1113	1.3	2
76	Aberrant accumulation of ErbB4 in progressive supranuclear palsy. <b>2018</b> , 44, 563-573		4
75	A Novel Ultrasensitive In Situ Hybridization Approach to Detect Short Sequences and Splice Variants with Cellular Resolution. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 6169-6181	6.2	36
74	Splicing and Alternative Splicing Impact on Gene Design. <b>2018</b> , 131-168		

73	Association study of SREBF-2 gene polymorphisms and the risk of type 2 diabetes in a sample of Iranian population. <b>2018</b> , 660, 145-150		6
72	ErbB4 signaling in dopaminergic axonal projections increases extracellular dopamine levels and regulates spatial/working memory behaviors. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 2227-2237	15.1	28
71	The contribution of alternative splicing to genetic risk for psychiatric disorders. <b>2018</b> , 17, e12430		23
70	A Potential Role for the Noncoding Transcriptome in Psychiatric Disorders. <i>Harvard Review of Psychiatry</i> , <b>2018</b> , 26, 364-373	4.1	1
69	Interaction of polymorphisms in xeroderma pigmentosum group C with cigarette smoking and pancreatic cancer risk. <i>Oncology Letters</i> , <b>2018</b> , 16, 5631-5638	2.6	5
68	Excitotoxicity. <b>2018</b> , 70-100		
67	Altered hippocampal gene expression and structure in transgenic mice overexpressing neuregulin 1 (Nrg1) type I. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 229	8.6	6
66	Base-specific mutational intolerance near splice sites clarifies the role of nonessential splice nucleotides. <i>Genome Research</i> , <b>2018</b> , 28, 968-974	9.7	23
65	mTOR-Related Brain Dysfunctions in Neuropsychiatric Disorders. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	54
64	Assessment of genetic factor and depression interactions for asthma symptom severity in cohorts of childhood and elderly asthmatics. <i>Experimental and Molecular Medicine</i> , <b>2018</b> , 50, 1-7	12.8	5
63	Non-Coding RNA as Novel Players in the Pathophysiology of Schizophrenia. <i>Non-coding RNA</i> , <b>2018</b> , 4,	7.1	33
62	Altered ErbB4 splicing and cortical parvalbumin interneuron dysfunction in schizophrenia and mood disorders. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 2478-2486	8.7	24
61	Antibody-mediated stabilization of NRG1 induces behavioral and electrophysiological alterations in adult mice. <i>Scientific Reports</i> , <b>2018</b> , 8, 8239	4.9	6
60	Neuroepigenetics of Schizophrenia. <i>Progress in Molecular Biology and Translational Science</i> , <b>2018</b> , 158, 195-226	4	10
59	Striato-nigro-striatal tract dispersion abnormalities in patients with chronic schizophrenia. <i>Brain Imaging and Behavior</i> , <b>2019</b> , 13, 1236-1245	4.1	3
58	Effect of age onset on schizophrenia-like phenotypes and underlying mechanisms in model mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 89, 465-474	5.5	4
57	Genome-wide Association of Endophenotypes for Schizophrenia From the Consortium on the Genetics of Schizophrenia (COGS) Study. <i>JAMA Psychiatry</i> , <b>2019</b> , 76, 1274-1284	14.5	32
56	Association between beta defensin gene polymorphism and clinical endometritis in dairy cows. <i>Comparative Clinical Pathology</i> , <b>2019</b> , 28, 377-382	0.9	0

55	Neuregulin-1/ErbB network: An emerging modulator of nervous system injury and repair. <i>Progress in Neurobiology</i> , <b>2019</b> , 180, 101643	10.9	38
54	Src deficient mice demonstrate behavioral and electrophysiological alterations relevant to psychiatric and developmental disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 93, 84-92	5.5	7
53	Genome-wide Analysis of Common Copy Number Variation and Epithelial Ovarian Cancer Risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2019</b> , 28, 1117-1126	4	8
52	CD137 deficiency causes immune dysregulation with predisposition to lymphomagenesis. <i>Blood</i> , <b>2019</b> , 134, 1510-1516	2.2	29
51	RegSNPs-intron: a computational framework for predicting pathogenic impact of intronic single nucleotide variants. <i>Genome Biology</i> , <b>2019</b> , 20, 254	18.3	25
50	Recovery in der Behandlung der Schizophrenie: Vision oder Realität?. <i>Der Neurologe Und Psychiater</i> , <b>2019</b> , 20, 84-92	0	
49	erbb4 Deficits in Chandelier Cells of the Medial Prefrontal Cortex Confer Cognitive Dysfunctions: Implications for Schizophrenia. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 4334-4346	5.1	13
48	Neurobiology and treatment of social cognition in schizophrenia: Bridging the bed-bench gap. <i>Neurobiology of Disease</i> , <b>2019</b> , 131, 104315	7.5	9
47	Genetic study of neuregulin 1 and receptor tyrosine-protein kinase erbB-4 in tardive dyskinesia. <i>World Journal of Biological Psychiatry</i> , <b>2019</b> , 20, 91-95	3.8	8
46	Temporal Dynamics of the Neuregulin-ErbB Network in the Murine Prefrontal Cortex across the Lifespan. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 3325-3339	5.1	0
45	Ubiquitin-proteasome system, lipid metabolism and DNA damage repair are triggered by antipsychotic medication in human oligodendrocytes: implications in schizophrenia. <i>Scientific Reports</i> , <b>2020</b> , 10, 12655	4.9	9
44	Novel genes involved in the genetic architecture of temperament in Brahman cattle. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237825	3.7	3
43	Transcriptome Profiling Reveals Novel Candidate Genes Related to Hippocampal Dysfunction in SREBP-1c Knockout Mice. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
42	Neuregulins 1, 2, and 3 Promote Early Neurite Outgrowth in ErbB4-Expressing Cortical GABAergic Interneurons. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 3568-3588	6.2	2
41	ERBB4 exonic deletions on chromosome 2q34 in patients with intellectual disability or epilepsy. <i>European Journal of Human Genetics</i> , <b>2021</b> , 29, 1377-1383	5.3	2
40	An alternative splicing hypothesis for neuropathology of schizophrenia: evidence from studies on historical candidate genes and multi-omics data. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	6
39	Regulatory role of long non coding RNAs (lncRNAs) in neurological disorders: From novel biomarkers to promising therapeutic strategies. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 16, 533-550	8.50	5
38	Brain Long Noncoding RNAs: Multitask Regulators of Neuronal Differentiation and Function. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2

37	Genome-wide conditional association study reveals the influences of lifestyle cofactors on genetic regulation of body surface area in MESA population. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253167	3.7	
36	From Junk to Function: LncRNAs in CNS Health and Disease. <i>Frontiers in Molecular Neuroscience</i> , <b>2021</b> , 14, 714768	6.1	3
35	Src and Fyn regulation of NMDA receptors in health and disease. <i>Neuropharmacology</i> , <b>2021</b> , 193, 108615	5.5	5
34	Decoding disease: from genomes to networks to phenotypes. <i>Nature Reviews Genetics</i> , <b>2021</b> , 22, 774-790	10.1	7
33	Induced Pluripotent Stem Cells in Psychiatry: An Overview and Critical Perspective. <i>Biological Psychiatry</i> , <b>2021</b> , 90, 362-372	7.9	2
32	Contributions of Glutamate and GABA Systems to the Neurobiology and Treatment of Schizophrenia. 433-461		5
31	Neuregulin 1 and Schizophrenia. <b>2009</b> , 243-265		1
30	Impaired Neurogenesis as a Risk Factor for Schizophrenia and Related Mental Diseases. <b>2011</b> , 109-131		2
29	Reduced Insulin-Like Growth Factor Family Member Expression Predicts Neurogenesis Marker Expression in the Subependymal Zone in Schizophrenia and Bipolar Disorder. <i>Schizophrenia Bulletin</i> , <b>2021</b> , 47, 1168-1178	1.3	2
28	Genome-wide association study of depression phenotypes in UK Biobank (n = 322,580) identifies the enrichment of variants in excitatory synaptic pathways.		8
27	Polymorphisms of FST gene and their association with wool quality traits in Chinese Merino sheep. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174868	3.7	11
26	ErbB4 Null Mice Display Altered Mesocorticolimbic and Nigrostriatal Dopamine Levels as well as Deficits in Cognitive and Motivational Behaviors. <i>ENeuro</i> , <b>2020</b> , 7,	3.9	4
25	Common mechanisms of excitatory and inhibitory imbalance in schizophrenia and autism spectrum disorders. <i>Current Molecular Medicine</i> , <b>2015</b> , 15, 146-67	2.5	256
24	Alternatively Spliced Genes as Biomarkers for Schizophrenia, Bipolar Disorder and Psychosis: A Blood-Based Spliceome-Profiles Exploratory Study. <i>Current Pharmacogenomics and Personalized Medicine</i> , <b>2009</b> , 7, 164-188	0.4	36
23	Nature and nurture in neuropsychiatric genetics: where do we stand?. <i>Dialogues in Clinical Neuroscience</i> , <b>2010</b> , 12, 7-23	5.7	35
22	Neuregulin-1/erbB activities with focus on the susceptibility of the heart to anthracyclines. <i>World Journal of Cardiology</i> , <b>2014</b> , 6, 653-62	2.1	21
21	RNA Biomarkers in Schizophrenia. <b>2008</b> , 97-127		1
20	Molecular Genetics of Schizophrenia: Focus on Symptom Dimensions. <b>2009</b> , 95-124		3

19	Genetic Studies of Schizophrenia. <i>Advances in Neurobiology</i> , <b>2011</b> , 333-380	2.1	
18	Animal Models of Schizophrenia. 462-481		
17	CHAPTER 8:GSK3 Networks in Schizophrenia. <i>RSC Drug Discovery Series</i> , <b>2015</b> , 173-201	0.6	
16	The EGFR/ERBB Receptor Family. <b>2015</b> , 107-164		0
15	CHAPTER 5:Modelling Schizophrenia: Strategies for Identifying Improved Platforms for Drug Discovery. <i>RSC Drug Discovery Series</i> , <b>2015</b> , 89-114	0.6	
14	Synaptic Abnormalities and Neuroplasticity. <i>Handbook of Behavioral Neuroscience</i> , <b>2016</b> , 375-390	0.7	
13	RegSNPs-Intron: A computational framework for prioritizing Intronic Single Nucleotide Variants in Human Genetic Disease.		1
12	ErbB4 alternative splicing mediates fetal mouse alveolar type II cell differentiation in vitro.. <i>Pediatric Research</i> , <b>2022</b> ,	3.2	
11	Overexpression of Neuregulin-1 Type III Has Impact on Visual Function in Mice.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	
10	Developmental, neurochemical, and behavioral analyses of ErbB4 Cyt-1 knockout mice.. <i>Journal of Neurochemistry</i> , <b>2022</b> ,	6	2
9	The Long Non-Coding RNA GOMAFU in Schizophrenia: Function, Disease Risk, and Beyond. <i>Cells</i> , <b>2022</b> , 11, 1949	7.9	
8	Age Specific Impacts of Nicotine and Withdrawal on Hippocampal Neuregulin Signaling.		
7	Single cell transcriptomic profiling of human brain organoids reveals developmental timing- and cell-type-specific vulnerabilities induced by NRXN1 CNVs in schizophrenia.		
6	Genetic Influences on Cognitive Dysfunction in Schizophrenia. <b>2022</b> ,		0
5	Toxic and Phenotypic Effects of AAV_Cre Used to Transduce Mesencephalic Dopaminergic Neurons. <b>2022</b> , 23, 9462		1
4	The emerging role of long non-coding RNAs in schizophrenia. 13,		0
3	Parvalbumin and parvalbumin chandelier interneurons in autism and other psychiatric disorders. 13,		1
2	Amygdala Intercalated Cells: Gate Keepers and Conveyors of Internal State to the Circuits of Emotion. <b>2022</b> , 42, 9098-9109		0



1 Developmental loss of ErbB4 in PV interneurons disrupts state-dependent cortical circuit dynamics.

o