Identifying autism loci and genes by tracing recent shared ancestry

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#	Paper	IF	Citations
660	Autism overflows: increasing prevalence and proliferating theories. **2008**, 18, 273-86		45
659	Can children with autism recover? If so, how?. **2008**, 18, 339-66		201
658	Literature Review. **2008**, 1, 258-260		
657	Alterations in CDH15 and KIRREL3 in patients with mild to severe intellectual disability. **2008**, 83, 703-13		84
656	A glimmer of light for neuropsychiatric disorders. **2008**, 455, 890-3		75
655	Neuroligins and neurexins link synaptic function to cognitive disease. **2008**, 455, 903-11		1278
654	Copy-number variations associated with neuropsychiatric conditions. **2008**, 455, 919-23		513
653	Genetics: Autistic details. **2008**, 454, 256-256		
652	Autism: Family connections. **2008**, 454, 838-9		8
651	Schizophrenia: Incriminating genomic evidence. **2008**, 455, 178-9		39
650	50 & 100 Years Ago. **2008**, 455, 179-179		
649	Research highlights. **2008**, 40, 937-937		
648	Inherited neuronal ion channelopathies: new windows on complex neurological diseases. *Journal of Neuroscience*, **2008**, 28, 11768-77	6.6	191
647	Topoisomerase IIbeta activates a subset of neuronal genes that are repressed in AT-rich genomic environment. **2008**, 3, e4103		45
646	From synapse to nucleus: calcium-dependent gene transcription in the control of synapse development and function. **2008**, 59, 846-60		483
645	Genome-wide analysis of MEF2 transcriptional program reveals synaptic target genes and neuronal activity-dependent polyadenylation site selection. **2008**, 60, 1022-38		346
644	Autism and brain development. **2008**, 135, 396-400		140

643	Autism: many genes, common pathways?. **2008**, 135, 391-5		233
642	The autistic neuron: troubled translation?. **2008**, 135, 401-6		438
641	Genetics. Insights into the pathogenesis of autism. *Science*, **2008**, 321, 208-9	33.3	44
640	Genome-wide association studies: potential next steps on a genetic journey. *Human Molecular Genetics*, **2008**, 17, R156-65	5.6	263
639	Modulation of synaptic transmission and plasticity by cell adhesion and repulsion molecules. **2008**, 4, 197-209		68
638	Pharmacology and genetics of autism: implications for diagnosis and treatment. **2008**, 5, 599-607		8
637	The role of rare structural variants in the genetics of autism spectrum disorders. **2008**, 123, 36-43		21
636	Autism Gene Discoveries May Support Behavior Therapy. **2008**, 8, 1		
635	Turning neurons into a nervous system. **2008**, 135, 2203-6		4
634	Methanosarcina acetivorans 16S rRNA and transcription factor nucleotide fluctuation with implications in exobiology and pathology. **2008**,		
633	Cognitive neuroscience of autism. **2008**, 14, 917-21		2
632	Self-awareness: behavior analysis and neuroscience. **2008**, 31, 137-44		9
631	Gene-network analysis identifies susceptibility genes related to glycobiology in autism. **2009**, 4, e5324		104
630	The elusive etiology of autism: nature and nurture?. **2009**, 3, 11		9
629	Linkage and linkage disequilibrium scan for autism loci in an extended pedigree from Finland. *Human Molecular Genetics*, **2009**, 18, 2912-21	5.6	22
628	Microarray-based genomic DNA profiling technologies in clinical molecular diagnostics. **2009**, 55, 659-69		47
627	Neurexin 1 (NRXN1) deletions in schizophrenia. **2009**, 35, 851-4		183
626	Reciprocal co-regulation of EGR2 and MECP2 is disrupted in Rett syndrome and autism. *Human Molecular Genetics*, **2009**, 18, 525-34	5.6	58

625	The FXG: a presynaptic fragile X granule expressed in a subset of developing brain circuits. *Journal of Neuroscience*, **2009**, 29, 1514-24	6.6	155
624	A recessive gene for primary vesicoureteral reflux maps to chromosome 12p11-q13. **2009**, 20, 1633-40		39
623	Pathogenesis of autism: a patchwork of genetic causes. **2009**, 4, 591-599		7
622	AutDB: a gene reference resource for autism research. **2009**, 37, D832-6		278
621	Major contribution of dominant inheritance to autism spectrum disorders (ASDs) in population-based families. **2009**, 54, 721-6		9
620	Genome-wide analyses of exonic copy number variants in a family-based study point to novel autism susceptibility genes. **2009**, 5, e1000536		305
619	Autism-specific copy number variants further implicate the phosphatidylinositol signaling pathway and the glutamatergic synapse in the etiology of the disorder. *Human Molecular Genetics*, **2009**, 18, 1795-804	5.6	87
618	Evolving role of MeCP2 in Rett syndrome and autism. **2009**, 1, 119-30		79
617	Personalized medicine: reality and reality checks. **2009**, 43, 963-6		6
616	Vaccines and autism: a tale of shifting hypotheses. **2009**, 48, 456-61		174
615	Emerging paradigms in cancer genetics: some important findings from high-density single nucleotide polymorphism array studies. **2009**, 69, 723-7		45
614	A neuroligin-4 missense mutation associated with autism impairs neuroligin-4 folding and endoplasmic reticulum export. *Journal of Neuroscience*, **2009**, 29, 10843-54	6.6	136
613	Histone deacetylases 1 and 2 form a developmental switch that controls excitatory synapse maturation and function. *Journal of Neuroscience*, **2009**, 29, 8288-97	6.6	126
612	Commentary: Of the same blood. **2009**, 38, 1442-7		3
611	A synaptic trek to autism. **2009**, 19, 231-4		511
610	Convulsing toward the pathophysiology of autism. **2009**, 31, 95-103		106
609	Autism, fever, epigenetics and the locus coeruleus. **2009**, 59, 388-92		81
608	Mapping of partially overlapping de novo deletions across an autism susceptibility region (AUTS5) in two unrelated individuals affected by developmental delays with communication impairment. **2009**, 149A, 588-97		16

607	Characterization of a de novo translocation t(5;18)(q33.1;q12.1) in an autistic boy identifies a breakpoint close to SH3TC2, ADRB2, and HTR4 on 5q, and within the desmocollin gene cluster on 18q. **2009**, 150B, 817-26		8
606	A co-segregating microduplication of chromosome 15q11.2 pinpoints two risk genes for autism spectrum disorder. **2010**, 153B, 960-6		54
605	Genetic tools and algorithms for gene discovery in major congenital anomalies. **2009**, 85, 6-12		2
604	Genome-wide association studies in ADHD. *Human Genetics*, **2009**, 126, 13-50	6.3	316
603	Familial risks for amyotrophic lateral sclerosis and autoimmune diseases. **2009**, 10, 111-6		27
602	Molecular genetics of autism. **2009**, 11, 137-42		10
601	A 15q13.3 microdeletion segregating with autism. **2009**, 17, 687-92		114
600	Common genetic variants on 5p14.1 associate with autism spectrum disorders. **2009**, 459, 528-33		760
599	Decanalization and the origin of complex disease. **2009**, 10, 134-40		200
598	Nuclear and mitochondrial genome defects in autisms. **2009**, 1151, 102-32		50
597	Genetic calcium signaling abnormalities in the central nervous system: seizures, migraine, and autism. **2009**, 1151, 133-56		83
596	Next-generation DNA sequencing techniques. **2009**, 25, 195-203		648
595	A parallel and distributed-processing model of joint attention, social cognition and autism. **2009**, 2, 2-21		223
594	Genetic advances in autism: heterogeneity and convergence on shared pathways. **2009**, 19, 271-8		136
593	Contact in the genetics of autism and schizophrenia. **2009**, 32, 69-72		132
592	The emerging role of synaptic cell-adhesion pathways in the pathogenesis of autism spectrum disorders. **2009**, 32, 402-12		215
591	Neural correlates of communication skill and symptom severity in autism: A voxel-based morphometry study. **2009**, 3, 444-454		12
590	Genomics made easier: an introductory tutorial to genome datamining. **2009**, 93, 187-95		8

589	Oxytocin: the great facilitator of life. **2009**, 88, 127-51	538
588	Suicide neurobiology. **2009**, 89, 315-33	141
587	A novel missense mutation (Leu46Val) of PAX6 found in an autistic patient. **2009**, 462, 267-71	39
586	Copy number variation in human health, disease, and evolution. **2009**, 10, 451-81	804
585	Methodological issues in molecular genetic studies of mental disorders. **2009**, 5, 49-69	11
584	Autism genetics: emerging data from genome-wide copy-number and single nucleotide polymorphism scans. **2009**, 9, 795-803	61
583	Microdeletion 15q13.3: a locus with incomplete penetrance for autism, mental retardation, and psychiatric disorders. **2009**, 46, 382-8	191
582	Continuing Increases in Autism Reported to California's Developmental Services System: Mercury in Retrograde. **2009**, 2009, 32-33	
581	At the height of fashion: what genetics can teach us about neurodevelopmental disabilities. **2009**, 22, 126-30	5
580	Identifying Autism Loci and Genes by Tracing Recent Shared Ancestry. **2009**, 2009, 33-34	
579	Eating Behaviors of the Young Child: Prenatal and Postnatal Influences on Healthy Eating. **2010**, 31, 563	
578	Genetic variants in SLC9A9 are associated with measures of attention-deficit/hyperactivity disorder symptoms in families. **2010**, 20, 73-81	41
577	Three hypotheses for developmental defects that may underlie some forms of autism spectrum disorder. **2010**, 23, 118-23	177
576	Etiologies and molecular mechanisms of communication disorders. **2010**, 31, 555-63	11
575	Genome-wide scan of copy number variation in late-onset Alzheimer's disease. **2010**, 19, 69-77	98
574	Social demographic change and autism. **2010**, 47, 327-43	42
573	Simultaneous Identification of Causal Genes and Dys-Regulated Pathways in Complex Diseases. **2010**, 263-280	5
572	RPP25 is developmentally regulated in prefrontal cortex and expressed at decreased levels in autism spectrum disorder. **2010**, 3, 153-61	6

571	Structural variation in the human genome and its role in disease. **2010**, 61, 437-55	827
570	Urinary metabolic phenotyping differentiates children with autism from their unaffected siblings and age-matched controls. **2010**, 9, 2996-3004	237
569	Copy number variations are a rare cause of non-CMT1A Charcot-Marie-Tooth disease. **2010**, 257, 735-41	21
568	Hereditary spastic paraplegia and amyotrophy associated with a novel locus on chromosome 19. **2010**, 11, 313-8	20
567	Key role for gene dosage and synaptic homeostasis in autism spectrum disorders. **2010**, 26, 363-72	252
566	Autism spectrum disorders and epilepsy: moving towards a comprehensive approach to treatment. **2010**, 32, 719-30	55
565	Extended runs of homozygosity at 17q11.2: an association with type-2 NF1 deletions?. **2010**, 31, 325-34	7
564	Deletions of SCN1A 5' genomic region with promoter activity in Dravet syndrome. **2010**, 31, 820-9	39
563	Natural history of Christianson syndrome. **2010**, 152A, 2775-83	54
562	Deletions of NRXN1 (neurexin-1) predispose to a wide spectrum of developmental disorders. **2010**, 153B, 937-47	156
561	Intragenic rearrangements in NRXN1 in three families with autism spectrum disorder, developmental delay, and speech delay. **2010**, 153B, 983-93	39
560	Severe mental retardation, seizures, and hypotonia due to deletions of MEF2C. **2010**, 153B, 1042-51	41
559	Population-based study of genetic variation in individuals with autism spectrum disorders from Croatia. **2010**, 11, 134	17
558	Polymorphisms in leucine-rich repeat genes are associated with autism spectrum disorder susceptibility in populations of European ancestry. **2010**, 1, 7	47
557	Linkage and candidate gene studies of autism spectrum disorders in European populations. **2010**, 18, 1013-9	65
556	High-density SNP association study and copy number variation analysis of the AUTS1 and AUTS5 loci implicate the IMMP2L-DOCK4 gene region in autism susceptibility. **2010**, 15, 954-68	104
555	Neuronal glucose transporter isoform 3 deficient mice demonstrate features of autism spectrum disorders. **2010**, 15, 286-99	73
554	Functional impact of global rare copy number variation in autism spectrum disorders. **2010**, 466, 368-72	1499

553	Animal models of neuropsychiatric disorders. **2010**, 13, 1161-9	1415
552	Genes, brain, and behavior: development gone awry in autism? A report on the 23rd Annual International Symposium of the Center for the Study of Gene Structure and Function. **2010**, 1205 Suppl 1, E21-36	1
551	Refining the phenotype associated with MEF2C haploinsufficiency. **2010**, 78, 471-7	70
550	Autism: Genes, anatomy, and behavioral outcome. 19-52	1
549	Genomic Copy Number Variation in Disorders of Cognitive Development. **2010**, 49, 1091-1104	3
548	The correlation between rates of cancer and autism: an exploratory ecological investigation. **2010**, 5, e9372	21
547	Analyses of copy number variation of GK rat reveal new putative type 2 diabetes susceptibility loci. **2010**, 5, e14077	10
546	Novel Next-Generation DNA Sequencing Techniques for Ultra High-Throughput Applications in Bio-Medicine. **2010**, 365-378	1
545	Genetics and Psychiatry. **2010**, 409-423	2
544	Prenatal polycyclic aromatic hydrocarbon exposure leads to behavioral deficits and downregulation of receptor tyrosine kinase, MET. **2010**, 118, 625-34	45
543	Evolution in health and medicine Sackler colloquium: Consanguinity, human evolution, and complex diseases. **2010**, 107 Suppl 1, 1779-86	331
542	Epilepsy and mental retardation limited to females with PCDH19 mutations can present de novo or in single generation families. **2010**, 47, 211-6	64
541	Fever plus mitochondrial disease could be risk factors for autistic regression. **2010**, 25, 429-34	62
540	Autozygome decoded. **2010**, 12, 765-71	83
539	Association of mouse Dlg4 (PSD-95) gene deletion and human DLG4 gene variation with phenotypes relevant to autism spectrum disorders and Williams' syndrome. **2010**, 167, 1508-17	159
538	Changes in prefrontal axons may disrupt the network in autism. *Journal of Neuroscience*, **2010**, 30, 14595609	249
537	Laterobasal amygdalar enlargement in 6- to 7-year-old children with autism spectrum disorder. **2010**, 67, 1187-97	65
536	Introduction to Human Glycosylation Disorders. **2010**, 431-464	1

535	The role of calcium-dependent gene expression in autism spectrum disorders: lessons from MeCP2, Ube3a and beyond. **2010**, 18, 72-81	7
534	Cell adhesion molecules and their involvement in autism spectrum disorder. **2010**, 18, 62-71	31
533	MEF2C haploinsufficiency caused by either microdeletion of the 5q14.3 region or mutation is responsible for severe mental retardation with stereotypic movements, epilepsy and/or cerebral malformations. **2010**, 47, 22-9	163
532	The genetics of autism: key issues, recent findings, and clinical implications. **2010**, 33, 83-105	98
531	The psychosis susceptibility gene ZNF804A: associations, functions, and phenotypes. **2010**, 36, 904-9	44
530	Genetics of Autism. **2010**, 699-714	2
529	The Angelman Syndrome protein Ube3A regulates synapse development by ubiquitinating arc. **2010**, 140, 704-16	463
528	Fragile X mental retardation protein is required for synapse elimination by the activity-dependent transcription factor MEF2. **2010**, 66, 191-7	119
527	Allelic diversity in human developmental neurogenetics: insights into biology and disease. **2010**, 68, 245-53	43
526	The expression of non-clustered protocadherins in adult rat hippocampal formation and the connecting brain regions. **2010**, 170, 189-99	57
525	Genome-wide DNA methylation profiling reveals novel epigenetically regulated genes and non-coding RNAs in human testicular cancer. **2010**, 102, 419-27	110
524	Genomic copy number variation in disorders of cognitive development. **2010**, 49, 1091-104	88
523	Copy Number Variation and Human Health. **2010**, 46-59	
522	The diagnosis of mental disorders: the problem of reification. **2010**, 6, 155-79	584
521	Genetic testing for autism: recent advances and clinical implications. **2010**, 10, 837-40	16
520	Folate and methionine metabolism in autism: a systematic review. **2010**, 91, 1598-620	64
519	Commentary: Definitely more than measurement error: but how should we understand and deal with informant discrepancies?. **2011**, 40, 80-6	158
518	Organellar Na+/H+ exchangers: novel players in organelle pH regulation and their emerging functions. **2011**, 50, 443-50	72

517	Epigenetic inactivation of PCDH10 in human prostate cancer cell lines. **2011**, 35, 671-6	25
516	Autism spectrum disorders--a genetics review. **2011**, 13, 278-94	358
515	Contactins: structural aspects in relation to developmental functions in brain disease. **2011**, 84, 143-80	40
514	Presynaptic regulation of quantal size: K+/H+ exchange stimulates vesicular glutamate transport. **2011**, 14, 1285-92	53
513	Two Faces of Evil: Cancer and Neurodegeneration. **2011**,	
512	Synapse development in health and disease. **2011**, 21, 256-61	47
511	Identification and characterization of human PCDH10 gene promoter. **2011**, 475, 49-56	11
510	A review of candidate urinary biomarkers for autism spectrum disorder. **2011**, 16, 537-52	31
509	The contribution of GABAergic dysfunction to neurodevelopmental disorders. **2011**, 17, 452-62	104
508	Multiple recurrent de novo CNVs, including duplications of the 7q11.23 Williams syndrome region, are strongly associated with autism. **2011**, 70, 863-85	932
507	Rare de novo and transmitted copy-number variation in autistic spectrum disorders. **2011**, 70, 886-97	526
506	Human copy number variation and complex genetic disease. **2011**, 45, 203-26	271
505	The Genetics of Autism Spectrum Disorders. **2011**,	
504	Vaccines and Autism An Unlikely Connection. **2011**,	1
503	A New Genetic Mechanism for Autism. **2011**,	
502	Common Genetic Etiologies and Biological Pathways Shared Between Autism Spectrum Disorders and Intellectual Disabilities. **2011**,	
501	Delta Protocadherin 10 is Regulated by Activity in the Mouse Main Olfactory System. **2011**, 5, 9	26
500	DIA1R is an X-linked gene related to Deleted In Autism-1. **2011**, 6, e14534	20

499	Genome-wide analysis reveals the vacuolar pH-stat of Saccharomyces cerevisiae. **2011**, 6, e17619		63
498	Identification of novel schizophrenia loci by homozygosity mapping using DNA microarray analysis. **2011**, 6, e20589		19
497	Copy number variants in extended autism spectrum disorder families reveal candidates potentially involved in autism risk. **2011**, 6, e26049		61
496	Genetic basis of autism: is there a way forward?. **2011**, 24, 226-36		56
495	Genetic dissection of intermale aggressive behavior in BALB/cJ and A/J mice. **2011**, 10, 57-68		26
494	Reduced transcript expression of genes affected by inherited and de novo CNVs in autism. **2011**, 19, 727-31		87
493	Expanding the range of ZNF804A variants conferring risk of psychosis. **2011**, 16, 59-66		129
492	The genetics of neurodevelopmental disease. **2011**, 21, 197-203		120
491	Gene and miRNA expression profiles in autism spectrum disorders. **2011**, 1380, 85-97		138
490	The MEF2C-Related and 5q14.3q15 Microdeletion Syndrome. **2012**, 2, 164-170		43
489	Contactin 4 as an autism susceptibility locus. **2011**, 4, 189-99		50
488	Characterizing brain cortical plasticity and network dynamics across the age-span in health and disease with TMS-EEG and TMS-fMRI. **2011**, 24, 302-15		256
487	Risk factors for autism: translating genomic discoveries into diagnostics. *Human Genetics*, **2011**, 130, 123-48	6.3	84
486	Cadherins in cerebellar development: translation of embryonic patterning into mature functional compartmentalization. **2011**, 10, 393-408		42
485	The protocadherins, PCDHB1 and PCDH7, are regulated by MeCP2 in neuronal cells and brain tissues: implication for pathogenesis of Rett syndrome. **2011**, 12, 81		59
484	Following the genes: a framework for animal modeling of psychiatric disorders. **2011**, 9, 76		15
483	Gene expression analysis in lymphoblasts derived from patients with autism spectrum disorder. **2011**, 2, 9		25
482	Heritability in the Era of Molecular Genetics: Some Thoughts for Understanding Genetic Influences on Behavioural Traits. **2011**, 25, 254-266		87

481	Mutations in the TSGA14 gene in families with autism spectrum disorders. **2011**, 156B, 303-11		14
480	SLC9A9 mutations, gene expression, and protein-protein interactions in rat models of attention-deficit/hyperactivity disorder. **2011**, 156B, 835-43		28
479	Links between genetics and pathophysiology in the autism spectrum disorders. **2011**, 3, 438-50		37
478	Behavioral profiles of mouse models for autism spectrum disorders. **2011**, 4, 5-16		101
477	Absence of preference for social novelty and increased grooming in integrin β3 knockout mice: initial studies and future directions. **2011**, 4, 57-67		80
476	X-linked Angelman-like syndrome caused by Slc9a6 knockout in mice exhibits evidence of endosomal-lysosomal dysfunction. **2011**, 134, 3369-83		68
475	Na+/H+ exchangers. **2011**, 1, 2083-100		71
474	Increased gene dosage of Ube3a results in autism traits and decreased glutamate synaptic transmission in mice. **2011**, 3, 103ra97		190
473	Identification of a functional rare variant in autism using genome-wide screen for monoallelic expression. *Human Molecular Genetics*, **2011**, 20, 3632-41	5.6	53
472	The Genetics of Autism. **2011**, 77-97		
471	How to communicate with vaccine-hesitant parents. **2011**, 127 Suppl 1, S127-33		117
470	Identification of FGF7 as a novel susceptibility locus for chronic obstructive pulmonary disease. **2011**, 66, 1085-90		26
469	Protocadherin-12 cleavage is a regulated process mediated by ADAM10 protein: evidence of shedding up-regulation in pre-eclampsia. *Journal of Biological Chemistry*, **2011**, 286, 15195-204	5.4	20
468	The molecular genetics of autism spectrum disorders: genomic mechanisms, neuroimmunopathology, and clinical implications. **2011**, 2011, 398636		5
467	Non-clustered protocadherin. **2011**, 5, 97-105		159
466	Rare familial 16q21 microdeletions under a linkage peak implicate cadherin 8 (CDH8) in susceptibility to autism and learning disability. **2011**, 48, 48-54		81
465	Endosomal Na+ (K+)/H+ exchanger Nhx1/Vps44 functions independently and downstream of multivesicular body formation. *Journal of Biological Chemistry*, **2011**, 286, 44067-44077	5.4	16
464	Identification of new schizophrenia susceptibility loci in an ethnically homogeneous, family-based, Arab-Israeli sample. **2011**, 25, 4011-23		25

463	Neuronal activity-regulated gene transcription in synapse development and cognitive function. **2011**, 3,	342
462	Genomic designation: how genetics can delineate new, phenotypically diffuse medical categories. **2011**, 41, 203-26	39
461	Why are autism spectrum conditions more prevalent in males?. **2011**, 9, e1001081	415
460	Intelligenzminderung. **2011**,	8
459	Early brain overgrowth in autism associated with an increase in cortical surface area before age 2 years. **2011**, 68, 467-76	298
458	Na+/H+ exchanger isoform 6 (NHE6/SLC9A6) is involved in clathrin-dependent endocytosis of transferrin. **2011**, 301, C1431-44	47
457	Whole-exome sequencing and homozygosity analysis implicate depolarization-regulated neuronal genes in autism. **2012**, 8, e1002635	134
456	Networks of neuronal genes affected by common and rare variants in autism spectrum disorders. **2012**, 8, e1002556	114
455	Identification of CTCF as a master regulator of the clustered protocadherin genes. **2012**, 40, 3378-91	48
454	Ethnic Differences in Autism Eligibility in the United States Public Schools. **2012**, 46, 49-63	24
453	DELISHUS: an efficient and exact algorithm for genome-wide detection of deletion polymorphism in autism. **2012**, 28, i154-62	3
452	Fragmentation and unpredictability of early-life experience in mental disorders. **2012**, 169, 907-15	162
451	Brain volume findings in 6-month-old infants at high familial risk for autism. **2012**, 169, 601-8	68
450	Genetics and Epigenetics of Autism Spectrum Disorders. **2012**, 105-132	4
449	CNVs leading to fusion transcripts in individuals with autism spectrum disorder. **2012**, 20, 1141-7	28
448	Genomic structural variation in psychiatric disorders. **2012**, 24, 1335-44	10
447	Trajectories of autism severity in children using standardized ADOS scores. **2012**, 130, e1278-84	150
446	Differential expression of SLC9A9 and interacting molecules in the hippocampus of rat models for attention deficit/hyperactivity disorder. **2012**, 34, 218-27	16

445	Differences in the circuitry-based association of copy numbers and gene expression between the hippocampi of patients with schizophrenia and the hippocampi of patients with bipolar disorder. **2012**, 69, 550-61	13
444	Autism Spectrum Disorders. **2012**,	
443	Cadherins in brain morphogenesis and wiring. **2012**, 92, 597-634	200
442	Multiple autism-linked genes mediate synapse elimination via proteasomal degradation of a synaptic scaffold PSD-95. **2012**, 151, 1581-94	198
441	Autism genetics: searching for specificity and convergence. **2012**, 13, 247	145
440	Potential opposite roles of the extracellular signal-regulated kinase (ERK) pathway in autism spectrum and bipolar disorders. **2012**, 36, 2206-13	41
439	Homozygosity mapping in an anophthalmic pedigree provides evidence of additional genetic heterogeneity. **2012**, 33, 208-20	2
438	Autism across cultures: rethinking autism. **2012**, 27, 535-545	33
437	Classical and desmosomal cadherins at a glance. **2012**, 125, 2547-52	61
436	Protein Structure. **2012**,	1
435	The role of neurexins in schizophrenia and autistic spectrum disorder. **2012**, 62, 1519-26	75
434	MEF2 negatively regulates learning-induced structural plasticity and memory formation. **2012**, 15, 1255-64	96
433	Synaptic dysfunction and intellectual disability. **2012**, 970, 433-49	28
432	Genome-wide transcriptome profiling reveals the functional impact of rare de novo and recurrent CNVs in autism spectrum disorders. **2012**, 91, 38-55	123
431	Brain IL-6 elevation causes neuronal circuitry imbalances and mediates autism-like behaviors. **2012**, 1822, 831-42	137
430	Cadherins and neuropsychiatric disorders. **2012**, 1470, 130-44	177
429	Genetic architecture in autism spectrum disorder. **2012**, 22, 229-37	357
428	Evidence of novel fine-scale structural variation at autism spectrum disorder candidate loci. **2012**, 3, 2	32

427	Identification of genomic deletions spanning the PCDH19 gene in two unrelated girls with intellectual disability and seizures. **2012**, 82, 540-5	26
426	Synapse dysfunction in autism: a molecular medicine approach to drug discovery in neurodevelopmental disorders. **2012**, 33, 669-84	89
425	Epigenetics, Brain and Behavior. **2012**,	3
424	Implications of gene copy-number variation in health and diseases. **2012**, 57, 6-13	108
423	Structural, genetic, and functional signatures of disordered neuro-immunological development in autism spectrum disorder. **2012**, 7, e48835	13
422	Autism spectrum disorders. 273-302	
421	Genetic, morphometric, and behavioral factors linked to the midsagittal area of the corpus callosum. **2012**, 3, 91	8
420	A novel predicted calcium-regulated kinase family implicated in neurological disorders. **2012**,	1
419	Clinical and Genetic Heterogeneity of Autism. **2012**,	1
418	Social Agents and Genes. 117-137	
417	Autism as the Early Closure of a Neuroplastic Critical Period Normally Seen in Adolescence. **2013**, 1,	17
416	References. 232-314	
415	Autism and the grand challenges in global mental health. **2012**, 5, 156-9	44
414	Genome-wide association analysis identifies susceptibility loci for migraine without aura. **2012**, 44, 777-82	243
413	Neurotransmitter corelease: mechanism and physiological role. **2012**, 74, 225-43	193
412	Detection and characterization of copy number variation in autism spectrum disorder. **2012**, 838, 115-35	58
411	Allowing for sex differences increases power in a GWAS of multiplex Autism families. **2012**, 17, 215-22	40
410	Role of PCDH10 and its hypermethylation in human gastric cancer. **2012**, 1823, 298-305	38

409	Gene expression studies in autism: moving from the genome to the transcriptome and beyond. **2012**, 45, 69-75	46
408	Abnormal modulation of corticospinal excitability in adults with Asperger's syndrome. **2012**, 36, 2782-8	48
407	Expression of delta-protocadherins in the spinal cord of the chicken embryo. **2012**, 520, 1509-31	21
406	PCDH19-related infantile epileptic encephalopathy: an unusual X-linked inheritance disorder. **2012**, 33, 627-34	91
405	Sodium Calcium Exchange: A Growing Spectrum of Pathophysiological Implications. **2013**,	5
404	Intellectual disability is associated with increased runs of homozygosity in simplex autism. **2013**, 93, 103-9	51
403	Microdeletion 5q14.3 and anomalies of brain development. **2013**, 161A, 2124-33	15
402	The genetic landscapes of autism spectrum disorders. **2013**, 14, 191-213	274
401	The MEF2 family and the brain: from molecules to memory. **2013**, 352, 179-90	39
400	Identification of candidate intergenic risk loci in autism spectrum disorder. **2013**, 14, 499	37
399	Brain IL-6 and autism. **2013**, 252, 320-5	80
398	Recent developments in the genetics of autism spectrum disorders. **2013**, 23, 310-5	104
397	Does epilepsy in multiplex autism pedigrees define a different subgroup in terms of clinical characteristics and genetic risk?. **2013**, 4, 47	35
396	Autism Spectrum Disorders. **2013**, 1067-1074	
395	Christianson syndrome protein NHE6 modulates TrkB endosomal signaling required for neuronal circuit development. **2013**, 80, 97-112	88
394	Functional evaluation of autism-associated mutations in NHE9. **2013**, 4, 2510	66
393	Copy Number Variation in Autism Spectrum Disorders. **2013**, 145-154	
392	Detection of clinically relevant genetic variants in autism spectrum disorder by whole-genome sequencing. **2013**, 93, 249-63	345

391	Contactins in the neurobiology of autism. **2013**, 719, 63-74		77
390	Differential gene body methylation and reduced expression of cell adhesion and neurotransmitter receptor genes in adverse maternal environment. **2013**, 3, e218		35
389	Enhanced recruitment of endosomal Na+/H+ exchanger NHE6 into Dendritic spines of hippocampal pyramidal neurons during NMDA receptor-dependent long-term potentiation. *Journal of Neuroscience*, **2013**, 33, 595-610	6.6	34
388	Activity-dependent neuronal signalling and autism spectrum disorder. **2013**, 493, 327-37		434
387	The Na(+)/H (+) exchanger NHE5 is sorted to discrete intracellular vesicles in the central and peripheral nervous systems. **2013**, 961, 397-410		7
386	Prominent psychiatric comorbidity in the dominantly inherited movement disorder myoclonus-dystonia. **2013**, 19, 422-5		24
385	Biological embedding in mental health: an epigenomic perspective. **2013**, 91, 14-21		29
384	Amish revisited: next-generation sequencing studies of psychiatric disorders among the Plain people. **2013**, 29, 412-8		17
383	Serotonin gene variants are unlikely to play a significant role in the pathogenesis of the sudden infant death syndrome. **2013**, 189, 301-14		16
382	Spatial organization of ubiquitin ligase pathways orchestrates neuronal connectivity. **2013**, 36, 218-26		34
381	Rare complete knockouts in humans: population distribution and significant role in autism spectrum disorders. **2013**, 77, 235-42		190
380	Translational Neuroimaging for Drug Discovery and Development in Autism Spectrum Disorders: Guidance from Clinical Imaging and Preclinical Research. **2013**, 245-280		
379	Sumoylated MEF2A coordinately eliminates orphan presynaptic sites and promotes maturation of presynaptic boutons. *Journal of Neuroscience*, **2013**, 33, 4726-40	6.6	29
378	Mitochondrial Medicine. **2013**, 1-153		5
377	Structural and molecular interrogation of intact biological systems. **2013**, 497, 332-7		1330
376	Using whole-exome sequencing to identify inherited causes of autism. **2013**, 77, 259-73		297
375	SLC9/NHE gene family, a plasma membrane and organellar family of Na+/H+ exchangers. **2013**, 34, 236-51		175
374	Delta-protocadherins in health and disease. **2013**, 116, 169-92		27

373	Contactin 4, -5 and -6 differentially regulate neuritogenesis while they display identical PTPRG binding sites. **2013**, 2, 324-34		31
372	MHCI requires MEF2 transcription factors to negatively regulate synapse density during development and in disease. *Journal of Neuroscience*, **2013**, 33, 13791-804	6.6	55
371	Progress in Motor Control. **2013**,		3
370	Vaccinophobia and Vaccine Controversies of the 21st Century. **2013**,		4
369	C3orf58, a novel paracrine protein, stimulates cardiomyocyte cell-cycle progression through the PI3K-AKT-CDK7 pathway. **2013**, 113, 372-80		61
368	Mutation screening in the Greek population and evaluation of NLGN3 and NLGN4X genes causal factors for autism. **2013**, 23, 198-203		12
367	Changes in plasticity across the lifespan: cause of disease and target for intervention. **2013**, 207, 91-120		73
366	Rare missense neuronal cadherin gene (CDH2) variants in specific obsessive-compulsive disorder and Tourette disorder phenotypes. **2013**, 21, 850-4		32
365	Stem cells as a good tool to investigate dysregulated biological systems in autism spectrum disorders. **2013**, 6, 354-61		11
364	The Angelman syndrome protein Ube3a/E6AP is required for Golgi acidification and surface protein sialylation. *Journal of Neuroscience*, **2013**, 33, 3799-814	6.6	34
363	Haplotype structure enables prioritization of common markers and candidate genes in autism spectrum disorder. **2013**, 3, e262		17
362	Translational applied behavior analysis and neuroscience.. **2013**, 33-45		
361	Genetic pathways to autism spectrum disorders. **2013**, 3, 193-207		3
360	Diagnostic delay of autism in Jordan: review of 84 cases. **2013**, 8, 21725		11
359	Antidepressant and synaptic remodeling by cell adhesion molecules. **2013**, 142, 112-115		
358	Fast preparation of a polyclonal antibody against chicken protocadherin 1. **2013**, 12, 2156-66		1
357	A novel predicted calcium-regulated kinase family implicated in neurological disorders. **2013**, 8, e66427		29
356	Epigenomic Mechanisms of Early Adversity and HPA Dysfunction: Considerations for PTSD Research. **2013**, 4, 110		53

355	Channelopathy pathogenesis in autism spectrum disorders. **2013**, 4, 222		62
354	FMRP: a triple threat to PSD-95. *Frontiers in Cellular Neuroscience*, **2013**, 7, 57	6.1	4
353	Autism Spectrum Disorders: Insights from Genomics. **2013**,		
352	Human variants in the neuronal basic helix-loop-helix/Per-Arnt-Sim (bHLH/PAS) transcription factor complex NPAS4/ARNT2 disrupt function. **2014**, 9, e85768		18
351	Association of Copy Number Variations in Autism Spectrum Disorders: A Systematic Review. **2014**, 2014, 1-9		10
350	Impaired activity-dependent neural circuit assembly and refinement in autism spectrum disorder genetic models. *Frontiers in Cellular Neuroscience*, **2014**, 8, 30	6.1	61
349	Genetic aspects of autism spectrum disorders: insights from animal models. *Frontiers in Cellular Neuroscience*, **2014**, 8, 58	6.1	80
348	An inside job: how endosomal Na(+)/H(+) exchangers link to autism and neurological disease. *Frontiers in Cellular Neuroscience*, **2014**, 8, 172	6.1	66
347	Synaptic proteins and receptors defects in autism spectrum disorders. *Frontiers in Cellular Neuroscience*, **2014**, 8, 276	6.1	102
346	Structural and Functional Organization of the Postsynaptic Density. **2014**, 129-153		0
345	Craniosynostosis, psychomotor retardation, and facial dysmorphic features in a Spanish patient with a 4q27q28.3 deletion. **2014**, 30, 2157-61		1
344	Cell Adhesion Molecules. **2014**,		5
343	Protocadherins in neurological diseases. **2014**, 8, 293-314		23
342	Genes for endosomal NHE6 and NHE9 are misregulated in autism brains. **2014**, 19, 277-9		47
341	Family-based clinical associations and functional characterization of the serotonin 2A receptor gene (HTR2A) in autism spectrum disorder. **2014**, 7, 459-67		21
340	Endosomal pH in neuronal signaling and synaptic transmission: role of Na(+)/H(+) exchanger NHE5. *Frontiers in Physiology*, **2014**, 4, 412	4.6	30
339	Neurobiological abnormalities in the first few years of life in individuals later diagnosed with autism spectrum disorder: a review of recent data. **2014**, 2014, 210780		16
338	Genomic view of bipolar disorder revealed by whole genome sequencing in a genetic isolate. **2014**, 10, e1004229		59

337	Prefrontal cortical and striatal transcriptional responses to the reinforcing effect of repeated methylphenidate treatment in the spontaneously hypertensive rat, animal model of attention-deficit/hyperactivity disorder (ADHD). **2014**, 10, 17		17
336	Emerging roles for MEF2 transcription factors in memory. **2014**, 13, 118-25		50
335	Protocadherin 10 suppresses tumorigenesis and metastasis in colorectal cancer and its genetic loss predicts adverse prognosis. **2014**, 135, 2593-603		27
334	Analyses of copy number variation reveal putative susceptibility loci in MTX-induced mouse neural tube defects. **2014**, 74, 877-93		4
333	Genetic and phenotypic diversity of NHE6 mutations in Christianson syndrome. **2014**, 76, 581-93		56
332	Assessing the impact of copy number variants on miRNA genes in autism by Monte Carlo simulation. **2014**, 9, e90947		19
331	GABAergic/glutamatergic imbalance relative to excessive neuroinflammation in autism spectrum disorders. **2014**, 11, 189		116
330	Clinical Presentation and Microarray Analysis of Peruvian Children with Atypical Development and/or Aberrant Behavior. **2014**, 2014, 408516		4
329	Modulation of GABAergic transmission in development and neurodevelopmental disorders: investigating physiology and pathology to gain therapeutic perspectives. *Frontiers in Cellular Neuroscience*, **2014**, 8, 119	6.1	102
328	Effect of anodal transcranial direct current stimulation on autism: a randomized double-blind crossover trial. **2014**, 2014, 173073		54
327	The genetic landscape of autism spectrum disorders. **2014**, 56, 12-8		62
326	Intellectual disability and autism spectrum disorders: causal genes and molecular mechanisms. **2014**, 46 Pt 2, 161-74		123
325	Copy number variation and autism: new insights and clinical implications. **2014**, 113, 400-8		30
324	The intracellular Na(+)/H(+) exchanger NHE7 effects a Na(+)-coupled, but not K(+)-coupled proton-loading mechanism in endocytosis. **2014**, 7, 689-96		31
323	Consanguinity in Saudi Arabia: a unique opportunity for pediatric kidney research. **2014**, 63, 304-10		18
322	Identification of rare DNA sequence variants in high-risk autism families and their prevalence in a large case/control population. **2014**, 5, 5		28
321	The developmental pattern of the RAS/RAF/Erk1/2 pathway in the BTBR autism mouse model. **2014**, 39, 2-8		7
320	Sarm1, a neuronal inflammatory regulator, controls social interaction, associative memory and cognitive flexibility in mice. **2014**, 37, 142-51		26

319	Recent challenges to the psychiatric diagnostic nosology: a focus on the genetics and genomics of neurodevelopmental disorders. **2014**, 43, 465-75		35
318	Association of CDH11 with non-syndromic ASD. **2014**, 165B, 391-8		14
317	Prioritization of neurodevelopmental disease genes by discovery of new mutations. **2014**, 17, 764-72		115
316	Beyond E-cadherin: roles of other cadherin superfamily members in cancer. **2014**, 14, 121-34		266
315	The WAVE regulatory complex links diverse receptors to the actin cytoskeleton. **2014**, 156, 195-207		189
314	Regulation of the neuronal transcription factor NPAS4 by REST and microRNAs. **2014**, 1839, 13-24		22
313	Genetics of recessive cognitive disorders. **2014**, 30, 32-9		92
312	Modest impact on risk for autism spectrum disorder of rare copy number variants at 15q11.2, specifically breakpoints 1 to 2. **2014**, 7, 355-62		49
311	Functional effects of dopamine transporter gene genotypes on in vivo dopamine transporter functioning: a meta-analysis. **2014**, 19, 880-9		88
310	Advances in Genetic Discovery and Implications for Counseling of Patients and Families with Autism Spectrum Disorders. **2014**, 2, 124-134		5
309	A CTNNA3 compound heterozygous deletion implicates a role for α-catenin in susceptibility to autism spectrum disorder. *Journal of Neurodevelopmental Disorders*, **2014**, 6, 17	4.6	32
308	Traditional and emerging roles for the SLC9 Na+/H+ exchangers. **2014**, 466, 61-76		101
307	Intercellular protein-protein interactions at synapses. **2014**, 5, 420-44		28
306	Excess of homozygosity in the major histocompatibility complex in schizophrenia. *Human Molecular Genetics*, **2014**, 23, 6088-95	5.6	13
305	Molecular basis for prospective pharmacological treatment strategies in intellectual disability syndromes. **2014**, 74, 197-206		8
304	Functional characterization of Na+/H+ exchangers of intracellular compartments using proton-killing selection to express them at the plasma membrane. **2015**,		3
303	Genetic Markers Association in Autism Spectrum Disorder. **2015**, 3,		1
302	Assessing and Stabilizing Aberrant Neuroplasticity in Autism Spectrum Disorder: The Potential Role of Transcranial Magnetic Stimulation. **2015**, 6, 124		5

301	Implications of sodium hydrogen exchangers in various brain diseases. **2015**, 26, 417-26	10
300	Protocadherin-9 involvement in retinal development in Xenopus laevis. **2015**, 157, 235-49	1
299	Effects of Npas4 deficiency on anxiety, depression-like, cognition and sociability behaviour. **2015**, 281, 276-82	32
298	Accelerating novel candidate gene discovery in neurogenetic disorders via whole-exome sequencing of prescreened multiplex consanguineous families. **2015**, 10, 148-61	262
297	A leak pathway for luminal protons in endosomes drives oncogenic signalling in glioblastoma. **2015**, 6, 6289	57
296	The emerging picture of autism spectrum disorder: genetics and pathology. **2015**, 10, 111-44	168
295	Pinar T. Ozand: Clinician-Scientist Extraordinaire. **2013**,	
294	Cadherin-based transsynaptic networks in establishing and modifying neural connectivity. **2015**, 112, 415-65	26
293	A Single Kinase Generates the Majority of the Secreted Phosphoproteome. **2015**, 161, 1619-32	187
292	Angelman Syndrome. **2015**, 12, 641-50	75
291	Pragmatism and the Search for Coherence in Neuroscience. **2015**,	12
290	No evidence for rare recessive and compound heterozygous disruptive variants in schizophrenia. **2015**, 23, 555-7	17
289	Extracellular and Intracellular Signaling for Neuronal Polarity. **2015**, 95, 995-1024	64
288	Discovery of Rare Mutations in Autism: Elucidating Neurodevelopmental Mechanisms. **2015**, 12, 553-71	15
287	Oxytocin: parallel processing in the social brain?. **2015**, 27, 516-35	25
286	Protocadherins branch out: Multiple roles in dendrite development. **2015**, 9, 214-26	49
285	Gene hunting in autism spectrum disorder: on the path to precision medicine. **2015**, 14, 1109-20	291
284	The secretory pathway kinases. **2015**, 1854, 1687-93	27

283	Contactin-5 expression during development and wiring of the thalamocortical system. **2015**, 310, 106-13		6
282	Compound heterozygous mutations in the noncoding RNU4ATAC cause Roifman Syndrome by disrupting minor intron splicing. **2015**, 6, 8718		74
281	Proper migration and axon outgrowth of zebrafish cranial motoneuron subpopulations require the cell adhesion molecule MDGA2A. **2015**, 4, 146-54		7
280	Genes, circuits, and precision therapies for autism and related neurodevelopmental disorders. *Science*, **2015**, 350,	33.3	155
279	The Sorting Receptor SorCS1 Regulates Trafficking of Neurexin and AMPA Receptors. **2015**, 87, 764-80		47
278	The complex genetics in autism spectrum disorders. **2015**, 58, 933-45		5
277	Social visual engagement in infants and toddlers with autism: early developmental transitions and a model of pathogenesis. **2015**, 50, 189-203		113
276	Use of transcranial magnetic stimulation in autism spectrum disorders. **2015**, 45, 524-36		50
275	Protocadherin Mutations in Neurodevelopmental Disorders. **2016**, 221-231		1
274	Brain Stimulation and Modulation for Autism Spectrum Disorder. **2016**, 36, 65		2
273	Experimental Tools for the Identification of Specific Genes in Autism Spectrum Disorders and Intellectual Disability. **2016**, 3-12		1
272	Structural determinants of adhesion by Protocadherin-19 and implications for its role in epilepsy. **2016**, 5,		52
271	Role of Paracrine Mechanisms. **2016**, 39-48		1
270	A Subset of Autism-Associated Genes Regulate the Structural Stability of Neurons. *Frontiers in Cellular Neuroscience*, **2016**, 10, 263	6.1	51
269	Mutations in Synaptic Adhesion Molecules. **2016**, 161-175		
268	Genetics of X-Linked Intellectual Disability. **2016**, 25-41		2
267	Genome-wide association study for the level of serum electrolytes in Italian Large White pigs. **2016**, 47, 597-602		9
266	Overexpression of Protocadherin-10 in Transthyretin-Related Familial Amyloidotic Polyneuropathy. **2016**, 186, 1913-24		5

265	Advancing the understanding of autism disease mechanisms through genetics. **2016**, 22, 345-61		453
264	An Overview of Autism and Applied Behavior Analysis in the Gulf Cooperation Council in the Middle East. **2016**, 3, 154-164		10
263	Endosomal system genetics and autism spectrum disorders: A literature review. **2016**, 65, 95-112		10
262	Emerging roles of Na+/H+ exchangers in epilepsy and developmental brain disorders. **2016**, 138-140, 19-35		39
261	Foxp2 controls synaptic wiring of corticostriatal circuits and vocal communication by opposing Mef2c. **2016**, 19, 1513-1522		65
260	The Golgi Complex. **2016**,		
259	Rare Inherited and De Novo CNVs Reveal Complex Contributions to ASD Risk in Multiplex Families. **2016**, 99, 540-554		125
258	Methods to Purify and Assay Secretory Pathway Kinases. **2016**, 1496, 197-215		5
257	Mutations in Human Accelerated Regions Disrupt Cognition and Social Behavior. **2016**, 167, 341-354.e12		154
256	Aberrant expression and functions of protocadherins in human malignant tumors. **2016**, 37, 12969-12981		10
255	Autism Spectrum Disorder: Genes to Pathways to Circuits. **2016**, 443-465		1
254	Current Perspectives in Autism Spectrum Disorder: From Genes to Therapy. *Journal of Neuroscience* , **2016**, 36, 11402-11410	6.6	39
253	Analysis of Shared Haplotypes amongst Palauans Maps Loci for Psychotic Disorders to 4q28 and 5q23-q31. **2017**, 2, 173-184		1
252	Joint Attention and the Social Phenotype of Autism Spectrum Disorder: A Perspective From Developmental Psychopathology. **2016**, 1-36		1
251	Cadherin-Related Diseases. **2016**, 399-421		0
250	The Cadherin Superfamily. **2016**,		1
249	The frontier of RNA metamorphosis and ribosome signature in neocortical development. **2016**, 55, 131-139		16
248	Autism spectrum disorder traits in Slc9a9 knock-out mice. **2016**, 171B, 363-76		17

247	Adult Deletion of SRF Increases Epileptogenesis and Decreases Activity-Induced Gene Expression. **2016**, 53, 1478-1493		37
246	Emerging Concepts in Paracrine Mechanisms in Regenerative Cardiovascular Medicine and Biology. **2016**, 118, 95-107		167
245	Postnatal Loss of Mef2c Results in Dissociation of Effects on Synapse Number and Learning and Memory. **2016**, 80, 140-148		30
244	Unifying Views of Autism Spectrum Disorders: A Consideration of Autoregulatory Feedback Loops. **2016**, 89, 1131-1156		111
243	Sodium-Proton (Na(+)/H(+)) Antiporters: Properties and Roles in Health and Disease. **2016**, 16, 391-458		50
242	Genetics and psychotic disorders: A fresh look at consanguinity. **2016**, 59, 104-10		7
241	The genetics and neurobiology of ESSENCE: The third Birgit Olsson lecture. **2016**, 70, 1-9		14
240	Whole-genome association analysis of treatment response in obsessive-compulsive disorder. **2016**, 21, 270-6		39
239	Sociability Deficits and Altered Amygdala Circuits in Mice Lacking Pcdh10, an Autism Associated Gene. **2017**, 81, 193-202		38
238	miR-744 and miR-224 Downregulate Npas4 and Affect Lineage Differentiation Potential and Neurite Development During Neural Differentiation of Mouse Embryonic Stem Cells. **2017**, 54, 3528-3541		6
237	HASF (C3orf58) is a novel ligand of the insulin-like growth factor 1 receptor. **2017**, 474, 771-780		11
236	Reframing autism as a behavioral syndrome and not a specific mental disorder: Implications of genetic and phenotypic heterogeneity. **2017**, 80, 210		14
235	Na/H Exchanger 9 Regulates Iron Mobilization at the Blood-Brain Barrier in Response to Iron Starvation. *Journal of Biological Chemistry*, **2017**, 292, 4293-4301	5.4	20
234	Loss of the Na/H exchanger NHE8 causes male infertility in mice by disrupting acrosome formation. *Journal of Biological Chemistry*, **2017**, 292, 10845-10854	5.4	23
233	Transcribing the connectome: roles for transcription factors and chromatin regulators in activity-dependent synapse development. **2017**, 118, 755-770		18
232	PCDH10 gene inhibits cell proliferation and induces cell apoptosis by inhibiting the PI3K/Akt signaling pathway in hepatocellular carcinoma cells. **2017**, 37, 3167-3174		17
231	Cysteine-rich whey protein isolate (Immunocal) ameliorates deficits in the GFAP.HMOX1 mouse model of schizophrenia. *Free Radical Biology and Medicine*, **2017**, 110, 162-175	7.8	11
230	Regulation of neural circuit formation by protocadherins. **2017**, 74, 4133-4157		49

229	Clustered protocadherin trafficking. **2017**, 69, 131-139	8
228	Leveraging blood serotonin as an endophenotype to identify de novo and rare variants involved in autism. **2017**, 8, 14	30
227	Candidate Genes for Inherited Autism Susceptibility in the Lebanese Population. **2017**, 7, 45336	4
226	RNF8/UBC13 ubiquitin signaling suppresses synapse formation in the mammalian brain. **2017**, 8, 1271	24
225	Protocadherin 10 alters □oscillations, amino acid levels, and their coupling; baclofen partially restores these oscillatory deficits. **2017**, 108, 324-338	9
224	□Protocadherins: Organizers of neural circuit assembly. **2017**, 69, 83-90	11
223	Epigenetic dysregulation of protocadherins in human disease. **2017**, 69, 172-182	39
222	NitroSynapsin therapy for a mouse MEF2C haploinsufficiency model of human autism. **2017**, 8, 1488	47
221	Hypoxia-induced mobilization of NHE6 to the plasma membrane triggers endosome hyperacidification and chemoresistance. **2017**, 8, 15884	35
220	Features of emotional and social behavioral phenotypes of calsyntenin2 knockout mice. **2017**, 332, 343-354	15
219	Sex-Specific Life Course Changes in the Neuro-Metabolic Phenotype of Glut3 Null Heterozygous Mice: Ketogenic Diet Ameliorates Electroencephalographic Seizures and Improves Sociability. **2017**, 158, 936-949	12
218	Molecular dissection of germline chromothripsis in a developmental context using patient-derived iPS cells. **2017**, 9, 9	21
217	Disruption of Ninjurin1 Leads to Repetitive and Anxiety-Like Behaviors in Mice. **2017**, 54, 7353-7368	10
216	The role of cell adhesion molecules in brain wiring and neuropsychiatric disorders. **2017**, 81, 4-11	18
215	SLC9A9 Co-expression modules in autism-associated brain regions. **2017**, 10, 414-429	9
214	Whole-exome sequencing identifies two novel missense mutations (p.L111P and p.R3048C) of RYR3 in a Vietnamese patient with autism spectrum disorders. **2017**, 39, 301-306	0
213	Genome-Wide Association Analysis of the Sense of Smell in U.S. Older Adults: Identification of Novel Risk Loci in African-Americans and European-Americans. **2017**, 54, 8021-8032	12
212	Morphophysiological effects of insertional mutagenesis of the contactin 5 (Cntn5) gene in transgenic mice. **2017**, 7, 799-805	

211	Role of Genetics in the Etiology of Autistic Spectrum Disorder: Towards a Hierarchical Diagnostic Strategy. **2017**, 18,		13
210	Emerging Synaptic Molecules as Candidates in the Etiology of Neurological Disorders. **2017**, 2017, 8081758		40
209	Fundamental Elements in Autism: From Neurogenesis and Neurite Growth to Synaptic Plasticity. *Frontiers in Cellular Neuroscience*, **2017**, 11, 359	6.1	109
208	Autism Spectrum Disorder. **2017**, 301-316		6
207	Structural and Functional Organization of the Postsynaptic Density?. **2017**,		1
206	Genetics of autism spectrum disorder. **2018**, 147, 321-329		83
205	Repint of "Reframing autism as a behavioral syndrome and not a specific mental disorder: Implications of genetic and phenotypic heterogeneity". **2018**, 89, 132-150		23
204	Encyclopedia of Signaling Molecules. **2018**, 5112-5119		
203	Encyclopedia of Signaling Molecules. **2018**, 5010-5012		
202	Encyclopedia of Signaling Molecules. **2018**, 5238-5245		
201	Encyclopedia of Signaling Molecules. **2018**, 5061-5061		
200	Encyclopedia of Signaling Molecules. **2018**, 5264-5264		
199	A mouse model of autism implicates endosome pH in the regulation of presynaptic calcium entry. **2018**, 9, 330		15
198	The Na(K)/H exchanger Nhx1 controls multivesicular body-vacuolar lysosome fusion. **2018**, 29, 317-325		10
197	Abnormal Cell Sorting Underlies the Unique X-Linked Inheritance of PCDH19 Epilepsy. **2018**, 97, 59-66.e5		58
196	Autism Spectrum Disorders. **2018**, 477-495		2
195	Transcriptome Analysis Revealed Impaired cAMP Responsiveness in PHF21A-Deficient Human Cells. **2018**, 370, 170-180		3
194	Digital gene atlas of neonate common marmoset brain. **2018**, 128, 1-13		18

193	Communicating complex genomic information: A counselling approach derived from research experience with Autism Spectrum Disorder. **2018**, 101, 352-361		15
192	Genomics of autism spectrum disorder: approach to therapy. **2018**, 7,		6
191	Structural insights and characterization of human Npas4 protein. **2018**, 6, e4978		2
190	Buffering and Amplifying Transcriptional Noise During Cell Fate Specification. **2018**, 9, 591		26
189	Synaptopathology Involved in Autism Spectrum Disorder. *Frontiers in Cellular Neuroscience*, **2018**, 12, 470	6.1	101
188	UBE3A and Its Link With Autism. **2018**, 11, 448		38
187	Contactin-1/F3 Regulates Neuronal Migration and Morphogenesis Through Modulating RhoA Activity. **2018**, 11, 422		17
186	Loss of Protocadherin-12 Leads to Diencephalic-Mesencephalic Junction Dysplasia Syndrome. **2018**, 84, 638-647		13
185	Applied Computational Genomics. **2018**,		
184	Synaptic N-methyladenosine (mA) epitranscriptome reveals functional partitioning of localized transcripts. **2018**, 21, 1004-1014		83
183	Autism throughout genetics: Perusal of the implication of ion channels. **2018**, 8, e00978		13
182	The Oxytocin Receptor: From Intracellular Signaling to Behavior. **2018**, 98, 1805-1908		322
181	Cerebellar modules in the olivo-cortico-nuclear loop demarcated by pcdh10 expression in the adult mouse. **2018**, 526, 2406-2427		14
180	Pathobiology of Christianson syndrome: Linking disrupted endosomal-lysosomal function with intellectual disability and sensory impairments. **2019**, 165, 106867		7
179	Genomic imbalances defining novel intellectual disability associated loci. **2019**, 14, 164		0
178	Microglia as possible therapeutic targets for autism spectrum disorders. **2019**, 167, 223-245		5
177	Getting to the Cores of Autism. **2019**, 178, 1287-1298		91
176	The SLC9A-C Mammalian Na/H Exchanger Family: Molecules, Mechanisms, and Physiology. **2019**, 99, 2015-2113		54

175	Psychopathology in Adolescents and Adults with Autism Spectrum Disorders. **2019**,		0
174	A Late Phase of Long-Term Synaptic Depression in Cerebellar Purkinje Cells Requires Activation of MEF2. **2019**, 26, 1089-1097.e3		8
173	Both rare and common genetic variants contribute to autism in the Faroe Islands. *Npj Genomic Medicine*, **2019**, 4, 1	6.2	36
172	Recessive gene disruptions in autism spectrum disorder. **2019**, 51, 1092-1098		56
171	The Autism and Angelman Syndrome Protein Ube3A/E6AP: The Gene, E3 Ligase Ubiquitination Targets and Neurobiological Functions. **2019**, 12, 109		34
170	Heterozygosity mapping for human dominant trait variants. **2019**, 40, 996-1004		3
169	Epigenetic Regulations in Neuropsychiatric Disorders. **2019**, 10, 268		72
168	A Synaptic Perspective of Fragile X Syndrome and Autism Spectrum Disorders. **2019**, 101, 1070-1088		102
167	PhotonSABER: new tool shedding light on endocytosis and learning mechanisms. **2019**, 12, 34-37		
166	Effect of disease-associated SLC9A9 mutations on protein-protein interaction networks: implications for molecular mechanisms for ADHD and autism. **2019**, 11, 91-105		5
165	Population-based identity-by-descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. **2019**, 180, 223-231		2
164	Home-cage hypoactivity in mouse genetic models of autism spectrum disorder. **2019**, 165, 107000		12
163	An Interpretative Phenomenological Analysis of Families Affected by Autism in Dubai. **2019**, 2, 82-89		0
162	The Role of Protocadherin 19 (PCDH19) in Neurodevelopment and in the Pathophysiology of Early Infantile Epileptic Encephalopathy-9 (EIEE9). **2019**, 79, 75-84		14
161	A recurrent missense variant in SLC9A7 causes nonsyndromic X-linked intellectual disability with alteration of Golgi acidification and aberrant glycosylation. *Human Molecular Genetics*, **2019**, 28, 598-614	5.6	16
160	The comparative biochemistry of viruses and humans: an evolutionary path towards autoimmunity. **2019**, 400, 629-638		13
159	Homozygous 2p11.2 deletion supports the implication of ELMOD3 in hearing loss and reveals the potential association of CAPG with ASD/ID etiology. **2019**, 60, 49-56		7
158	DIPK2A promotes STX17- and VAMP7-mediated autophagosome-lysosome fusion by binding to VAMP7B. **2020**, 16, 797-810		12

157	TSC patient-derived isogenic neural progenitor cells reveal altered early neurodevelopmental phenotypes and rapamycin-induced MNK-eIF4E signaling. **2020**, 11, 2		14
156	An Overview of the Main Genetic, Epigenetic and Environmental Factors Involved in Autism Spectrum Disorder Focusing on Synaptic Activity. **2020**, 21,		34
155	Endosomal Acid-Base Homeostasis in Neurodegenerative Diseases. **2020**, 1		3
154	Homozygous deletions implicate non-coding epigenetic marks in Autism spectrum disorder. **2020**, 10, 14045		3
153	Right Place at the Right Time: How Changes in Protocadherins Affect Synaptic Connections Contributing to the Etiology of Neurodevelopmental Disorders. **2020**, 9,		4
152	Sodium hydrogen exchanger 9 NHE9 (SLC9A9) and its emerging roles in neuropsychiatric comorbidity. **2020**, 183, 289-305		0
151	Recent Advances in Understanding the Genetic Architecture of Autism. **2020**, 21, 289-304		11
150	Integrated Functional Analysis Implicates Syndromic and Rare Copy Number Variation Genes as Prominent Molecular Players in Pathogenesis of Autism Spectrum Disorders. **2020**, 438, 25-40		4
149	Disruption of PCDH10 and TNRC18 Genes due to a Balanced Translocation. **2020**, 160, 321-328		2
148	Myocyte Enhancer Factor 2A (MEF2A) Defines Oxytocin-Induced Morphological Effects and Regulates Mitochondrial Function in Neurons. **2020**, 21,		6
147	CH-Type Zinc Finger Proteins in Brain Development, Neurodevelopmental, and Other Neuropsychiatric Disorders: Systematic Literature-Based Analysis. **2020**, 11, 32		11
146	The mechanism and regulation of vesicular glutamate transport: Coordination with the synaptic vesicle cycle. **2020**, 1862, 183259		3
145	PCDH7 interacts with GluN1 and regulates dendritic spine morphology and synaptic function. **2020**, 10, 10951		2
144	Reversal of synaptic and behavioral deficits in a 16p11.2 duplication mouse model via restoration of the GABA synapse regulator Npas4. **2021**, 26, 1967-1979		13
143	Age dependent association of inbreeding with risk for schizophrenia in Egypt. **2020**, 216, 450-459		1
142	Consanguinity and Autism. **2020**, 22, 3		6
141	MEF2C Hypofunction in Neuronal and Neuroimmune Populations Produces MEF2C Haploinsufficiency Syndrome-like Behaviors in Mice. **2020**, 88, 488-499		10
140	Assorted dysfunctions of endosomal alkali cation/proton exchanger variants linked to Christianson syndrome. *Journal of Biological Chemistry*, **2020**, 295, 7075-7095	5.4	5

139	Genome-Wide DNA Methylation and RNA Analysis Reveal Potential Mechanism of Resistance to in GIFT Strain of Nile Tilapia (. **2020**, 204, 3182-3190		2
138	Anxiolytic and Anxiogenic? How the Transcription Factor MEF2 Might Explain the Manifold Behavioral Effects of Oxytocin. **2020**, 11, 186		10
137	Genetic and Epigenetic Etiology Underlying Autism Spectrum Disorder. **2020**, 9,		29
136	Remodeling without destruction: non-proteolytic ubiquitin chains in neural function and brain disorders. **2021**, 26, 247-264		6
135	Proximity-dependent Proteomics Reveals Extensive Interactions of Protocadherin-19 with Regulators of Rho GTPases and the Microtubule Cytoskeleton. **2021**, 452, 26-36		2
134	Age- and sex-specific fear conditioning deficits in mice lacking Pcdh10, an Autism Associated Gene. **2021**, 178, 107364		1
133	Personalized Perturbation Profiles Reveal Concordance between Autism Blood Transcriptome Datasets.		0
132	Encyclopedia of Autism Spectrum Disorders. **2021**, 2406-2409		
131	Extrinsic Regulators of mRNA Translation in Developing Brain: Story of WNTs. **2021**, 10,		2
130	Synaptic recognition molecules in development and disease. **2021**, 142, 319-370		2
129	Encyclopedia of Autism Spectrum Disorders. **2021**, 803-807		
128	Mapping the Generations: Survey of the Literature on Multigenerational Memory. **2021**, 41-80		
127	Diverse functions associate with trans-species polymorphisms in humans.		
126	Male pheromones modulate synaptic transmission at the C. elegans neuromuscular junction in a sexually dimorphic manner.		
125	The Ubiquitinated Axon: Local Control of Axon Development and Function by Ubiquitin. *Journal of Neuroscience*, **2021**, 41, 2796-2813	6.6	1
124	Male pheromones modulate synaptic transmission at the neuromuscular junction in a sexually dimorphic manner. **2021**, 10,		1
123	Involvement of myocyte enhancer factor 2c in the pathogenesis of autism spectrum disorder. **2021**, 7, e06854		2
122	Assessing and stabilizing atypical plasticity in autism spectrum disorder using rTMS: Results from a proof-of-principle study. **2021**,		1

121	Chronic oxytocin-driven alternative splicing of Crfr2 induces anxiety. **2021**,		6
120	Loss of histone methyltransferase ASH1L in the developing mouse brain causes autistic-like behaviors. **2021**, 4, 756		9
119	Making sense of mRNA landscapes: Translation control in neurodevelopment. **2021**, e1674		2
118	Regulation of Neural Circuit Development by Cadherin-11 Provides Implications for Autism. **2021**, 8,		0
117	Biological implications of genetic variations in autism spectrum disorders from genomics studies. **2021**, 41,		0
116	Protocadherins regulate neural progenitor cell division by antagonizing Ryk and Wnt/catenin signaling. *IScience*, **2021**, 24, 102932	6.1	0
115	Decreased Brain pH and Pathophysiology in Schizophrenia. **2021**, 22,		3
114	The Hidden Side of NCAM Family: NCAM2, a Key Cytoskeleton Organization Molecule Regulating Multiple Neural Functions. **2021**, 22,		2
113	Parental consanguinity among patients with schizophrenia in a rural community of South India: A clinical and genetic investigation. **2021**, 64, 102814		1
112	Genetics of Autism Spectrum Disorder: Searching for the Rare to Explain the Common. **2022**, 299-306		
111	Encyclopedia of Autism Spectrum Disorders. **2021**, 3888-3889		
110	Genetics. 303-316		2
109	Intellectual Developmental Disability Syndromes and Organic Chemicals. 421-447		1
108	Dysregulation of Neurogenic Calcium Signaling and Autism. **2014**, 1285-1312		3
107	The molecular basis of experience-dependent motor system development. **2013**, 782, 23-38		1
106	The Controversy That Will Not Go Away: Vaccines and Autism. **2013**, 181-211		1
105	New insights into the roles of the contactin cell adhesion molecules in neural development. **2014**, 8, 165-94		29
104	Dietary Approaches to the Management of Autism Spectrum Disorders. **2020**, 24, 547-571		11

103	New Horizons for Molecular Genetics Diagnostic and Research in Autism Spectrum Disorder. **2020**, 24, 43-81	3
102	Genomics of Autism. **2020**, 24, 83-96	0
101	Neuropsychopathology of Autism Spectrum Disorder: Complex Interplay of Genetic, Epigenetic, and Environmental Factors. **2020**, 24, 97-141	25
100	Epigenetics at the Interface of Genetics and Environmental Factors in Autism. **2013**, 97-114	2
99	The genetic basis of bipolar disorder. **2009**, 59-76	2
98	The Nonclustered Protocadherins. **2016**, 223-249	2
97	Whole-Genome Association Analysis of Treatment Response from Obsessive-Compulsive Disorder. **2018**, 45-57	1
96	Clinical Neurogenetics. **2012**, 704-734	3
95	Pervasive Developmental Disorders and Childhood Psychosis. **2011**, 100-107.e1	4
94	SCAMP5 plays a critical role in axonal trafficking and synaptic localization of NHE6 to adjust quantal size at glutamatergic synapses. **2021**, 118,	3
93	The Na+(K+)/H+ exchanger Nhx1 controls multivesicular body-vacuolar lysosome fusion.	2
92	Regulation of Neural Circuit Development by Cadherin-11 Provides Implications for Autism.	1
91	Deep multitask learning of gene risk for comorbid neurodevelopmental disorders.	3
90	Both rare and common genetic variants contribute to autism in the Faroe Islands.	1
89	Autism. **2009**, 343-387	3
88	Neurexin in embryonic Drosophila neuromuscular junctions. **2010**, 5, e11115	34
87	Characterization of the deleted in autism 1 protein family: implications for studying cognitive disorders. **2011**, 6, e14547	23
86	Neurexin-1 and frontal lobe white matter: an overlapping intermediate phenotype for schizophrenia and autism spectrum disorders. **2011**, 6, e20982	53

85	Identification of rare recurrent copy number variants in high-risk autism families and their prevalence in a large ASD population. **2013**, 8, e52239		47
84	A multi-platform draft de novo genome assembly and comparative analysis for the Scarlet Macaw (Ara macao). **2013**, 8, e62415		39
83	Comparative Genome of GK and Wistar Rats Reveals Genetic Basis of Type 2 Diabetes. **2015**, 10, e0141859		11
82	Protocadherin (PCDHA) as a novel susceptibility gene for autism. **2013**, 38, 192-8		43
81	Multiplane Calcium Imaging Reveals Disrupted Development of Network Topology in Zebrafish Mutants. **2019**, 6,		8
80	Association of genes with phenotype in autism spectrum disorder. **2019**, 11, 10742-10770		13
79	MEF2 transcription factors: developmental regulators and emerging cancer genes. **2016**, 7, 2297-312		82
78	Functional analysis of Na/H exchanger 9 variants identified in patients with autism and epilepsy. **2017**, 2017,		5
77	Multiple rare variants in the etiology of autism spectrum disorders. *Dialogues in Clinical Neuroscience*, **2009**, 11, 35-43	5.7	89
76	Autism risk factors: genes, environment, and gene-environment interactions. *Dialogues in Clinical Neuroscience*, **2012**, 14, 281-92	5.7	341
75	Translating genetic and preclinical findings into autism therapies. *Dialogues in Clinical Neuroscience*, **2017**, 19, 335-343	5.7	3
74	The Gut-Brain Axis in Autism Spectrum Disorder: A Focus on the Metalloproteases ADAM10 and ADAM17. **2020**, 22,		7
73	How can early, intensive training help a genetic disorder?. **2009**, 38, 167-70, 172		10
72	Contactins in the central nervous system: role in health and disease. **2019**, 14, 206-216		23
71	Tuning of delta-protocadherin adhesion through combinatorial diversity. **2018**, 7,		11
70	Phosphoproteomic insights into processes influenced by the kinase-like protein DIA1/C3orf58. **2018**, 6, e4599		5
69	Cell Adhesion Molecules in Synaptopathies. **2009**, 141-158		
68	Molecular Genetics of Autism.		

67	Mitochondrial Component of Calcium Signaling Abnormality in Autism. **2009**, 207-224		1
66	Learning disability. **2010**, 541-594		
65	An Emerging Gene Environment Interaction Model: Autism Spectrum Disorder Phenotypes Resulting from Exposure to Environmental Contaminants during Gestation. 543-562		
64	The E3 Ubiquitin Ligase Ube3A Regulates Synaptic Function Through the Ubiquitination of Arc. **2011**, 41-56		
63	Intelligenzminderungen im Erwachsenenalter. **2011**, 2305-2324		
62	No correlation between X chromosome inactivation pattern and autistic spectrum disorders in an Italian cohort of patients. **2011**, 01, 34-37		
61	[Genetic analyses for identifying molecular mechanisms in autism spectrum disorders]. *Zeitschrift F Kinder- Und Jugendpsychiatrie Und Psychotherapie*, **2011**, 39, 101-11	1.8	0
60	Epilepsy and Neurodevelopmental Disorders. **2012**, 767-773		
59	The Future of Human Nature: Implications for Research, Policy, and Ethics. **2012**, 455-468		
58	Related Disorders. *Autism and Child Psychopathology Series*, **2014**, 39-63	0.2	
57	Autism and Dia1 Family: Cellular Secretory Pathway. **2014**, 1433-1456		
56	Diseases with Long-Term Consequences in Search of a Microbial Agent. 459-475		
55	The Mutational Spectrum of Neurodevelopmental Disorders. 49-68		
54	Synaptic Disorders. 195-238		
53	The Genetic Basis of Bipolar Disorder. *Milestones in Drug Therapy*, **2016**, 73-92		
52	Encyclopedia of Signaling Molecules. **2016**, 1-7		
51	Genetic Basis of Autism Spectrum Disorder. *MOJ Cell Science & Report*, **2017**, 4,		
50	Abnormal cell sorting underlies the unique X-linked inheritance of PCDH19 Epilepsy.		

49	Encyclopedia of Signaling Molecules. **2018**, 5034-5040		
48	Investigating Factors Associated with Vaccine Hesitancy in Makkah, KSA. *World Journal of Vaccines*, **2019**, 09, 37-48	0.4	2
47	Anxiety Disorders in the Autism Spectrum: Update and Multi-Case Control Study on Clinical Phenotypes. **2019**, 131-155		1
46	Genomic Architecture of ASD. **2019**, 23-34		
45	Multi-hit autism genomic architecture evidenced from consanguineous families with involvement of FEZF2 and mutations in high-risk genes.		
44	MEF2C hypofunction in neuronal and neuroimmune populations cooperate to produce MEF2C haploinsufficiency syndrome-like behaviors in mice.		0
43	Age- and Sex-Specific Fear Conditioning Deficits in Mice Lacking Pcdh10, an Autism Associated Gene.		
42	Proximity-dependent proteomics reveals extensive interactions of Protocadherin-19 with regulators of Rho GTPases and the microtubule cytoskeleton.		0
41	Identification of primary copy number variations reveal enrichment of Calcium, and MAPK pathways sensitizing secondary sites for autism. *Egyptian Journal of Medical Human Genetics*, **2020**, 21,	2	
40	Aided Augmentative and Alternative Communication (AAC) Systems for Individuals With Autism Spectrum Disorders. *Advances in Medical Diagnosis, Treatment, and Care*, **2020**, 87-106	0.2	
39	Genome-wide molecular effects of the neuropsychiatric 16p11 CNVs in an iPSC-to-iN neuronal model.		1
38	Brainwaves Analysis Using Spectral Entropy in Children with Autism Spectrum Disorders (ASD). *Journal of Physics: Conference Series*, **2020**, 1505, 012070	0.3	1
37	protocadherins control neural progenitor cell proliferation by antagonizing Ryk and Wnt/catenin signaling.		
36	Loss of ASH1L in developing brains causes autistic-like behaviors in a mouse model.		
35	Aberrant gliogenesis and excitation in MEF2C autism patient hiPSC-neurons and cerebral organoids.		0
34	Genetics in autism diagnosis: adding molecular subtypes to neurobehavioral diagnoses. *Medicine and Health, Rhode Island*, **2011**, 94, 124-6		6
33	Single gene disorders come into focus--again. *Dialogues in Clinical Neuroscience*, **2010**, 12, 95-102	5.7	9
32	The power and promise of identifying autism early: insights from the search for clinical and biological markers. *Annals of Clinical Psychiatry*, **2009**, 21, 132-47	1.4	22

31	[Research advances in candidate genes for autism spectrum disorder]. *Chinese Journal of Contemporary Pediatrics*, **2016**, 18, 282-7	0.8	
30	SLC gene mutations and pediatric neurological disorders: diverse clinical phenotypes in a Saudi Arabian population. *Human Genetics*, **2021**, 1	6.3	1
29	Down-regulation of the brain-specific cell-adhesion molecule contactin-3 in tuberous sclerosis complex during the early postnatal period.. *Journal of Neurodevelopmental Disorders*, **2022**, 14, 8	4.6	0
28	Nests of dividing neuroblasts sustain interneuron production for the developing human brain.. *Science*, **2022**, 375, eabk2346	33.3	1
27	Physiological Perspectives on Molecular Mechanisms and Regulation of Vesicular Glutamate Transport: Lessons From Calyx of Held Synapses.. *Frontiers in Cellular Neuroscience*, **2021**, 15, 811892	6.1	0
26	Principal Molecular Pathways Affected in Autism Spectrum Disorder. **2022**, 1-47		
25	Analysis of recent shared ancestry in a familial cohort identifies coding and noncoding autism spectrum disorder variants.. *Npj Genomic Medicine*, **2022**, 7, 13	6.2	0
24	Autism spectrum disorder trios from consanguineous populations are enriched for rare biallelic variants, identifying 32 new candidate genes.		0
23	An oligogenic risk-model for Gilles de la Tourette syndrome based on whole-genome sequencing data.		
22	Genomics, convergent neuroscience and progress in understanding autism spectrum disorder.. *Nature Reviews Neuroscience*, **2022**,	13.5	6
21	Data_Sheet_1.PDF. **2018**,		
20	Identification of Chromosomal Regions Linked to Autism-Spectrum Disorders: A Meta-Analysis of Genome-Wide Linkage Scans.. *Genetic Testing and Molecular Biomarkers*, **2022**, 26, 59-69	1.6	0
19	ASD/OCD-linked Protocadherin-10 regulates synapse, but not axon, development in the amygdala and contributes to fear- and anxiety-related behaviors.. *Journal of Neuroscience*, **2022**,	6.6	0
18	Single gene disorders come into focus - again. *Dialogues in Clinical Neuroscience*, **2010**, 12, 95-102	5.7	7
17	Roles of Endomembrane Alkali Cation/Proton Exchangers in Synaptic Function and Neurodevelopmental Disorders.. *Frontiers in Physiology*, **2022**, 13, 892196	4.6	0
16	Loss of neurexin-1 in Drosophila melanogaster results in altered energy metabolism and increased seizure susceptibility. *Human Molecular Genetics*,	5.6	
15	Diverse functions associate with non-coding polymorphisms shared between humans and chimpanzees. *Bmc Ecology and Evolution*, **2022**, 22,	21	
14	Dr DS Raju oration award-andhra pradesh psychiatry conference 2021-2022. *Archives of Mental Health*, **2022**,	0.2	

13	Understanding Protein Protocadherin-19 (PCDH19) Syndrome: A Literature Review of the Pathophysiology. *Cureus*, **2022**,	1.2	0
12	The sodium proton exchanger NHE9 regulates phagosome maturation and bactericidal activity in macrophages. *Journal of Biological Chemistry*, **2022**, 102150	5.4	
11	Prkn knockout mice show autistic-like behaviors and aberrant synapse formation. *IScience*, **2022**, 25, 104573	5.7	0
10	A cross-talk between nitric oxide and the glutamatergic system in a Shank3 mouse model of autism. *Free Radical Biology and Medicine*, **2022**, 188, 83-91	7.8	0
9	How Does Our Knowledge on the Na+/H+ Exchanger NHE1 Obtained by Biochemical and Molecular Analyses Keep up With Its Recent Structure Determination?. *Frontiers in Physiology*, 13,	4.6	
8	Neuronal density in the brain cortex and hippocampus in Clsnt2-KO mouse strain modeling autistic spectrum disorder. *Vavilovskii Zhurnal Genetiki I Selektsii*, **2022**, 26, 365-370	0.9	
7	Determinants, Maintenance and Function of Organellar pH.		1
6	Implications of cell adhesion molecules in autism spectrum disorder pathogenesis. **2022**, 0		0
5	Oxytocin: A Multi-Functional Biomolecule with Potential Actions in Dysfunctional Conditions; From Animal Studies and Beyond. **2022**, 12, 1603		1
4	Alterations of presynaptic proteins in autism spectrum disorder. 15,		0
3	Impaired migration and premature differentiation underlie the neurological phenotype associated with PCDH12 loss of function.		0
2	Recent Updates on Corticosteroid-Induced Neuropsychiatric Disorders and Theranostic Advancements through Gene Editing Tools. **2023**, 13, 337		0
1	The role of Pcdh10 in neurological disease and cancer.		0