

Manuel F Casanova

List of Publications by Year in Descending Order

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Version: 2024-04-19

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

182
papers

8,218
citations

48
h-index

86
g-index

192
ext. papers

9,125
ext. citations

4.5
avg, IF

5.99
L-index

#	Paper	IF	Citations
182	The Role of Structure MRI in Diagnosing Autism.. <i>Diagnostics</i> , 2022 , 12,	3.8	3
181	Hispano-American Brain Bank on Neurodevelopmental Disorders: An initiative to promote brain banking, research, education, and outreach in the field of neurodevelopmental disorders. <i>Brain Pathology</i> , 2021 , e13019	6	
180	The Relationship between Autism and Ehlers-Danlos Syndromes/Hypermobility Spectrum Disorders. <i>Journal of Personalized Medicine</i> , 2020 , 10,	3.6	14
179	Autism risk genes are evolutionarily ancient and maintain a unique feature landscape that echoes their function. <i>Autism Research</i> , 2019 , 12, 860-869	5.1	4
178	The Potential of Repetitive Transcranial Magnetic Stimulation for Autism Spectrum Disorder: A Consensus Statement. <i>Biological Psychiatry</i> , 2019 , 85, e21-e22	7.9	14
177	The modular organization of the cerebral cortex: Evolutionary significance and possible links to neurodevelopmental conditions. <i>Journal of Comparative Neurology</i> , 2019 , 527, 1720-1730	3.4	12
176	Transcranial Direct Current Stimulation (tDCS) Can Modulate EEG Complexity of Children With Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2018 , 12, 201	5.1	18
175	Exploratory Study of rTMS Neuromodulation Effects on Electrocortical Functional Measures of Performance in an Oddball Test and Behavioral Symptoms in Autism. <i>Frontiers in Systems Neuroscience</i> , 2018 , 12, 20	3.5	12
174	A Cohort Study Comparing Women with Autism Spectrum Disorder with and without Generalized Joint Hypermobility. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2018 , 8,	2.3	9
173	Widespread Genotype-Phenotype Correlations in Intellectual Disability. <i>Frontiers in Psychiatry</i> , 2018 , 9, 535	5	12
172	A Novel Early Diagnosis System for Mild Cognitive Impairment Based on Local Region Analysis: A Pilot Study. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 643	3.3	6
171	Systems Theory, Emergent Properties, and the Organization of the Central Nervous System. <i>Springer Series in Cognitive and Neural Systems</i> , 2017 , 55-68	0.3	
170	Mind the Reward: Nutrition vs. Addiction. <i>Springer Series in Cognitive and Neural Systems</i> , 2017 , 469-489	0.3	
169	Disrupted Brain Network in Children with Autism Spectrum Disorder. <i>Scientific Reports</i> , 2017 , 7, 16253	4.9	33
168	Symmetry Breaking in Cognitive Disorders. <i>Springer Series in Cognitive and Neural Systems</i> , 2017 , 175-191	0.3	
167	A NOVEL CAD SYSTEM FOR LOCAL AND GLOBAL EARLY DIAGNOSIS OF ALZHEIMERS DISEASE BASED ON PIB-PET SCANS 2017 ,		9
166	2017 ,		7

165	Atypical Processing of Novel Distracters in a Visual Oddball Task in Autism Spectrum Disorder. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2017 , 7,	2.3	6
164	Neuromodulation Based on rTMS Affects Behavioral Measures and Autonomic Nervous System Activity in Children with Autism. <i>NeuroRegulation</i> , 2017 , 4, 65-78	1.3	7
163	Prefrontal Cortical Microcircuits Support the Emergence of Mind. <i>Springer Series in Cognitive and Neural Systems</i> , 2017 , 69-94	0.3	1
162	Symmetry and Noether Theorem for Brain Microcircuits. <i>Springer Series in Cognitive and Neural Systems</i> , 2017 , 129-153	0.3	0
161	Heart Rate Variability and Skin Conductance During Repetitive TMS Course in Children with Autism. <i>Applied Psychophysiology Biofeedback</i> , 2016 , 41, 47-60	3.4	41
160	Up-Regulation of Oligodendrocyte Lineage Markers in the Cerebellum of Autistic Patients: Evidence From Network Analysis of Gene Expression. <i>Molecular Neurobiology</i> , 2016 , 53, 4019-4025	6.2	17
159	Interoception in Autism Spectrum Disorder: A review. <i>International Journal of Developmental Neuroscience</i> , 2016 , 52, 104-11	2.7	62
158	Transcranial magnetic stimulation in autism spectrum disorder: Challenges, promise, and roadmap for future research. <i>Autism Research</i> , 2016 , 9, 184-203	5.1	42
157	Review: Cortical construction in autism spectrum disorder: columns, connectivity and the subplate. <i>Neuropathology and Applied Neurobiology</i> , 2016 , 42, 115-34	5.2	64
156	Infant Brain Extraction in T1-Weighted MR Images Using BET and Refinement Using LCDG and MGRF Models. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016 , 20, 925-935	7.2	29
155	Behavioral, Cognitive, and Motor Preparation Deficits in a Visual Cued Spatial Attention Task in Autism Spectrum Disorder. <i>Applied Psychophysiology Biofeedback</i> , 2016 , 41, 81-92	3.4	12
154	Neuropathological Mechanisms of Seizures in Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2016 , 10, 192	5.1	43
153	Genes with high penetrance for syndromic and non-syndromic autism typically function within the nucleus and regulate gene expression. <i>Molecular Autism</i> , 2016 , 7, 18	6.5	21
152	Electrophysiological and Behavioral Outcomes of Berard Auditory Integration Training (AIT) in Children with Autism Spectrum Disorder. <i>Applied Psychophysiology Biofeedback</i> , 2016 , 41, 405-420	3.4	16
151	Significant neuronal soma volume deficit in the limbic system in subjects with 15q11.2-q13 duplications. <i>Acta Neuropathologica Communications</i> , 2015 , 3, 63	7.3	6
150	Neuroscience of Autism 2015 , 382-397		
149	Autism spectrum disorders: linking neuropathological findings to treatment with transcranial magnetic stimulation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015 , 104, 346-55	3.1	31
148	Ultrasound and Autism: How Disrupted Redox Homeostasis and Transient Membrane Porosity Confer Risk. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2015 , 373-392		

147	Relative Power of Specific EEG Bands and Their Ratios during Neurofeedback Training in Children with Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 723	3.3	32
146	Prefrontal cortical minicolumn: from executive control to disrupted cognitive processing. <i>Brain</i> , 2014 , 137, 1863-75	11.2	88
145	Neuromodulation integrating rTMS and neurofeedback for the treatment of autism spectrum disorder: an exploratory study. <i>Applied Psychophysiology Biofeedback</i> , 2014 , 39, 237-57	3.4	60
144	Proteomic analysis of rat prefrontal cortex after chronic valproate treatment. <i>Journal of Neuroscience Research</i> , 2014 , 92, 927-36	4.4	3
143	Shape analysis of the human brain: a brief survey. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014 , 18, 1337-54	7.2	10
142	Cortical surface complexity in a population-based normative sample. <i>Translational Neuroscience</i> , 2014 , 5,	1.2	13
141	Autism as a sequence: from heterochronic germinal cell divisions to abnormalities of cell migration and cortical dysplasias. <i>Medical Hypotheses</i> , 2014 , 83, 32-8	3.8	31
140	Transcranial Magnetic Stimulation: Application in Autism Treatment 2014 , 583-605		2
139	Transcranial magnetic stimulation (TMS) therapy for autism: an international consensus conference held in conjunction with the international meeting for autism research on May 13th and 14th, 2014. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 1034	3.3	6
138	Genetics studies indicate that neural induction and early neuronal maturation are disturbed in autism. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 397	6.1	35
137	rTMS neuromodulation improves electrocortical functional measures of information processing and behavioral responses in autism. <i>Frontiers in Systems Neuroscience</i> , 2014 , 8, 134	3.5	57
136	A statistical framework for the classification of infant DT images 2014 ,		1
135	Magnetic resonance imaging findings for dyslexia: a review. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 2778-805	4	23
134	Transposable elements occur more frequently in autism-risk genes: Implications for the role of genomic instability in autism. <i>Translational Neuroscience</i> , 2013 , 4,	1.2	4
133	Reassessment of teratogenic risk from antenatal ultrasound. <i>Translational Neuroscience</i> , 2013 , 4,	1.2	1
132	Focal cortical dysplasias in autism spectrum disorders. <i>Acta Neuropathologica Communications</i> , 2013 , 1, 67	7.3	86
131	Canonical circuits of the cerebral cortex as enablers of neuroprosthetics. <i>Frontiers in Systems Neuroscience</i> , 2013 , 7, 77	3.5	5
130	Spherical harmonic analysis of cortical complexity in autism and dyslexia. <i>Translational Neuroscience</i> , 2012 , 3, 36-40	1.2	16

129	Repetitive Transcranial Magnetic Stimulation (rTMS) Modulates Event-Related Potential (ERP) Indices of Attention in Autism. <i>Translational Neuroscience</i> , 2012 , 3, 170-180	1.2	62
128	Dyslexia diagnostics by 3-D shape analysis of the corpus callosum. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2012 , 16, 700-8		16
127	Prefrontal neuromodulation using rTMS improves error monitoring and correction function in autism. <i>Applied Psychophysiology Biofeedback</i> , 2012 , 37, 91-102	3.4	74
126	Social, communication, and cortical structural impairments in Epac2-deficient mice. <i>Journal of Neuroscience</i> , 2012 , 32, 11864-78	6.6	56
125	New Approach for Classification of Autistic vs. Typically Developing Brain Using White Matter Volumes 2012 ,		2
124	Autism Diagnostics by 3D Shape Analysis of the Corpus Callosum. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2012 , 315-335	0.4	4
123	Laws of conservation as related to brain growth, aging, and evolution: symmetry of the minicolumn. <i>Frontiers in Neuroanatomy</i> , 2011 , 5, 66	3.6	22
122	Above genetics: lessons from cerebral development in autism. <i>Translational Neuroscience</i> , 2011 , 2, 106-120		27
121	Gyral window mapping of typical cortical folding using MRI. <i>Translational Neuroscience</i> , 2011 , 2, 142-147	1.2	1
120	Accurate automated detection of autism related corpus callosum abnormalities. <i>Journal of Medical Systems</i> , 2011 , 35, 929-39	5.1	31
119	Clinicopathological correlates of behavioral and psychological symptoms of dementia. <i>Acta Neuropathologica</i> , 2011 , 122, 117-35	14.3	58
118	Quantitative analysis of the shape of the corpus callosum in patients with autism and comparison individuals. <i>Autism</i> , 2011 , 15, 223-38	6.6	39
117	Shape-Based Detection of Cortex Variability for More Accurate Discrimination Between Autistic and Normal Brains 2011 , 161-185		3
116	Plausible mechanisms for brain structural and size changes in human evolution. <i>Collegium Antropologicum</i> , 2011 , 35, 949-55	0.1	4
115	A topographic study of minicolumnar core width by lamina comparison between autistic subjects and controls: possible minicolumnar disruption due to an anatomical element in-common to multiple laminae. <i>Brain Pathology</i> , 2010 , 20, 451-8	6	71
114	2010 ,		6
113	Shape modeling of the corpus callosum. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2010 , 2010, 4288-91	0.9	4
112	2010 ,		13

111	Autism and dyslexia: a spectrum of cognitive styles as defined by minicolumnar morphometry. <i>Medical Hypotheses</i> , 2010 , 74, 59-62	3.8	29
110	Cortical organization: a description and interpretation of anatomical findings based on systems theory. <i>Translational Neuroscience</i> , 2010 , 1, 62-71	1.2	15
109	Dolphin insula reflects minicolumnar organization of mammalian isocortex. <i>Translational Neuroscience</i> , 2010 , 1, 37-42	1.2	3
108	Corpus Callosum Shape Analysis with Application to Dyslexia. <i>Translational Neuroscience</i> , 2010 , 1, 124-130	2	12
107	Early-stage visual processing abnormalities in high-functioning autism spectrum disorder (ASD). <i>Translational Neuroscience</i> , 2010 , 1, 177-187	1.2	35
106	Low-frequency repetitive transcranial magnetic stimulation (rTMS) affects event-related potential measures of novelty processing in autism. <i>Applied Psychophysiology Biofeedback</i> , 2010 , 35, 147-61	3.4	65
105	The pathology of paraphrenia. <i>Current Psychiatry Reports</i> , 2010 , 12, 196-201	9.1	8
104	The role of the entorhinal cortex in paraphrenia. <i>Current Psychiatry Reports</i> , 2010 , 12, 202-7	9.1	3
103	Increased white matter gyral depth in dyslexia: implications for corticocortical connectivity. <i>Journal of Autism and Developmental Disorders</i> , 2010 , 40, 21-9	4.6	19
102	Surface Modeling of the Corpus Callosum from MRI Scans. <i>Lecture Notes in Computer Science</i> , 2010 , 9-18	0.9	
101	Identification of myo-inositol-3-phosphate synthase isoforms: characterization, expression, and putative role of a 16-kDa gamma(c) isoform. <i>Journal of Biological Chemistry</i> , 2009 , 284, 9443-57	5.4	31
100	Radial cytoarchitecture and patterns of cortical connectivity in autism. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 1433-6	5.8	83
99	Event-related potential study of novelty processing abnormalities in autism. <i>Applied Psychophysiology Biofeedback</i> , 2009 , 34, 37-51	3.4	58
98	Effects of low frequency repetitive transcranial magnetic stimulation (rTMS) on gamma frequency oscillations and event-related potentials during processing of illusory figures in autism. <i>Journal of Autism and Developmental Disorders</i> , 2009 , 39, 619-34	4.6	93
97	Reduced gyral window and corpus callosum size in autism: possible macroscopic correlates of a minicolumnopathy. <i>Journal of Autism and Developmental Disorders</i> , 2009 , 39, 751-64	4.6	61
96	Morphometric variability of minicolumns in the striate cortex of Homo sapiens, Macaca mulatta, and Pan troglodytes. <i>Journal of Anatomy</i> , 2009 , 214, 226-34	2.9	27
95	Minicolumnar width: Comparison between supragranular and infragranular layers. <i>Journal of Neuroscience Methods</i> , 2009 , 184, 19-24	3	13
94	The minicolumnopathy of autism: A link between migraine and gastrointestinal symptoms. <i>Medical Hypotheses</i> , 2008 , 70, 73-80	3.8	19

93	Neuronal distribution in the neocortex of schizophrenic patients. <i>Psychiatry Research</i> , 2008 , 158, 267-77	9.9	32
92	Encephalization, emergent properties, and psychiatry: a minicolumnar perspective. <i>Neuroscientist</i> , 2008 , 14, 101-18	7.6	49
91	Auditory cortex asymmetry, altered minicolumn spacing and absence of ageing effects in schizophrenia. <i>Brain</i> , 2008 , 131, 3178-92	11.2	95
90	2008 ,		1
89	Recursive trace line method for detecting myelinated bundles: a comparison study with pyramidal cell arrays. <i>Journal of Neuroscience Methods</i> , 2008 , 168, 367-72	3	12
88	The Significance of Minicolumnar Size Variability in Autism 2008 , 349-360		11
87	The neuropathology of autism. <i>Brain Pathology</i> , 2007 , 17, 422-33	6	138
86	Neuroinflammatory response of the choroid plexus epithelium in fatal diabetic ketoacidosis. <i>Experimental and Molecular Pathology</i> , 2007 , 83, 65-72	4.4	33
85	A temporal continuity to the vertical organization of the human neocortex. <i>Cerebral Cortex</i> , 2007 , 17, 130-7	5.1	26
84	Autism diagnostics by 3D texture analysis of cerebral white matter gyrifications 2007 , 10, 882-90		11
83	Frequency-Domain Analysis of the Human Brain for Studies of Autism 2007 ,		1
82	A comparison study of the vertical bias of pyramidal cells in the hippocampus and neocortex. <i>Developmental Neuroscience</i> , 2007 , 29, 193-200	2.2	5
81	CLASSIFICATION TECHNIQUES FOR AUTISTIC VS. TYPICALLY DEVELOPING BRAIN USING MRI DATA 2007 ,		6
80	Schizophrenia seen as a deficit in the modulation of cortical minicolumns by monoaminergic systems. <i>International Review of Psychiatry</i> , 2007 , 19, 361-72	3.6	14
79	A NEW IMAGE ANALYSIS APPROACH FOR AUTOMATIC CLASSIFICATION OF AUTISTIC BRAINS 2007 ,		12
78	Comparative minicolumnar morphometry of three distinguished scientists. <i>Autism</i> , 2007 , 11, 557-69	6.6	34
77	Volumetric Mri Analysis Of Dyslexic Subjects Using A Level Set Framework 2007 , 461-492		
76	Robust Neuroimaging-Based Classification Techniques Of Autistic Vs. Typically Developing Brain 2007 , 535-566		2

75	Regulatory mechanisms of cortical laminar development. <i>Brain Research Reviews</i> , 2006 , 51, 72-84		21
74	Neuropathological and genetic findings in autism: the significance of a putative minicolumnopathy. <i>Neuroscientist</i> , 2006 , 12, 435-41	7.6	75
73	The importance of using equimolar DNA for transfection analysis of the 5Sflanking promoter regions of genes. <i>Analytical Biochemistry</i> , 2006 , 349, 306-8	3.1	1
72	Minicolumn thinning in temporal lobe association cortex but not primary auditory cortex in normal human ageing. <i>Acta Neuropathologica</i> , 2006 , 111, 459-64	14.3	46
71	Minicolumnar abnormalities in autism. <i>Acta Neuropathologica</i> , 2006 , 112, 287-303	14.3	365
70	A Framework for Unsupervised Segmentation of Multi-modal Medical Images. <i>Lecture Notes in Computer Science</i> , 2006 , 120-131	0.9	5
69	Mean cell spacing abnormalities in the neocortex of patients with schizophrenia. <i>Psychiatry Research</i> , 2005 , 133, 1-12	9.9	26
68	Magnetic resonance imaging study of brain asymmetries in dyslexic patients. <i>Journal of Child Neurology</i> , 2005 , 20, 842-7	2.5	9
67	Reduced brain size and gyrification in the brains of dyslexic patients. <i>Journal of Child Neurology</i> , 2004 , 19, 275-81	2.5	68
66	Accelerated maturation in brains of patients with Down syndrome. <i>Journal of Intellectual Disability Research</i> , 2004 , 48, 704-5	3.2	7
65	Reduced temporal lobe volume in early onset conduct disorder. <i>Psychiatry Research - Neuroimaging</i> , 2004 , 132, 1-11	2.9	107
64	Intracortical circuitry: one of psychiatry's missing assumptions. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2004 , 254, 148-51	5.1	5
63	White matter volume increase and minicolumns in autism. <i>Annals of Neurology</i> , 2004 , 56, 453; author reply 454	9.4	67
62	Preservation of hippocampal pyramidal cells in paraphrenia. <i>Schizophrenia Research</i> , 2003 , 62, 141-6	3.6	5
61	Modular concepts of brain organization and the neuropathology of psychiatric conditions. <i>Psychiatry Research</i> , 2003 , 118, 101-2	9.9	11
60	Mineralization of the basal ganglia: implications for neuropsychiatry, pathology and neuroimaging. <i>Psychiatry Research</i> , 2003 , 121, 59-87	9.9	55
59	Disruption in the inhibitory architecture of the cell minicolumn: implications for autism. <i>Neuroscientist</i> , 2003 , 9, 496-507	7.6	241
58	Changes in gray-/white-matter ratios in the parahippocampal gyri of late-onset schizophrenia patients. <i>American Journal of Geriatric Psychiatry</i> , 2003 , 11, 605-9	6.5	2

57	Hippocampal pathology in two mentally ill paraphiliacs. <i>Psychiatry Research - Neuroimaging</i> , 2002 , 115, 79-89	2.9	15
56	Minicolumnar pathology in dyslexia. <i>Annals of Neurology</i> , 2002 , 52, 108-10	9.4	56
55	Disentangling the pathology of schizophrenia and paraphrenia. <i>Acta Neuropathologica</i> , 2002 , 103, 313-204.3	24.3	29
54	Asperger's syndrome and cortical neuropathology. <i>Journal of Child Neurology</i> , 2002 , 17, 142-5	2.5	66
53	Neuronal density and architecture (Gray Level Index) in the brains of autistic patients. <i>Journal of Child Neurology</i> , 2002 , 17, 515-21	2.5	96
52	Minicolumnar pathology in autism. <i>Neurology</i> , 2002 , 58, 428-32	6.5	680
51	The minicolumn and evolution of the brain. <i>Brain, Behavior and Evolution</i> , 2002 , 60, 125-51	1.5	88
50	Shape distortion of the hippocampus: a possible explanation of the pyramidal cell disarray reported in schizophrenia. <i>Schizophrenia Research</i> , 2002 , 55, 19-24	3.6	15
49	Clinical and macroscopic correlates of minicolumnar pathology in autism. <i>Journal of Child Neurology</i> , 2002 , 17, 692-5	2.5	142
48	The minicolumn hypothesis in neuroscience. <i>Brain</i> , 2002 , 125, 935-51	11.2	352
47	Senile plaques exert no mass lesion effect on surrounding neurons. <i>Journal of Neuroscience Methods</i> , 2001 , 110, 125-33	3	4
46	Morphological differences between minicolumns in human and nonhuman primate cortex. <i>American Journal of Physical Anthropology</i> , 2001 , 115, 361-71	2.5	61
45	Lateralization of minicolumns in human planum temporale is absent in nonhuman primate cortex. <i>Brain, Behavior and Evolution</i> , 2001 , 57, 349-58	1.5	127
44	The History of Child Pornography on the Internet. <i>Journal of Sex Education and Therapy</i> , 2000 , 25, 245-251		1
43	Quantitative analysis of cell columns in the cerebral cortex. <i>Journal of Neuroscience Methods</i> , 2000 , 97, 7-17	3	66
42	Comparative lateralisation patterns in the language area of human, chimpanzee, and rhesus monkey brains. <i>Laterality</i> , 2000 , 5, 315-330	2	40
41	Reduced interneuronal space in schizophrenia. <i>Biological Psychiatry</i> , 2000 , 47, 681-3	7.9	30
40	The temporelimbic system theory of paranoid schizophrenia. <i>Schizophrenia Bulletin</i> , 1997 , 23, 513-5	1.3	9

39	Ultrastructural alterations of synaptic contacts and astrocytes in postmortem caudate nucleus of schizophrenic patients. <i>Schizophrenia Research</i> , 1996 , 22, 81-3	3.6	50
38	Corpus callosum morphology, as measured with MRI, in dyslexic men. <i>Biological Psychiatry</i> , 1996 , 39, 769-75	7.9	85
37	Wernicke's disease and schizophrenia: a case report and review of the literature. <i>International Journal of Psychiatry in Medicine</i> , 1996 , 26, 319-28	1	11
36	Gulf War Syndrome. <i>The Journal of Chronic Fatigue Syndrome: Multidisciplinary Innovations in Research and Clinical Practice</i> , 1996 , 2, 41-51		
35	Asymmetry of the planum temporale: methodological considerations and clinical associations. <i>Psychiatry Research - Neuroimaging</i> , 1995 , 61, 137-50	2.9	37
34	Age-related changes in [3H]GBR 12935 binding site density in the prefrontal cortex of controls and schizophrenics. <i>Biological Psychiatry</i> , 1995 , 37, 175-82	7.9	25
33	Decreased DOPAC in the anterior cingulate cortex of individuals with schizophrenia. <i>Biological Psychiatry</i> , 1995 , 38, 4-12	7.9	33
32	Polyamines and their metabolizing enzymes in human frontal cortex and hippocampus: preliminary measurements in affective disorders. <i>Biological Psychiatry</i> , 1995 , 38, 227-34	7.9	35
31	Alterations in TRH receptors in temporal lobe of schizophrenics: a quantitative autoradiographic study. <i>Synapse</i> , 1994 , 18, 315-27	2.4	8
30	A topographical study of senile plaques and neurofibrillary tangles in the hippocampi of patients with Alzheimer's disease and cognitively impaired patients with schizophrenia. <i>Psychiatry Research</i> , 1993 , 49, 41-62	9.9	42
29	Biological stability of mRNA isolated from human postmortem brain collections. <i>Biological Psychiatry</i> , 1993 , 33, 456-66	7.9	92
28	The possible association between affective disorder and partially deleted mitochondrial DNA. <i>Biological Psychiatry</i> , 1993 , 33, 141-2	7.9	22
27	Serotonin uptake sites and serotonin receptors are altered in the limbic system of schizophrenics. <i>Neuropsychopharmacology</i> , 1993 , 8, 315-36	8.7	287
26	Normal nucleolar size of entorhinal cortex cells in schizophrenia. <i>Psychiatry Research</i> , 1992 , 44, 79-82	9.9	7
25	Characteristics of [3H]GBR 12935 binding in the human and rat frontal cortex. <i>Journal of Neurochemistry</i> , 1991 , 56, 1663-72	6	28
24	Cortical gyrification in the rhesus monkey: a test of the mechanical folding hypothesis. <i>Cerebral Cortex</i> , 1991 , 1, 426-32	5.1	67
23	Astrocytosis and schizophrenia. <i>Schizophrenia Research</i> , 1991 , 5, 186-7	3.6	3
22	3H-paroxetine binding in brains of alcoholics. <i>Psychiatry Research</i> , 1991 , 38, 293-9	9.9	25

21	Computed tomography measurements of brain density in Schizophrenia. <i>Biological Psychiatry</i> , 1991 , 29, 745-56	7.9	2
20	Selective loss of cerebral cortical sigma, but not PCP binding sites in schizophrenia. <i>Biological Psychiatry</i> , 1991 , 29, 41-54	7.9	135
19	Anatomical abnormalities in the brains of monozygotic twins discordant for schizophrenia. <i>New England Journal of Medicine</i> , 1990 , 322, 789-94	59.2	852
18	Shape distortion of the corpus callosum of monozygotic twins discordant for schizophrenia. <i>Schizophrenia Research</i> , 1990 , 3, 155-6	3.6	14
17	No difference in basal ganglia mineralization between schizophrenic and nonschizophrenic patients: a quantitative computerized tomographic study. <i>Biological Psychiatry</i> , 1990 , 27, 138-42	7.9	12
16	A postmortem quantitative study of iron in the globus pallidus of schizophrenic patients. <i>Biological Psychiatry</i> , 1990 , 27, 143-9	7.9	11
15	Astrocytosis in the molecular layer of the dentate gyrus: a study in Alzheimer's disease and schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 1990 , 35, 149-66	2.9	31
14	The neuropathology of schizophrenia: a critical assessment of research methodologies. <i>Biological Psychiatry</i> , 1990 , 27, 353-62	7.9	21
13	A method for the relative quantification of lipofuscin based on a computer image analysis system. <i>Journal of Neuroscience Methods</i> , 1989 , 30, 11-5	3	3
12	Shape analysis of the middle cranial fossa of schizophrenic patients. A computerized tomographic study. <i>Schizophrenia Research</i> , 1989 , 2, 333-8	3.6	13
11	Monoclonal antibodies to study the brain in schizophrenia. <i>Brain Research</i> , 1989 , 500, 379-83	3.7	20
10	Development of beta 1 and beta 2 adrenergic receptors in baboon brain: an autoradiographic study using [¹²⁵ I]iodocyanopindolol. <i>Journal of Comparative Neurology</i> , 1988 , 273, 318-29	3.4	23
9	The expression of phosphorylated neurofilament epitopes in human brains. <i>Brain Research</i> , 1988 , 475, 328-32	3.7	7
8	Developmental changes of neuropeptides and amino acids in baboon cortex. <i>Developmental Brain Research</i> , 1988 , 44, 156-9		13
7	Is there a neuropathology of schizophrenia?. <i>Biological Psychiatry</i> , 1988 , 24, 123-8	7.9	11
6	Neuropeptidergic systems in plaques of Alzheimer's disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 1987 , 46, 567-84	3.1	69
5	Gliosis in schizophrenia. <i>Biological Psychiatry</i> , 1987 , 22, 1172-5	7.9	10
4	Loss of pedunculopontine neurons in progressive supranuclear palsy. <i>Annals of Neurology</i> , 1987 , 22, 18-25	9.4	164

- 3 Phosphorylated neurofilament antigens in neurofibrillary tangles in Alzheimer's disease. *Journal of Neuropathology and Experimental Neurology*, **1986**, 45, 56-64 3.1 136
- 2 Sequestration of tubulin in neurons in Alzheimer's disease. *Brain Research*, **1986**, 385, 305-10 3.7 51
- 1 Abnormalities of the nucleus basalis in Down's syndrome. *Annals of Neurology*, **1985**, 18, 310-3 9.4 179