

# Manuel F Casanova

## List of Publications by Citations

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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	Anatomical abnormalities in the brains of monozygotic twins discordant for schizophrenia. <i>New England Journal of Medicine</i> , <b>1990</b> , 322, 789-94	59.2	852
181	Minicolumnar pathology in autism. <i>Neurology</i> , <b>2002</b> , 58, 428-32	6.5	680
180	Minicolumnar abnormalities in autism. <i>Acta Neuropathologica</i> , <b>2006</b> , 112, 287-303	14.3	365
179	The minicolumn hypothesis in neuroscience. <i>Brain</i> , <b>2002</b> , 125, 935-51	11.2	352
178	Serotonin uptake sites and serotonin receptors are altered in the limbic system of schizophrenics. <i>Neuropsychopharmacology</i> , <b>1993</b> , 8, 315-36	8.7	287
177	Disruption in the inhibitory architecture of the cell minicolumn: implications for autism. <i>Neuroscientist</i> , <b>2003</b> , 9, 496-507	7.6	241
176	Abnormalities of the nucleus basalis in Down's syndrome. <i>Annals of Neurology</i> , <b>1985</b> , 18, 310-3	9.4	179
175	Loss of pedunculopontine neurons in progressive supranuclear palsy. <i>Annals of Neurology</i> , <b>1987</b> , 22, 18-25	15.4	164
174	Clinical and macroscopic correlates of minicolumnar pathology in autism. <i>Journal of Child Neurology</i> , <b>2002</b> , 17, 692-5	2.5	142
173	The neuropathology of autism. <i>Brain Pathology</i> , <b>2007</b> , 17, 422-33	6	138
172	Phosphorylated neurofilament antigens in neurofibrillary tangles in Alzheimer's disease. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1986</b> , 45, 56-64	3.1	136
171	Selective loss of cerebral cortical sigma, but not PCP binding sites in schizophrenia. <i>Biological Psychiatry</i> , <b>1991</b> , 29, 41-54	7.9	135
170	Lateralization of minicolumns in human planum temporale is absent in nonhuman primate cortex. <i>Brain, Behavior and Evolution</i> , <b>2001</b> , 57, 349-58	1.5	127
169	Reduced temporal lobe volume in early onset conduct disorder. <i>Psychiatry Research - Neuroimaging</i> , <b>2004</b> , 132, 1-11	2.9	107
168	Neuronal density and architecture (Gray Level Index) in the brains of autistic patients. <i>Journal of Child Neurology</i> , <b>2002</b> , 17, 515-21	2.5	96
167	Auditory cortex asymmetry, altered minicolumn spacing and absence of ageing effects in schizophrenia. <i>Brain</i> , <b>2008</b> , 131, 3178-92	11.2	95
166	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> , <b>2009</b> , 39, 619-34	4.6	93

165	Biological stability of mRNA isolated from human postmortem brain collections. <i>Biological Psychiatry</i> , <b>1993</b> , 33, 456-66	7.9	92
164	Prefrontal cortical minicolumn: from executive control to disrupted cognitive processing. <i>Brain</i> , <b>2014</b> , 137, 1863-75	11.2	88
163	The minicolumn and evolution of the brain. <i>Brain, Behavior and Evolution</i> , <b>2002</b> , 60, 125-51	1.5	88
162	Focal cortical dysplasias in autism spectrum disorders. <i>Acta Neuropathologica Communications</i> , <b>2013</b> , 1, 67	7.3	86
161	Corpus callosum morphology, as measured with MRI, in dyslexic men. <i>Biological Psychiatry</i> , <b>1996</b> , 39, 769-75	7.9	85
160	Radial cytoarchitecture and patterns of cortical connectivity in autism. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2009</b> , 364, 1433-6	5.8	83
159	Neuropathological and genetic findings in autism: the significance of a putative minicolumnopathy. <i>Neuroscientist</i> , <b>2006</b> , 12, 435-41	7.6	75
158	Prefrontal neuromodulation using rTMS improves error monitoring and correction function in autism. <i>Applied Psychophysiology Biofeedback</i> , <b>2012</b> , 37, 91-102	3.4	74
157	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> , <b>2010</b> , 20, 451-8	6	71
156	Neuropeptidergic systems in plaques of Alzheimer's disease. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1987</b> , 46, 567-84	3.1	69
155	Reduced brain size and gyrification in the brains of dyslexic patients. <i>Journal of Child Neurology</i> , <b>2004</b> , 19, 275-81	2.5	68
154	White matter volume increase and minicolumns in autism. <i>Annals of Neurology</i> , <b>2004</b> , 56, 453; author reply 454	9.4	67
153	Cortical gyrification in the rhesus monkey: a test of the mechanical folding hypothesis. <i>Cerebral Cortex</i> , <b>1991</b> , 1, 426-32	5.1	67
152	Asperger's syndrome and cortical neuropathology. <i>Journal of Child Neurology</i> , <b>2002</b> , 17, 142-5	2.5	66
151	Quantitative analysis of cell columns in the cerebral cortex. <i>Journal of Neuroscience Methods</i> , <b>2000</b> , 97, 7-17	3	66
150	Low-frequency repetitive transcranial magnetic stimulation (rTMS) affects event-related potential measures of novelty processing in autism. <i>Applied Psychophysiology Biofeedback</i> , <b>2010</b> , 35, 147-61	3.4	65
149	Review: Cortical construction in autism spectrum disorder: columns, connectivity and the subplate. <i>Neuropathology and Applied Neurobiology</i> , <b>2016</b> , 42, 115-34	5.2	64
148	Interoception in Autism Spectrum Disorder: A review. <i>International Journal of Developmental Neuroscience</i> , <b>2016</b> , 52, 104-11	2.7	62

147	Repetitive Transcranial Magnetic Stimulation (rTMS) Modulates Event-Related Potential (ERP) Indices of Attention in Autism. <i>Translational Neuroscience</i> , <b>2012</b> , 3, 170-180	1.2	62
146	Reduced gyral width and corpus callosum size in autism: possible macroscopic correlates of a minicolumnopathy. <i>Journal of Autism and Developmental Disorders</i> , <b>2009</b> , 39, 751-64	4.6	61
145	Morphological differences between minicolumns in human and nonhuman primate cortex. <i>American Journal of Physical Anthropology</i> , <b>2001</b> , 115, 361-71	2.5	61
144	Neuromodulation integrating rTMS and neurofeedback for the treatment of autism spectrum disorder: an exploratory study. <i>Applied Psychophysiology Biofeedback</i> , <b>2014</b> , 39, 237-57	3.4	60
143	Clinicopathological correlates of behavioral and psychological symptoms of dementia. <i>Acta Neuropathologica</i> , <b>2011</b> , 122, 117-35	14.3	58
142	Event-related potential study of novelty processing abnormalities in autism. <i>Applied Psychophysiology Biofeedback</i> , <b>2009</b> , 34, 37-51	3.4	58
141	rTMS neuromodulation improves electrocortical functional measures of information processing and behavioral responses in autism. <i>Frontiers in Systems Neuroscience</i> , <b>2014</b> , 8, 134	3.5	57
140	Social, communication, and cortical structural impairments in Epac2-deficient mice. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 11864-78	6.6	56
139	Minicolumnar pathology in dyslexia. <i>Annals of Neurology</i> , <b>2002</b> , 52, 108-10	9.4	56
138	Mineralization of the basal ganglia: implications for neuropsychiatry, pathology and neuroimaging. <i>Psychiatry Research</i> , <b>2003</b> , 121, 59-87	9.9	55
137	Sequestration of tubulin in neurons in Alzheimer's disease. <i>Brain Research</i> , <b>1986</b> , 385, 305-10	3.7	51
136	Ultrastructural alterations of synaptic contacts and astrocytes in postmortem caudate nucleus of schizophrenic patients. <i>Schizophrenia Research</i> , <b>1996</b> , 22, 81-3	3.6	50
135	Encephalization, emergent properties, and psychiatry: a minicolumnar perspective. <i>Neuroscientist</i> , <b>2008</b> , 14, 101-18	7.6	49
134	Minicolumn thinning in temporal lobe association cortex but not primary auditory cortex in normal human ageing. <i>Acta Neuropathologica</i> , <b>2006</b> , 111, 459-64	14.3	46
133	Neuropathological Mechanisms of Seizures in Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 192	5.1	43
132	Transcranial magnetic stimulation in autism spectrum disorder: Challenges, promise, and roadmap for future research. <i>Autism Research</i> , <b>2016</b> , 9, 184-203	5.1	42
131	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> , <b>1993</b> , 49, 41-62	9.9	42
130	Heart Rate Variability and Skin Conductance During Repetitive TMS Course in Children with Autism. <i>Applied Psychophysiology Biofeedback</i> , <b>2016</b> , 41, 47-60	3.4	41

129	Comparative lateralisation patterns in the language area of human, chimpanzee, and rhesus monkey brains. <i>Laterality</i> , <b>2000</b> , 5, 315-330	2	40
128	Quantitative analysis of the shape of the corpus callosum in patients with autism and comparison individuals. <i>Autism</i> , <b>2011</b> , 15, 223-38	6.6	39
127	Asymmetry of the planum temporale: methodological considerations and clinical associations. <i>Psychiatry Research - Neuroimaging</i> , <b>1995</b> , 61, 137-50	2.9	37
126	Genetics studies indicate that neural induction and early neuronal maturation are disturbed in autism. <i>Frontiers in Cellular Neuroscience</i> , <b>2014</b> , 8, 397	6.1	35
125	Early-stage visual processing abnormalities in high-functioning autism spectrum disorder (ASD). <i>Translational Neuroscience</i> , <b>2010</b> , 1, 177-187	1.2	35
124	Polyamines and their metabolizing enzymes in human frontal cortex and hippocampus: preliminary measurements in affective disorders. <i>Biological Psychiatry</i> , <b>1995</b> , 38, 227-34	7.9	35
123	Comparative minicolumnar morphometry of three distinguished scientists. <i>Autism</i> , <b>2007</b> , 11, 557-69	6.6	34
122	Disrupted Brain Network in Children with Autism Spectrum Disorder. <i>Scientific Reports</i> , <b>2017</b> , 7, 16253	4.9	33
121	Neuroinflammatory response of the choroid plexus epithelium in fatal diabetic ketoacidosis. <i>Experimental and Molecular Pathology</i> , <b>2007</b> , 83, 65-72	4.4	33
120	Decreased DOPAC in the anterior cingulate cortex of individuals with schizophrenia. <i>Biological Psychiatry</i> , <b>1995</b> , 38, 4-12	7.9	33
119	Neuronal distribution in the neocortex of schizophrenic patients. <i>Psychiatry Research</i> , <b>2008</b> , 158, 267-77	9.9	32
118	Relative Power of Specific EEG Bands and Their Ratios during Neurofeedback Training in Children with Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 723	3.3	32
117	Autism as a sequence: from heterochronic germinal cell divisions to abnormalities of cell migration and cortical dysplasias. <i>Medical Hypotheses</i> , <b>2014</b> , 83, 32-8	3.8	31
116	Autism spectrum disorders: linking neuropathological findings to treatment with transcranial magnetic stimulation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2015</b> , 104, 346-55	3.1	31
115	Accurate automated detection of autism related corpus callosum abnormalities. <i>Journal of Medical Systems</i> , <b>2011</b> , 35, 929-39	5.1	31
114	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> , <b>2009</b> , 284, 9443-57	5.4	31
113	Astrocytosis in the molecular layer of the dentate gyrus: a study in Alzheimer's disease and schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , <b>1990</b> , 35, 149-66	2.9	31
112	Reduced interneuronal space in schizophrenia. <i>Biological Psychiatry</i> , <b>2000</b> , 47, 681-3	7.9	30

111	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> , <b>2016</b> , 20, 925-935	7.2	29
110	Autism and dyslexia: a spectrum of cognitive styles as defined by minicolumnar morphometry. <i>Medical Hypotheses</i> , <b>2010</b> , 74, 59-62	3.8	29
109	Disentangling the pathology of schizophrenia and paraphrenia. <i>Acta Neuropathologica</i> , <b>2002</b> , 103, 313-204.3	20.3	29
108	Characteristics of [3H]GBR 12935 binding in the human and rat frontal cortex. <i>Journal of Neurochemistry</i> , <b>1991</b> , 56, 1663-72	6	28
107	Above genetics: lessons from cerebral development in autism. <i>Translational Neuroscience</i> , <b>2011</b> , 2, 106-120	120	27
106	Morphometric variability of minicolumns in the striate cortex of Homo sapiens, Macaca mulatta, and Pan troglodytes. <i>Journal of Anatomy</i> , <b>2009</b> , 214, 226-34	2.9	27
105	A temporal continuity to the vertical organization of the human neocortex. <i>Cerebral Cortex</i> , <b>2007</b> , 17, 130-7	5.1	26
104	Mean cell spacing abnormalities in the neocortex of patients with schizophrenia. <i>Psychiatry Research</i> , <b>2005</b> , 133, 1-12	9.9	26
103	Age-related changes in [3H]GBR 12935 binding site density in the prefrontal cortex of controls and schizophrenics. <i>Biological Psychiatry</i> , <b>1995</b> , 37, 175-82	7.9	25
102	3H-paroxetine binding in brains of alcoholics. <i>Psychiatry Research</i> , <b>1991</b> , 38, 293-9	9.9	25
101	Magnetic resonance imaging findings for dyslexia: a review. <i>Journal of Biomedical Nanotechnology</i> , <b>2014</b> , 10, 2778-805	4	23
100	Development of beta 1 and beta 2 adrenergic receptors in baboon brain: an autoradiographic study using [125I]iodocyanopindolol. <i>Journal of Comparative Neurology</i> , <b>1988</b> , 273, 318-29	3.4	23
99	Laws of conservation as related to brain growth, aging, and evolution: symmetry of the minicolumn. <i>Frontiers in Neuroanatomy</i> , <b>2011</b> , 5, 66	3.6	22
98	The possible association between affective disorder and partially deleted mitochondrial DNA. <i>Biological Psychiatry</i> , <b>1993</b> , 33, 141-2	7.9	22
97	Regulatory mechanisms of cortical laminar development. <i>Brain Research Reviews</i> , <b>2006</b> , 51, 72-84		21
96	The neuropathology of schizophrenia: a critical assessment of research methodologies. <i>Biological Psychiatry</i> , <b>1990</b> , 27, 353-62	7.9	21
95	Genes with high penetrance for syndromic and non-syndromic autism typically function within the nucleus and regulate gene expression. <i>Molecular Autism</i> , <b>2016</b> , 7, 18	6.5	21
94	Monoclonal antibodies to study the brain in schizophrenia. <i>Brain Research</i> , <b>1989</b> , 500, 379-83	3.7	20

93	Increased white matter gyral depth in dyslexia: implications for corticocortical connectivity. <i>Journal of Autism and Developmental Disorders</i> , <b>2010</b> , 40, 21-9	4.6	19
92	The minicolumnopathy of autism: A link between migraine and gastrointestinal symptoms. <i>Medical Hypotheses</i> , <b>2008</b> , 70, 73-80	3.8	19
91	Transcranial Direct Current Stimulation (tDCS) Can Modulate EEG Complexity of Children With Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 201	5.1	18
90	Up-Regulation of Oligodendrocyte Lineage Markers in the Cerebellum of Autistic Patients: Evidence From Network Analysis of Gene Expression. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 4019-4025	6.2	17
89	Spherical harmonic analysis of cortical complexity in autism and dyslexia. <i>Translational Neuroscience</i> , <b>2012</b> , 3, 36-40	1.2	16
88	Dyslexia diagnostics by 3-D shape analysis of the corpus callosum. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2012</b> , 16, 700-8		16
87	Electrophysiological and Behavioral Outcomes of Berard Auditory Integration Training (AIT) in Children with Autism Spectrum Disorder. <i>Applied Psychophysiology Biofeedback</i> , <b>2016</b> , 41, 405-420	3.4	16
86	Cortical organization: a description and interpretation of anatomical findings based on systems theory. <i>Translational Neuroscience</i> , <b>2010</b> , 1, 62-71	1.2	15
85	Hippocampal pathology in two mentally ill paraphiliacs. <i>Psychiatry Research - Neuroimaging</i> , <b>2002</b> , 115, 79-89	2.9	15
84	Shape distortion of the hippocampus: a possible explanation of the pyramidal cell disarray reported in schizophrenia. <i>Schizophrenia Research</i> , <b>2002</b> , 55, 19-24	3.6	15
83	The Potential of Repetitive Transcranial Magnetic Stimulation for Autism Spectrum Disorder: A Consensus Statement. <i>Biological Psychiatry</i> , <b>2019</b> , 85, e21-e22	7.9	14
82	Schizophrenia seen as a deficit in the modulation of cortical minicolumns by monoaminergic systems. <i>International Review of Psychiatry</i> , <b>2007</b> , 19, 361-72	3.6	14
81	Shape distortion of the corpus callosum of monozygotic twins discordant for schizophrenia. <i>Schizophrenia Research</i> , <b>1990</b> , 3, 155-6	3.6	14
80	The Relationship between Autism and Ehlers-Danlos Syndromes/Hypermobility Spectrum Disorders. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	14
79	Cortical surface complexity in a population-based normative sample. <i>Translational Neuroscience</i> , <b>2014</b> , 5,	1.2	13
78	<b>2010</b> ,		13
77	Minicolumnar width: Comparison between supragranular and infragranular layers. <i>Journal of Neuroscience Methods</i> , <b>2009</b> , 184, 19-24	3	13
76	Shape analysis of the middle cranial fossa of schizophrenic patients. A computerized tomographic study. <i>Schizophrenia Research</i> , <b>1989</b> , 2, 333-8	3.6	13

75	Developmental changes of neuropeptides and amino acids in baboon cortex. <i>Developmental Brain Research</i> , <b>1988</b> , 44, 156-9		13
74	Behavioral, Cognitive, and Motor Preparation Deficits in a Visual Cued Spatial Attention Task in Autism Spectrum Disorder. <i>Applied Psychophysiology Biofeedback</i> , <b>2016</b> , 41, 81-92	3-4	12
73	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> , <b>2018</b> , 12, 20	3-5	12
72	Corpus Callosum Shape Analysis with Application to Dyslexia. <i>Translational Neuroscience</i> , <b>2010</b> , 1, 124-130	2	12
71	Recursive trace line method for detecting myelinated bundles: a comparison study with pyramidal cell arrays. <i>Journal of Neuroscience Methods</i> , <b>2008</b> , 168, 367-72	3	12
70	A NEW IMAGE ANALYSIS APPROACH FOR AUTOMATIC CLASSIFICATION OF AUTISTIC BRAINS <b>2007</b> ,		12
69	No difference in basal ganglia mineralization between schizophrenic and nonschizophrenic patients: a quantitative computerized tomographic study. <i>Biological Psychiatry</i> , <b>1990</b> , 27, 138-42	7-9	12
68	The modular organization of the cerebral cortex: Evolutionary significance and possible links to neurodevelopmental conditions. <i>Journal of Comparative Neurology</i> , <b>2019</b> , 527, 1720-1730	3-4	12
67	Widespread Genotype-Phenotype Correlations in Intellectual Disability. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 535	5	12
66	Autism diagnostics by 3D texture analysis of cerebral white matter gyrifications <b>2007</b> , 10, 882-90		11
65	Modular concepts of brain organization and the neuropathology of psychiatric conditions. <i>Psychiatry Research</i> , <b>2003</b> , 118, 101-2	9-9	11
64	Wernicke's disease and schizophrenia: a case report and review of the literature. <i>International Journal of Psychiatry in Medicine</i> , <b>1996</b> , 26, 319-28	1	11
63	A postmortem quantitative study of iron in the globus pallidus of schizophrenic patients. <i>Biological Psychiatry</i> , <b>1990</b> , 27, 143-9	7-9	11
62	Is there a neuropathology of schizophrenia?. <i>Biological Psychiatry</i> , <b>1988</b> , 24, 123-8	7-9	11
61	The Significance of Minicolumnar Size Variability in Autism <b>2008</b> , 349-360		11
60	Shape analysis of the human brain: a brief survey. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2014</b> , 18, 1337-54	7-2	10
59	Gliosis in schizophrenia. <i>Biological Psychiatry</i> , <b>1987</b> , 22, 1172-5	7-9	10
58	A Cohort Study Comparing Women with Autism Spectrum Disorder with and without Generalized Joint Hypermobility. <i>Behavioral Sciences (Basel, Switzerland)</i> , <b>2018</b> , 8,	2-3	9

57	A NOVEL CAD SYSTEM FOR LOCAL AND GLOBAL EARLY DIAGNOSIS OF ALZHEIMER'S DISEASE BASED ON PIB-PET SCANS <b>2017</b> ,		9
56	The temporolimbic system theory of paranoid schizophrenia. <i>Schizophrenia Bulletin</i> , <b>1997</b> , 23, 513-5	1.3	9
55	Magnetic resonance imaging study of brain asymmetries in dyslexic patients. <i>Journal of Child Neurology</i> , <b>2005</b> , 20, 842-7	2.5	9
54	The pathology of paraphrenia. <i>Current Psychiatry Reports</i> , <b>2010</b> , 12, 196-201	9.1	8
53	Alterations in TRH receptors in temporal lobe of schizophrenics: a quantitative autoradiographic study. <i>Synapse</i> , <b>1994</b> , 18, 315-27	2.4	8
52	<b>2017</b> ,		7
51	Accelerated maturation in brains of patients with Down syndrome. <i>Journal of Intellectual Disability Research</i> , <b>2004</b> , 48, 704-5	3.2	7
50	Normal nucleolar size of entorhinal cortex cells in schizophrenia. <i>Psychiatry Research</i> , <b>1992</b> , 44, 79-82	9.9	7
49	The expression of phosphorylated neurofilament epitopes in human brains. <i>Brain Research</i> , <b>1988</b> , 475, 328-32	3.7	7
48	Neuromodulation Based on rTMS Affects Behavioral Measures and Autonomic Nervous System Activity in Children with Autism. <i>NeuroRegulation</i> , <b>2017</b> , 4, 65-78	1.3	7
47	A Novel Early Diagnosis System for Mild Cognitive Impairment Based on Local Region Analysis: A Pilot Study. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 643	3.3	6
46	Atypical Processing of Novel Distracters in a Visual Oddball Task in Autism Spectrum Disorder. <i>Behavioral Sciences (Basel, Switzerland)</i> , <b>2017</b> , 7,	2.3	6
45	Significant neuronal soma volume deficit in the limbic system in subjects with 15q11.2-q13 duplications. <i>Acta Neuropathologica Communications</i> , <b>2015</b> , 3, 63	7.3	6
44	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> , <b>2014</b> , 8, 1034	3.3	6
43	<b>2010</b> ,		6
42	CLASSIFICATION TECHNIQUES FOR AUTISTIC VS. TYPICALLY DEVELOPING BRAIN USING MRI DATA <b>2007</b> ,		6
41	Canonical circuits of the cerebral cortex as enablers of neuroprosthetics. <i>Frontiers in Systems Neuroscience</i> , <b>2013</b> , 7, 77	3.5	5
40	A comparison study of the vertical bias of pyramidal cells in the hippocampus and neocortex. <i>Developmental Neuroscience</i> , <b>2007</b> , 29, 193-200	2.2	5

39	Intracortical circuitry: one of psychiatry's missing assumptions. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , <b>2004</b> , 254, 148-51	5.1	5
38	Preservation of hippocampal pyramidal cells in paraphrenia. <i>Schizophrenia Research</i> , <b>2003</b> , 62, 141-6	3.6	5
37	A Framework for Unsupervised Segmentation of Multi-modal Medical Images. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 120-131	0.9	5
36	Autism risk genes are evolutionarily ancient and maintain a unique feature landscape that echoes their function. <i>Autism Research</i> , <b>2019</b> , 12, 860-869	5.1	4
35	Transposable elements occur more frequently in autism-risk genes: Implications for the role of genomic instability in autism. <i>Translational Neuroscience</i> , <b>2013</b> , 4,	1.2	4
34	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> , <b>2010</b> , 2010, 4288-91	0.9	4
33	Senile plaques exert no mass lesion effect on surrounding neurons. <i>Journal of Neuroscience Methods</i> , <b>2001</b> , 110, 125-33	3	4
32	Autism Diagnostics by 3D Shape Analysis of the Corpus Callosum. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , <b>2012</b> , 315-335	0.4	4
31	Plausible mechanisms for brain structural and size changes in human evolution. <i>Collegium Antropologicum</i> , <b>2011</b> , 35, 949-55	0.1	4
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