

Manuel F Casanova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4251053/publications.pdf>

Version: 2024-02-01

186
papers

10,092
citations

36203

51
h-index

40881

93
g-index

192
all docs

192
docs citations

192
times ranked

7663
citing authors

#	ARTICLE	IF	CITATIONS
1	Anatomical Abnormalities in the Brains of Monozygotic Twins Discordant for Schizophrenia. <i>New England Journal of Medicine</i> , 1990, 322, 789-794.	13.9	990
2	Minicolumnar pathology in autism. <i>Neurology</i> , 2002, 58, 428-432.	1.5	796
3	Minicolumnar abnormalities in autism. <i>Acta Neuropathologica</i> , 2006, 112, 287-303.	3.9	434
4	The minicolumn hypothesis in neuroscience. <i>Brain</i> , 2002, 125, 935-951.	3.7	420
5	Serotonin Uptake Sites and Serotonin Receptors Are Altered in the Limbic System of Schizophrenics. <i>Neuropsychopharmacology</i> , 1993, 8, 315-336.	2.8	323
6	Disruption in the Inhibitory Architecture of the Cell Minicolumn: Implications for Autism. <i>Neuroscientist</i> , 2003, 9, 496-507.	2.6	285
7	Abnormalities of the nucleus basalis in Down's syndrome. <i>Annals of Neurology</i> , 1985, 18, 310-313.	2.8	196
8	The Neuropathology of Autism. <i>Brain Pathology</i> , 2007, 17, 422-433.	2.1	185
9	Loss of pedunculopontine neurons in progressive supranuclear palsy. <i>Annals of Neurology</i> , 1987, 22, 18-25.	2.8	181
10	Clinical and Macroscopic Correlates of Minicolumnar Pathology in Autism. <i>Journal of Child Neurology</i> , 2002, 17, 692-695.	0.7	165
11	Selective loss of cerebral cortical Sigma, but not PCP binding sites in schizophrenia. <i>Biological Psychiatry</i> , 1991, 29, 41-54.	0.7	158
12	Phosphorylated Neurofilament Antigens in Neurofibrillary Tangles in Alzheimer's Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 1986, 45, 56-64.	0.9	152
13	Lateralization of Minicolumns in Human Planum temporale Is Absent in Nonhuman Primate Cortex. <i>Brain, Behavior and Evolution</i> , 2001, 57, 349-358.	0.9	143
14	Reduced temporal lobe volume in early onset conduct disorder. <i>Psychiatry Research - Neuroimaging</i> , 2004, 132, 1-11.	0.9	130
15	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, 619-634.	1.7	123
16	Neuronal Density and Architecture (Gray Level Index) in the Brains of Autistic Patients. <i>Journal of Child Neurology</i> , 2002, 17, 515-521.	0.7	120
17	Focal cortical dysplasias in autism spectrum disorders. <i>Acta Neuropathologica Communications</i> , 2013, 1, 67.	2.4	117
18	Interoception in Autism Spectrum Disorder: A review. <i>International Journal of Developmental Neuroscience</i> , 2016, 52, 104-111.	0.7	111

#	ARTICLE	IF	CITATIONS
19	Auditory cortex asymmetry, altered minicolumn spacing and absence of ageing effects in schizophrenia. <i>Brain</i> , 2008, 131, 3178-3192.	3.7	109
20	The Minicolumn and Evolution of the Brain. <i>Brain, Behavior and Evolution</i> , 2002, 60, 125-151.	0.9	104
21	Radial cytoarchitecture and patterns of cortical connectivity in autism. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 1433-1436.	1.8	104
22	Prefrontal cortical minicolumn: from executive control to disrupted cognitive processing. <i>Brain</i> , 2014, 137, 1863-1875.	3.7	102
23	Prefrontal Neuromodulation Using rTMS Improves Error Monitoring and Correction Function in Autism. <i>Applied Psychophysiology Biofeedback</i> , 2012, 37, 91-102.	1.0	101
24	Biological stability of mRNA isolated from human postmortem brain collections. <i>Biological Psychiatry</i> , 1993, 33, 456-466.	0.7	99
25	Corpus callosum morphology, as measured with MRI, in dyslexic men. <i>Biological Psychiatry</i> , 1996, 39, 769-775.	0.7	97
26	Neuropathological and Genetic Findings in Autism: The Significance of a Putative Minicolumnopathy. <i>Neuroscientist</i> , 2006, 12, 435-441.	2.6	94
27	Review: Cortical construction in autism spectrum disorder: columns, connectivity and the subplate. <i>Neuropathology and Applied Neurobiology</i> , 2016, 42, 115-134.	1.8	94
28	Low-Frequency Repetitive Transcranial Magnetic Stimulation (rTMS) Affects Event-Related Potential Measures of Novelty Processing in Autism. <i>Applied Psychophysiology Biofeedback</i> , 2010, 35, 147-161.	1.0	88
29	Event-related Potential Study of Novelty Processing Abnormalities in Autism. <i>Applied Psychophysiology Biofeedback</i> , 2009, 34, 37-51.	1.0	86
30	Repetitive transcranial magnetic stimulation (RTMS) modulates event-related potential (ERP) indices of attention in autism. <i>Translational Neuroscience</i> , 2012, 3, 170-180.	0.7	81
31	Asperger's Syndrome and Cortical Neuropathology. <i>Journal of Child Neurology</i> , 2002, 17, 142-145.	0.7	80
32	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, 451-458.	2.1	80
33	Reduced Brain Size and Gyrification in the Brains of Dyslexic Patients. <i>Journal of Child Neurology</i> , 2004, 19, 275-281.	0.7	79
34	White matter volume increase and minicolumns in autism. <i>Annals of Neurology</i> , 2004, 56, 453-453.	2.8	79
35	Neuromodulation Integrating rTMS and Neurofeedback for the Treatment of Autism Spectrum Disorder: An Exploratory Study. <i>Applied Psychophysiology Biofeedback</i> , 2014, 39, 237-257.	1.0	79
36	Neuropeptidergic Systems in Plaques of Alzheimer's Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 1987, 46, 567-584.	0.9	76

#	ARTICLE	IF	CITATIONS
37	Reduced Gyril Window and Corpus Callosum Size in Autism: Possible Macroscopic Correlates of a Minicolumnopathy. <i>Journal of Autism and Developmental Disorders</i> , 2009, 39, 751-764.	1.7	76
38	rTMS neuromodulation improves electrocortical functional measures of information processing and behavioral responses in autism. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 134.	1.2	71
39	Transcranial magnetic stimulation in autism spectrum disorder: Challenges, promise, and roadmap for future research. <i>Autism Research</i> , 2016, 9, 184-203.	2.1	71
40	Mineralization of the basal ganglia: implications for neuropsychiatry, pathology and neuroimaging. <i>Psychiatry Research</i> , 2003, 121, 59-87.	1.7	70
41	Cortical Gyrification in the Rhesus Monkey: A Test of the Mechanical Folding Hypothesis. <i>Cerebral Cortex</i> , 1991, 1, 426-432.	1.6	69
42	Quantitative analysis of cell columns in the cerebral cortex. <i>Journal of Neuroscience Methods</i> , 2000, 97, 7-17.	1.3	68
43	Neuropathological Mechanisms of Seizures in Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2016, 10, 192.	1.4	68
44	The Relationship between Autism and Ehlers-Danlos Syndromes/Hypermobility Spectrum Disorders. <i>Journal of Personalized Medicine</i> , 2020, 10, 260.	1.1	68
45	Morphological differences between minicolumns in human and nonhuman primate cortex. <i>American Journal of Physical Anthropology</i> , 2001, 115, 361-371.	2.1	65
46	Minicolumnar pathology in dyslexia. <i>Annals of Neurology</i> , 2002, 52, 108-110.	2.8	64
47	Clinicopathological correlates of behavioral and psychological symptoms of dementia. <i>Acta Neuropathologica</i> , 2011, 122, 117-135.	3.9	64
48	Social, Communication, and Cortical Structural Impairments in Epac2-Deficient Mice. <i>Journal of Neuroscience</i> , 2012, 32, 11864-11878.	1.7	62
49	Heart Rate Variability and Skin Conductance During Repetitive TMS Course in Children with Autism. <i>Applied Psychophysiology Biofeedback</i> , 2016, 41, 47-60.	1.0	60
50	Disrupted Brain Network in Children with Autism Spectrum Disorder. <i>Scientific Reports</i> , 2017, 7, 16253.	1.6	60
51	Ultrastructural alterations of synaptic contacts and astrocytes in postmortem caudate nucleus of schizophrenic patients. <i>Schizophrenia Research</i> , 1996, 22, 81-83.	1.1	58
52	Asymmetry of the planum temporale: methodological considerations and clinical associations. <i>Psychiatry Research - Neuroimaging</i> , 1995, 61, 137-150.	0.9	56
53	Quantitative analysis of the shape of the corpus callosum in patients with autism and comparison individuals. <i>Autism</i> , 2011, 15, 223-238.	2.4	55
54	Encephalization, Emergent Properties, and Psychiatry: A Minicolumnar Perspective. <i>Neuroscientist</i> , 2008, 14, 101-118.	2.6	54

#	ARTICLE	IF	CITATIONS
55	Sequestration of Tubulin in Neurons in Alzheimer's disease. <i>Brain Research</i> , 1986, 385, 305-310.	1.1	53
56	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.	1.0	52
57	Minicolumn thinning in temporal lobe association cortex but not primary auditory cortex in normal human ageing. <i>Acta Neuropathologica</i> , 2006, 111, 459-464.	3.9	49
58	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.	1.7	48
59	Early-stage visual processing abnormalities in high-functioning autism spectrum disorder (ASD). <i>Translational Neuroscience</i> , 2010, 1, 177-187.	0.7	47
60	Genetics studies indicate that neural induction and early neuronal maturation are disturbed in autism. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 397.	1.8	43
61	Astrocytosis in the molecular layer of the dentate gyrus: A study in Alzheimer's disease and schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 1990, 35, 149-166.	0.9	40
62	Comparative lateralisation patterns in the language area of human, chimpanzee, and rhesus monkey brains. <i>Laterality</i> , 2000, 5, 315-330.	0.5	40
63	Comparative minicolumnar morphometry of three distinguished scientists. <i>Autism</i> , 2007, 11, 557-569.	2.4	40
64	Accurate Automated Detection of Autism Related Corpus Callosum Abnormalities. <i>Journal of Medical Systems</i> , 2011, 35, 929-939.	2.2	40
65	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.	2.6	40
66	Disentangling the pathology of schizophrenia and paraphrenia. <i>Acta Neuropathologica</i> , 2002, 103, 313-320.	3.9	39
67	Decreased DOPAC in the anterior cingulate cortex of individuals with schizophrenia. <i>Biological Psychiatry</i> , 1995, 38, 4-12.	0.7	38
68	Autism and dyslexia: A spectrum of cognitive styles as defined by minicolumnar morphometry. <i>Medical Hypotheses</i> , 2010, 74, 59-62.	0.8	38
69	Autism as a sequence: From heterochronic germinal cell divisions to abnormalities of cell migration and cortical dysplasias. <i>Medical Hypotheses</i> , 2014, 83, 32-38.	0.8	38
70	Polyamines and their metabolizing enzymes in human frontal cortex and hippocampus: Preliminary measurements in affective disorders. <i>Biological Psychiatry</i> , 1995, 38, 227-234.	0.7	37
71	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.	3.9	36
72	Neuroinflammatory response of the choroid plexus epithelium in fatal diabetic ketoacidosis. <i>Experimental and Molecular Pathology</i> , 2007, 83, 65-72.	0.9	34

#	ARTICLE	IF	CITATIONS
73	Autism spectrum disorders: linking neuropathological findings to treatment with transcranial magnetic stimulation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 346-355.	0.7	34
74	Reduced interneuronal space in schizophrenia. <i>Biological Psychiatry</i> , 2000, 47, 681-682.	0.7	33
75	Neuronal distribution in the neocortex of schizophrenic patients. <i>Psychiatry Research</i> , 2008, 158, 267-277.	1.7	33
76	Identification of myo-Inositol-3-phosphate Synthase Isoforms. <i>Journal of Biological Chemistry</i> , 2009, 284, 9443-9457.	1.6	33
77	Characteristics of [3H]GBR 12935 Binding in the Human and Rat Frontal Cortex. <i>Journal of Neurochemistry</i> , 1991, 56, 1663-1672.	2.1	31
78	Morphometric variability of minicolumns in the striate cortex of <i>Homo sapiens</i> , <i>Macaca mulatta</i> , and <i>Pan troglodytes</i> . <i>Journal of Anatomy</i> , 2009, 214, 226-234.	0.9	31
79	Above genetics: Lessons from cerebral development in autism. <i>Translational Neuroscience</i> , 2011, 2, 106-120.	0.7	30
80	Magnetic Resonance Imaging Findings for Dyslexia: A Review. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 2778-2805.	0.5	30
81	Transcranial Direct Current Stimulation (tDCS) Can Modulate EEG Complexity of Children With Autism Spectrum Disorder. <i>Frontiers in Neuroscience</i> , 2018, 12, 201.	1.4	29
82	Mean cell spacing abnormalities in the neocortex of patients with schizophrenia. <i>Psychiatry Research</i> , 2005, 133, 1-12.	1.7	28
83	A Temporal Continuity to the Vertical Organization of the Human Neocortex. <i>Cerebral Cortex</i> , 2006, 17, 130-137.	1.6	28
84	Dyslexia Diagnostics by 3-D Shape Analysis of the Corpus Callosum. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2012, 16, 700-708.	3.6	28
85	3H-paroxetine binding in brains of alcoholics. <i>Psychiatry Research</i> , 1991, 38, 293-299.	1.7	27
86	Age-related changes in [3H]GBR 12935 binding site density in the prefrontal cortex of controls and schizophrenics. <i>Biological Psychiatry</i> , 1995, 37, 175-182.	0.7	27
87	The Potential of Repetitive Transcranial Magnetic Stimulation for Autism Spectrum Disorder: A Consensus Statement. <i>Biological Psychiatry</i> , 2019, 85, e21-e22.	0.7	27
88	The neuropathology of schizophrenia: A critical assessment of research methodologies. <i>Biological Psychiatry</i> , 1990, 27, 353-362.	0.7	26
89	Laws of Conservation as Related to Brain Growth, Aging, and Evolution: Symmetry of the Minicolumn. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 66.	0.9	26
90	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.	1.0	26

#	ARTICLE	IF	CITATIONS
91	The possible association between affective disorder and partially deleted mitochondrial DNA. <i>Biological Psychiatry</i> , 1993, 33, 141-142.	0.7	25
92	Regulatory mechanisms of cortical laminar development. <i>Brain Research Reviews</i> , 2006, 51, 72-84.	9.1	25
93	Increased White Matter Gyral Depth in Dyslexia: Implications for Corticocortical Connectivity. <i>Journal of Autism and Developmental Disorders</i> , 2010, 40, 21-29.	1.7	25
94	Spherical harmonic analysis of cortical complexity in autism and dyslexia. <i>Translational Neuroscience</i> , 2012, 3, 36-40.	0.7	25
95	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.	1.2	24
96	Development of $\hat{1}^21$ and $\hat{1}^22$ adrenergic receptors in baboon brain: An autoradiographic study using [125I]iodocyanopindolol. <i>Journal of Comparative Neurology</i> , 1988, 273, 318-329.	0.9	23
97	The minicolumnopathy of autism: A link between migraine and gastrointestinal symptoms. <i>Medical Hypotheses</i> , 2008, 70, 73-80.	0.8	23
98	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.	1.0	23
99	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.	1.9	23
100	Corpus callosum shape analysis with application to dyslexia. <i>Translational Neuroscience</i> , 2010, 1, 124-130.	0.7	22
101	Monoclonal antibodies to study the brain in schizophrenia. <i>Brain Research</i> , 1989, 500, 379-383.	1.1	20
102	A postmortem quantitative study of iron in the globus pallidus of schizophrenic patients. <i>Biological Psychiatry</i> , 1990, 27, 143-149.	0.7	20
103	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.	0.9	20
104	Shape distortion of the hippocampus: a possible explanation of the pyramidal cell disarray reported in schizophrenia. <i>Schizophrenia Research</i> , 2002, 55, 19-24.	1.1	19
105	Hippocampal pathology in two mentally ill paraphiliacs. <i>Psychiatry Research - Neuroimaging</i> , 2002, 115, 79-89.	0.9	19
106	Image-based detection of Corpus Callosum variability for more accurate discrimination between dyslexic and normal brains. , 2010, , .		19
107	Editorial: Secondary vs. Idiopathic Autism. <i>Frontiers in Psychiatry</i> , 2020, 11, 297.	1.3	19
108	Minicolumnar width: Comparison between supragranular and infragranular layers. <i>Journal of Neuroscience Methods</i> , 2009, 184, 19-24.	1.3	18

#	ARTICLE	IF	CITATIONS
109	Cortical organization. Translational Neuroscience, 2010, 1, 62-71.	0.7	18
110	Cortical surface complexity in a population-based normative sample. Translational Neuroscience, 2014, 5, .	0.7	18
111	Shape distortion of the corpus callosum of monozygotic twins discordant for schizophrenia. Schizophrenia Research, 1990, 3, 155-156.	1.1	17
112	Is there a neuropathology of schizophrenia?. Biological Psychiatry, 1988, 24, 123-128.	0.7	16
113	No difference in basal ganglia mineralization between schizophrenic and nonschizophrenic patients: A quantitative computerized tomographic study. Biological Psychiatry, 1990, 27, 138-142.	0.7	15
114	Autism Diagnostics by 3D Texture Analysis of Cerebral White Matter Gyrfications. , 2007, 10, 882-890.		15
115	Shape Analysis of the Human Brain: A Brief Survey. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1337-1354.	3.9	15
116	Widespread Genotype-Phenotype Correlations in Intellectual Disability. Frontiers in Psychiatry, 2018, 9, 535.	1.3	15
117	Shape analysis of the middle cranial fossa of schizophrenic patients. Schizophrenia Research, 1989, 2, 333-338.	1.1	14
118	Wernicke's Disease and Schizophrenia: A Case Report and Review of the Literature. International Journal of Psychiatry in Medicine, 1996, 26, 319-328.	0.8	14
119	Schizophrenia seen as a deficit in the modulation of cortical minicolumns by monoaminergic systems. International Review of Psychiatry, 2007, 19, 361-372.	1.4	14
120	A NEW IMAGE ANALYSIS APPROACH FOR AUTOMATIC CLASSIFICATION OF AUTISTIC BRAINS. , 2007, , .		14
121	Recursive trace line method for detecting myelinated bundles: A comparison study with pyramidal cell arrays. Journal of Neuroscience Methods, 2008, 168, 367-372.	1.3	14
122	A novel CAD system for local and global early diagnosis of Alzheimer's disease based on PIB-PET scans. , 2017, , .		14
123	A new deep-learning approach for early detection of shape variations in autism using structural mri. , 2017, , .		14
124	The Significance of Minicolumnar Size Variability in Autism. , 2008, , 349-360.		14
125	The Role of Structure MRI in Diagnosing Autism. Diagnostics, 2022, 12, 165.	1.3	14
126	Developmental changes of neuropeptides and amino acids in baboon cortex. Developmental Brain Research, 1988, 44, 156-159.	2.1	13

#	ARTICLE	IF	CITATIONS
127	Modular concepts of brain organization and the neuropathology of psychiatric conditions. <i>Psychiatry Research</i> , 2003, 118, 101-102.	1.7	13
128	The Pathology of Paraphrenia. <i>Current Psychiatry Reports</i> , 2010, 12, 196-201.	2.1	13
129	A Cohort Study Comparing Women with Autism Spectrum Disorder with and without Generalized Joint Hypermobility. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2018, 8, 35.	1.0	12
130	Gliososis in schizophrenia. <i>Biological Psychiatry</i> , 1987, 22, 1172-1173.	0.7	11
131	The Temporolimbic System Theory of Paranoid Schizophrenia. <i>Schizophrenia Bulletin</i> , 1997, 23, 513-515.	2.3	11
132	Magnetic Resonance Imaging Study of Brain Asymmetries in Dyslexic Patients. <i>Journal of Child Neurology</i> , 2005, 20, 842-847.	0.7	11
133	Significant neuronal soma volume deficit in the limbic system in subjects with 15q11.2-q13 duplications. <i>Acta Neuropathologica Communications</i> , 2015, 3, 63.	2.4	11
134	Atypical Processing of Novel Distracters in a Visual Oddball Task in Autism Spectrum Disorder. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2017, 7, 79.	1.0	11
135	Autism Diagnostics by 3D Shape Analysis of the Corpus Callosum. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2012, , 315-335.	0.2	11
136	Alterations in TRH receptors in temporal lobe of schizophrenics: A quantitative autoradiographic study. <i>Synapse</i> , 1994, 18, 315-327.	0.6	10
137	Editorial: Augmentation of Brain Function: Facts, Fiction and Controversy. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 45.	1.2	10
138	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.	1.0	10
139	Autism risk genes are evolutionarily ancient and maintain a unique feature landscape that echoes their function. <i>Autism Research</i> , 2019, 12, 860-869.	2.1	10
140	Normal nucleolar size of entorhinal cortex cells in Schizophrenia. <i>Psychiatry Research</i> , 1992, 44, 79-82.	1.7	9
141	Transposable elements occur more frequently in autism-risk genes: Implications for the role of genomic instability in autism. <i>Translational Neuroscience</i> , 2013, 4, 172-202.	0.7	9
142	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.	1.0	9
143	Shape-Based Detection of Cortex Variability for More Accurate Discrimination Between Autistic and Normal Brains. , 2011, , 161-185.		9
144	Neuromodulation Based on rTMS Affects Behavioral Measures and Autonomic Nervous System Activity in Children with Autism. <i>NeuroRegulation</i> , 2017, 4, 65-78.	0.7	9

#	ARTICLE	IF	CITATIONS
145	The expression of phosphorylated neurofilament epitopes in human brains. <i>Brain Research</i> , 1988, 475, 328-332.	1.1	8
146	Letter to the editor. <i>Journal of Intellectual Disability Research</i> , 2004, 48, 704-705.	1.2	8
147	CLASSIFICATION TECHNIQUES FOR AUTISTIC VS. TYPICALLY DEVELOPING BRAIN USING MRI DATA. , 2007, , .		8
148	Image-based detection of Corpus Callosum variability for more accurate discrimination between autistic and normal brains. , 2010, , .		8
149	A Framework for Unsupervised Segmentation of Multi-modal Medical Images. <i>Lecture Notes in Computer Science</i> , 2006, , 120-131.	1.0	8
150	Preservation of hippocampal pyramidal cells in paraphrenia. <i>Schizophrenia Research</i> , 2003, 62, 141-146.	1.1	7
151	Intracortical circuitry: One of psychiatry?s missing assumptions. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2004, 254, 148-51.	1.8	6
152	2. Astrocytosis and schizophrenia. <i>Schizophrenia Research</i> , 1991, 5, 186-187.	1.1	5
153	A Comparison Study of the Vertical Bias of Pyramidal Cells in the Hippocampus and Neocortex. <i>Developmental Neuroscience</i> , 2007, 29, 193-200.	1.0	5
154	Canonical circuits of the cerebral cortex as enablers of neuroprosthetics. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 77.	1.2	5
155	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.	0.6	5
156	Robust Neuroimaging-Based Classification Techniques Of Autistic Vs. Typically Developing Brain. , 2007, , 535-566.		5
157	Senile plaques exert no mass lesion effect on surrounding neurons. <i>Journal of Neuroscience Methods</i> , 2001, 110, 125-133.	1.3	4
158	Frequency-Domain Analysis of the Human Brain for Studies of Autism. , 2007, , .		4
159	Shape modeling of the corpus callosum. , 2010, 2010, 4288-91.		4
160	Gyrus window mapping of typical cortical folding using MRI. <i>Translational Neuroscience</i> , 2011, 2, 142-147.	0.7	4
161	Atlas-based approach for the segmentation of infant DTI MR brain images. , 2014, , .		4
162	Plausible mechanisms for brain structural and size changes in human evolution. <i>Collegium Antropologicum</i> , 2011, 35, 949-55.	0.1	4

#	ARTICLE	IF	CITATIONS
163	A method for the relative quantification of lipofuscin based on a computer image analysis system. <i>Journal of Neuroscience Methods</i> , 1989, 30, 11-15.	1.3	3
164	Computed tomography measurements of brain density in schizophrenia. <i>Biological Psychiatry</i> , 1991, 29, 745-756.	0.7	3
165	Variability of the relative corpus callosum cross sectional area between dyslexic and normally developed brains. , 2008, , .		3
166	Radial structure of dolphin insula. <i>Translational Neuroscience</i> , 2010, 1, 37-42.	0.7	3
167	The Role of the Entorhinal Cortex in Paraphrenia. <i>Current Psychiatry Reports</i> , 2010, 12, 202-207.	2.1	3
168	New Approach for Classification of Autistic vs. Typically Developing Brain Using White Matter Volumes. , 2012, , .		3
169	A statistical framework for the classification of infant DT images. , 2014, , .		3
170	Proteomic analysis of rat prefrontal cortex after chronic valproate treatment. <i>Journal of Neuroscience Research</i> , 2014, 92, 927-936.	1.3	3
171	Transcranial Magnetic Stimulation: Application in Autism Treatment. , 2014, , 583-605.		3
172	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> , 2022, 32, e13019.	2.1	3
173	The History of Child Pornography on the Internet. <i>Journal of Sex Education and Therapy</i> , 2000, 25, 245-251.	0.3	2
174	Reassessment of teratogenic risk from antenatal ultrasound. <i>Translational Neuroscience</i> , 2013, 4, .	0.7	2
175	The importance of using equimolar DNA for transfection analysis of the 5' flanking promoter regions of genes. <i>Analytical Biochemistry</i> , 2006, 349, 306-308.	1.1	1
176	Prefrontal Cortical Microcircuits Support the Emergence of Mind. <i>Springer Series in Cognitive and Neural Systems</i> , 2017, , 69-94.	0.1	1
177	Symmetry and Noether Theorem for Brain Microcircuits. <i>Springer Series in Cognitive and Neural Systems</i> , 2017, , 129-153.	0.1	1
178	Gulf War Syndrome. <i>The Journal of Chronic Fatigue Syndrome: Multidisciplinary Innovations in Research and Clinical Practice</i> , 1996, 2, 41-51.	0.4	0
179	Reversed planum temporale asymmetry in schizophrenia—a replication study. <i>Schizophrenia Research</i> , 1997, 24, 139.	1.1	0
180	363 What do cytokine polymorphisms tell us about human population history? The case of European populations. <i>Cytokine</i> , 2008, 43, 329.	1.4	0

#	ARTICLE	IF	CITATIONS
181	Systems Theory, Emergent Properties, and the Organization of the Central Nervous System. Springer Series in Cognitive and Neural Systems, 2017, , 55-68.	0.1	0
182	Mind the Reward: Nutrition vs. Addiction. Springer Series in Cognitive and Neural Systems, 2017, , 469-489.	0.1	0
183	Symmetry Breaking in Cognitive Disorders. Springer Series in Cognitive and Neural Systems, 2017, , 175-191.	0.1	0
184	Volumetric Mri Analysis Of Dyslexic Subjects Using A Level Set Framework. , 2007, , 461-492.		0
185	Surface Modeling of the Corpus Callosum from MRI Scans. Lecture Notes in Computer Science, 2010, , 9-18.	1.0	0
186	Ultrasound and Autism: How Disrupted Redox Homeostasis and Transient Membrane Porosity Confer Risk. Oxidative Stress in Applied Basic Research and Clinical Practice, 2015, , 373-392.	0.4	0