

Antigona Martinez

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

8,097
citations

87843

38
h-index

102432

66
g-index

72
all docs

72
docs citations

72
times ranked

6891
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical sources of the early components of the visual evoked potential. <i>Human Brain Mapping</i> , 2002, 15, 95-111.	1.9	957
2	Involvement of striate and extrastriate visual cortical areas in spatial attention. <i>Nature Neuroscience</i> , 1999, 2, 364-369.	7.1	879
3	Mapping of Contralateral Space in Retinotopic Coordinates by a Parietal Cortical Area in Humans. <i>Science</i> , 2001, 294, 1350-1354.	6.0	744
4	Source Analysis of Event-related Cortical Activity during Visuo-spatial Attention. <i>Cerebral Cortex</i> , 2003, 13, 486-499.	1.6	454
5	Auditory-Somatosensory Multisensory Processing in Auditory Association Cortex: An fMRI Study. <i>Journal of Neurophysiology</i> , 2002, 88, 540-543.	0.9	373
6	The Neural Circuitry of Pre-attentive Auditory Change-detection: An fMRI Study of Pitch and Duration Mismatch Negativity generators. <i>Cerebral Cortex</i> , 2005, 15, 545-551.	1.6	330
7	In Search of the Language Switch: An fMRI Study of Picture Naming in Spanish-English Bilinguals. <i>Brain and Language</i> , 2000, 73, 421-431.	0.8	313
8	Subcortical visual dysfunction in schizophrenia drives secondary cortical impairments. <i>Brain</i> , 2007, 130, 417-430.	3.7	291
9	Putting spatial attention on the map: timing and localization of stimulus selection processes in striate and extrastriate visual areas. <i>Vision Research</i> , 2001, 41, 1437-1457.	0.7	284
10	Early Cross-Modal Interactions in Auditory and Visual Cortex Underlie a Sound-Induced Visual Illusion. <i>Journal of Neuroscience</i> , 2007, 27, 4120-4131.	1.7	228
11	Hemispheric asymmetries in global and local processing. <i>NeuroReport</i> , 1997, 8, 1685-1689.	0.6	204
12	Nonlinear temporal dynamics of the cerebral blood flow response. <i>Human Brain Mapping</i> , 2001, 13, 1-12.	1.9	183
13	Magnocellular Pathway Impairment in Schizophrenia: Evidence from Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2008, 28, 7492-7500.	1.7	183
14	Gamma band activity and the P3 reflect post-perceptual processes, not visual awareness. <i>NeuroImage</i> , 2014, 101, 337-350.	2.1	176
15	Parametric manipulation of conflict and response competition using rapid mixed-trial event-related fMRI. <i>NeuroImage</i> , 2003, 20, 2135-2141.	2.1	175
16	Neural correlates of refixation saccades and antisaccades in normal and schizophrenia subjects. <i>Biological Psychiatry</i> , 2002, 51, 216-223.	0.7	158
17	Neural Basis of the Ventriloquist Illusion. <i>Current Biology</i> , 2007, 17, 1697-1703.	1.8	154
18	Visual Processing of Contour Patterns under Conditions of Inattentive Blindness. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 287-303.	1.1	136

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19	Sounds Activate Visual Cortex and Improve Visual Discrimination. <i>Journal of Neuroscience</i> , 2014, 34, 9817-9824.	1.7	112
20	Attending to global versus local stimulus features modulates neural processing of low versus high spatial frequencies: an analysis with event-related brain potentials. <i>Frontiers in Psychology</i> , 2014, 5, 277.	1.1	107
21	Reading Deficits in Schizophrenia and Individuals at High Clinical Risk: Relationship to Sensory Function, Course of Illness, and Psychosocial Outcome. <i>American Journal of Psychiatry</i> , 2014, 171, 949-959.	4.0	98
22	Object-based attention is multisensory: coactivation of an object's representations in ignored sensory modalities. <i>European Journal of Neuroscience</i> , 2007, 26, 499-509.	1.2	86
23	Consequences of Magnocellular Dysfunction on Processing Attended Information in Schizophrenia. <i>Cerebral Cortex</i> , 2012, 22, 1282-1293.	1.6	84
24	Salient Sounds Activate Human Visual Cortex Automatically. <i>Journal of Neuroscience</i> , 2013, 33, 9194-9201.	1.7	82
25	Mismatch negativity as a biomarker of theta band oscillatory dysfunction in schizophrenia. <i>Schizophrenia Research</i> , 2018, 191, 51-60.	1.1	79
26	Cortical processes underlying sound-induced flash fusion. <i>Brain Research</i> , 2008, 1242, 102-115.	1.1	73
27	The Role of Spatial Attention in the Selection of Real and Illusory Objects. <i>Journal of Neuroscience</i> , 2007, 27, 7963-7973.	1.7	69
28	Effect of Attention on Early Cortical Processes Associated with the Sound-induced Extra Flash Illusion. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1714-1729.	1.1	66
29	Early development of subcortical regions involved in non-cued attention switching. <i>Developmental Science</i> , 2004, 7, 534-542.	1.3	60
30	Contributions of Low and High Spatial Frequency Processing to Impaired Object Recognition Circuitry in Schizophrenia. <i>Cerebral Cortex</i> , 2013, 23, 1849-1858.	1.6	55
31	Involuntary orienting of attention to a sound desynchronizes the occipital alpha rhythm and improves visual perception. <i>NeuroImage</i> , 2017, 150, 318-328.	2.1	53
32	Source estimates for MEG/EEG visual evoked responses constrained by multiple, retinotopically mapped stimulus locations. <i>Human Brain Mapping</i> , 2009, 30, 1290-1309.	1.9	52
33	Earliest stages of visual cortical processing are not modified by attentional load. <i>Human Brain Mapping</i> , 2014, 35, 3008-3024.	1.9	52
34	Differential Patterns of Visual Sensory Alteration Underlying Face Emotion Recognition Impairment and Motion Perception Deficits in Schizophrenia and Autism Spectrum Disorder. <i>Biological Psychiatry</i> , 2019, 86, 557-567.	0.7	51
35	A roadmap for development of neuro-oscillations as translational biomarkers for treatment development in neuropsychopharmacology. <i>Neuropsychopharmacology</i> , 2020, 45, 1411-1422.	2.8	51
36	Comparison of psychophysical, electrophysiological, and fMRI assessment of visual contrast responses in patients with schizophrenia. <i>NeuroImage</i> , 2013, 67, 153-162.	2.1	47

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37	Spatial attention boosts short-latency neural responses in human visual cortex. <i>NeuroImage</i> , 2012, 59, 1968-1978.	2.1	45
38	Cross-modal orienting of visual attention. <i>Neuropsychologia</i> , 2016, 83, 170-178.	0.7	43
39	Spatial attention facilitates selection of illusory objects: Evidence from event-related brain potentials. <i>Brain Research</i> , 2007, 1139, 143-152.	1.1	42
40	Direct comparison of visual cortex activation in human and non-human primates using functional magnetic resonance imaging. <i>Journal of Neuroscience Methods</i> , 2001, 107, 71-80.	1.3	39
41	Impaired magnocellular/dorsal stream activation predicts impaired reading ability in schizophrenia. <i>NeuroImage: Clinical</i> , 2013, 2, 8-16.	1.4	37
42	Salient, Irrelevant Sounds Reflexively Induce Alpha Rhythm Desynchronization in Parallel with Slow Potential Shifts in Visual Cortex. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 433-445.	1.1	35
43	Impaired Motion Processing in Schizophrenia and the Attenuated Psychosis Syndrome: Etiological and Clinical Implications. <i>American Journal of Psychiatry</i> , 2018, 175, 1243-1254.	4.0	35
44	Neural generators of ERPs linked with Necker cube reversals. <i>Psychophysiology</i> , 2009, 46, 694-702.	1.2	33
45	Neural oscillatory deficits in schizophrenia predict behavioral and neurocognitive impairments. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 371.	1.0	32
46	Bimodal distribution of tone-matching deficits indicates discrete pathophysiological entities within the syndrome of schizophrenia. <i>Translational Psychiatry</i> , 2019, 9, 221.	2.4	28
47	When and where is binocular rivalry resolved in the visual cortex?. <i>Journal of Vision</i> , 2010, 10, 25-25.	0.1	25
48	Early Stages of Figureâ€œGround Segregation during Perception of the Faceâ€œVase. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 880-895.	1.1	19
49	Spatial attention modulates early face processing. <i>Neuropsychologia</i> , 2012, 50, 3461-3468.	0.7	19
50	Neural substrates of perceptual integration during bistable object perception. <i>Journal of Vision</i> , 2013, 13, 17-17.	0.1	18
51	Developmental trajectory of mismatch negativity and visual event-related potentials in healthy controls: Implications for neurodevelopmental vs. neurodegenerative models of schizophrenia. <i>Schizophrenia Research</i> , 2018, 191, 101-108.	1.1	17
52	Neural and functional correlates of impaired reading ability in schizophrenia. <i>Scientific Reports</i> , 2019, 9, 16022.	1.6	15
53	Failure to engage the temporoparietal junction/posterior superior temporal sulcus predicts impaired naturalistic social cognition in schizophrenia. <i>Brain</i> , 2021, 144, 1898-1910.	3.7	14
54	Audition influences color processing in the sound-induced visual flash illusion. <i>Vision Research</i> , 2013, 93, 74-79.	0.7	11

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55	What you see is what you get: visual scanning failures of naturalistic social scenes in schizophrenia. <i>Psychological Medicine</i> , 2021, 51, 2923-2932.	2.7	11
56	Neurophysiological, Oculomotor, and Computational Modeling of Impaired Reading Ability in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2021, 47, 97-107.	2.3	11
57	Deficits in Pre-attentive Processing of Spatial Location and Negative Symptoms in Subjects at Clinical High Risk for Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 629144.	1.3	10
58	Detection of anticentromere antibodies using recombinant human CENP-A protein. <i>Arthritis and Rheumatism</i> , 1996, 39, 863-867.	6.7	9
59	Early psychosis detection program in Chile: A first step for the South American challenge in psychosis research. <i>Microbial Biotechnology</i> , 2019, 13, 328-334.	0.9	8
60	Reply: A few remarks on assessing magnocellular sensitivity in patients with schizophrenia. <i>Brain</i> , 2007, 130, e84-e84.	3.7	7
61	Impaired Fixation-Related Theta Modulation Predicts Reduced Visual Span and Guided Search Deficits in Schizophrenia. <i>Cerebral Cortex</i> , 2020, 30, 2823-2833.	1.6	6
62	Disease-Specific Contribution of Pulvinar Dysfunction to Impaired Emotion Recognition in Schizophrenia. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 787383.	1.0	6
63	Protein blot assays specific for the discrimination of the centromere autoantigen, CENP-A, from human cells. <i>Electrophoresis</i> , 1993, 14, 909-916.	1.3	5
64	Isolation and Comparison of Natural and Recombinant Human CENP-A Autoantigen. <i>Journal of Autoimmunity</i> , 1998, 11, 611-619.	3.0	5
65	Joint Estimation of Effective Brain Wave Activation Modes Using EEG/MEG Sensor Arrays and Multimodal MRI Volumes. <i>Neural Computation</i> , 2018, 30, 1725-1749.	1.3	5
66	Contour Integration. , 2014, , 178-189.		2
67	The Road Not Taken: Disconnection of a Human-Unique Cortical Pathway Underlying Naturalistic Social Perception in Schizophrenia. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 398-408.	1.0	2
68	Electrophysiological and Neuroimaging Approaches to the Study of Visual Attention. , 2005, , 507-513.		1
69	The Neural Basis of Color Binding to an Attended Object. , 2014, , 152-164.		1