

Elena V Orekhova

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,986
citations

361045

20
h-index

360668

35
g-index

45
all docs

45
docs citations

45
times ranked

2152
citing authors

#	ARTICLE	IF	CITATIONS
1	Globally elevated excitationâ€“inhibition ratio in children with autism spectrum disorder and below-average intelligence. <i>Molecular Autism</i> , 2022, 13, 20.	2.6	20
2	Visual gamma oscillations predict sensory sensitivity in females as they do in males. <i>Scientific Reports</i> , 2021, 11, 12013.	1.6	4
3	Spatial suppression in visual motion perception is driven by inhibition: Evidence from MEG gamma oscillations. <i>NeuroImage</i> , 2020, 213, 116753.	2.1	13
4	Additive effect of contrast and velocity suggests the role of strong excitatory drive in suppression of visual gamma response. <i>PLoS ONE</i> , 2020, 15, e0228937.	1.1	5
5	Left hemispheric deficit in the sustained neuromagnetic response to periodic click trains in children with ASD. <i>Molecular Autism</i> , 2020, 11, 100.	2.6	18
6	Title is missing!. , 2020, 15, e0228937.		0
7	Title is missing!. , 2020, 15, e0228937.		0
8	Title is missing!. , 2020, 15, e0228937.		0
9	Title is missing!. , 2020, 15, e0228937.		0
10	Neural gain control measured through cortical gamma oscillations is associated with sensory sensitivity. <i>Human Brain Mapping</i> , 2019, 40, 1583-1593.	1.9	19
11	Functional EEG connectivity in infants associates with later restricted and repetitive behaviours in autism; a replication study. <i>Translational Psychiatry</i> , 2019, 9, 66.	2.4	81
12	Input-dependent modulation of MEG gamma oscillations reflects gain control in the visual cortex. <i>Scientific Reports</i> , 2018, 8, 8451.	1.6	23
13	Abnormal Size-Dependent Modulation of Motion Perception in Children with Autism Spectrum Disorder (ASD). <i>Frontiers in Neuroscience</i> , 2017, 11, 164.	1.4	18
14	Reduced Oblique Effect in Children with Autism Spectrum Disorders (ASD). <i>Frontiers in Neuroscience</i> , 2016, 9, 512.	1.4	13
15	Altered modulation of gamma oscillation frequency by speed of visual motion in children with autism spectrum disorders. <i>Journal of Neurodevelopmental Disorders</i> , 2015, 7, 21.	1.5	25
16	Frequency of gamma oscillations in humans is modulated by velocity of visual motion. <i>Journal of Neurophysiology</i> , 2015, 114, 244-255.	0.9	40
17	EEG hyper-connectivity in high-risk infants is associated with later autism. <i>Journal of Neurodevelopmental Disorders</i> , 2014, 6, 40.	1.5	163
18	Arousal and attention re-orienting in autism spectrum disorders: evidence from auditory event-related potentials. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 34.	1.0	80

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19	Auditory Magnetic Response to Clicks in Children and Adults: Its Components, Hemispheric Lateralization and Repetition Suppression Effect. <i>Brain Topography</i> , 2013, 26, 410-427.	0.8	29
20	Abnormal Pre-Attentive Arousal in Young Children with Autism Spectrum Disorder Contributes to Their Atypical Auditory Behavior: An ERP Study. <i>PLoS ONE</i> , 2013, 8, e69100.	1.1	45
21	Developmental Continuity in the Capacity of Working Memory from Infancy to Preschool Age. <i>Neuroscience and Behavioral Physiology</i> , 2012, 42, 692-699.	0.2	4
22	High-frequency oscillatory response to illusory contour in typically developing boys and boys with autism spectrum disorders. <i>Cortex</i> , 2012, 48, 701-717.	1.1	64
23	Disconnectivity of the cortical ocular motor control network in autism spectrum disorders. <i>NeuroImage</i> , 2012, 61, 1226-1234.	2.1	33
24	Auditory Cortex Responses to Clicks and Sensory Modulation Difficulties in Children with Autism Spectrum Disorders (ASD). <i>PLoS ONE</i> , 2012, 7, e39906.	1.1	47
25	Unraveling superimposed EEG rhythms with multi-dimensional decomposition. <i>Journal of Neuroscience Methods</i> , 2011, 195, 47-60.	1.3	10
26	The right hemisphere fails to respond to temporal novelty in autism: Evidence from an ERP study. <i>Clinical Neurophysiology</i> , 2009, 120, 520-529.	0.7	54
27	The nature of individual differences in EEG parameters during homogeneous visual field in 5- and 6-year-old twins: A pilot study. <i>Clinical Neurophysiology</i> , 2009, 120, 1492-1500.	0.7	3
28	Sensory gating in young children with autism: Relation to age, IQ, and EEG gamma oscillations. <i>Neuroscience Letters</i> , 2008, 434, 218-223.	1.0	150
29	Inverted event-related potentials response to illusory contour in boys with autism. <i>NeuroReport</i> , 2007, 18, 931-935.	0.6	26
30	Abnormal EEG lateralization in boys with autism. <i>Clinical Neurophysiology</i> , 2007, 118, 1842-1854.	0.7	110
31	Excess of High Frequency Electroencephalogram Oscillations in Boys with Autism. <i>Biological Psychiatry</i> , 2007, 62, 1022-1029.	0.7	252
32	EEG theta rhythm in infants and preschool children. <i>Clinical Neurophysiology</i> , 2006, 117, 1047-1062.	0.7	154
33	Age-related and individual differences in the performance of a delayed response task (the A-not-B task) in infant twins aged 7?12 months. <i>Neuroscience and Behavioral Physiology</i> , 2005, 35, 481-490.	0.2	6
34	Heritability and "environmentability" of electroencephalogram in infants: The twin study. <i>Psychophysiology</i> , 2003, 40, 727-741.	1.2	20
35	Modification of the Average Reference Montage. <i>Journal of Clinical Neurophysiology</i> , 2002, 19, 209-218.	0.9	9
36	Alpha activity as an index of cortical inhibition during sustained internally controlled attention in infants. <i>Clinical Neurophysiology</i> , 2001, 112, 740-749.	0.7	79

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37	Theta synchronization during sustained anticipatory attention in infants over the second half of the first year of life. <i>International Journal of Psychophysiology</i> , 1999, 32, 151-172.	0.5	93
38	EEG alpha rhythm in infants. <i>Clinical Neurophysiology</i> , 1999, 110, 997-1012.	0.7	190
39	Externally and internally controlled attention in infants: an EEG study. <i>International Journal of Psychophysiology</i> , 1998, 30, 339-351.	0.5	44