

Ana Solodkin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6401431/publications.pdf>

Version: 2024-02-01

68
papers

6,230
citations

87888

38
h-index

110387

64
g-index

75
all docs

75
docs citations

75
times ranked

7399
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain simulation augments machineâ€learningâ€based classification of dementia. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2022, 8, .	3.7	10
2	Bridging Scales in Alzheimer's Disease: Biological Framework for Brain Simulation With The Virtual Brain. Frontiers in Neuroinformatics, 2021, 15, 630172.	2.5	20
3	One season of head-to-ball impact exposure alters functional connectivity in a central autonomic network. NeuroImage, 2020, 223, 117306.	4.2	11
4	Heritability of Structural Patterning in the Human Cerebral Cortex. NeuroImage, 2020, 221, 117169.	4.2	7
5	Linking Molecular Pathways and Large-Scale Computational Modeling to Assess Candidate Disease Mechanisms and Pharmacodynamics in Alzheimer's Disease. Frontiers in Computational Neuroscience, 2019, 13, 54.	2.1	83
6	Determinants of structural segregation and patterning in the human cortex. NeuroImage, 2019, 196, 248-260.	4.2	2
7	Network specialization during adolescence: Hippocampal effective connectivity in boys and girls. NeuroImage, 2018, 175, 402-412.	4.2	18
8	Differentiation of Alzheimer's disease based on local and global parameters in personalized Virtual Brain models. NeuroImage: Clinical, 2018, 19, 240-251.	2.7	69
9	Neurological Biomarkers and Neuroinformatics. , 2018, , 3-30.		5
10	Mapping complementary features of crossâ€species structural connectivity to construct realistic â€Virtual Brainsâ€. Human Brain Mapping, 2017, 38, 2080-2093.	3.6	22
11	Analysis of longitudinal diffusion-weighted images in healthy and pathological aging: An ADNI study. Journal of Neuroscience Methods, 2017, 278, 101-115.	2.5	10
12	Functional Mechanisms of Recovery after Chronic Stroke: Modeling with the Virtual Brain. ENeuro, 2016, 3, ENEURO.0158-15.2016.	1.9	61
13	A new neuroinformatics approach to personalized medicine in neurology: The Virtual Brain. Current Opinion in Neurology, 2016, 29, 429-436.	3.6	47
14	Utility of EEG measures of brain function in patients with acute stroke. Journal of Neurophysiology, 2016, 115, 2399-2405.	1.8	90
15	MRI uncovers disrupted hippocampal microstructure that underlies memory impairments after earlyâ€life adversity. Hippocampus, 2016, 26, 1618-1632.	1.9	88
16	The Virtual Brain: Modeling Biological Correlates of Recovery after Chronic Stroke. Frontiers in Neurology, 2015, 6, 228.	2.4	48
17	TVB-EduPackâ€An Interactive Learning and Scripting Platform for The Virtual Brain. Frontiers in Neuroinformatics, 2015, 9, 27.	2.5	7
18	Computational Modeling of Resting-State Activity Demonstrates Markers of Normalcy in Children with Prenatal or Perinatal Stroke. Journal of Neuroscience, 2015, 35, 8914-8924.	3.6	26

#	ARTICLE	IF	CITATIONS
19	Spinocerebellar atrophies. , 2015, , 363-384.		0
20	Abstract W P387: Neurological Correlates Of Brain Function After Acute Stroke--A Dense Array EEG Study. Stroke, 2015, 46, .	2.0	0
21	Preferential loss of dorsal-hippocampus synapses underlies memory impairments provoked by short, multimodal stress. Molecular Psychiatry, 2014, 19, 811-822.	7.9	96
22	Prevention of Post-Stroke Generalized Anxiety Disorder, Using Escitalopram or Problem-Solving Therapy. Journal of Neuropsychiatry and Clinical Neurosciences, 2014, 26, 323-328.	1.8	36
23	Abstract T P116: Increased Maintenance of Motor Gains Following a Novel Stroke Therapy. Stroke, 2014, 45, .	2.0	0
24	Brain repair after strokeâ€”a novel neurological model. Nature Reviews Neurology, 2013, 9, 698-707.	10.1	69
25	Brain function overlaps when people observe emblems, speech, and grasping. Neuropsychologia, 2013, 51, 1619-1629.	1.6	57
26	Prevention of Poststroke Apathy Using Escitalopram or Problem-Solving Therapy. American Journal of Geriatric Psychiatry, 2013, 21, 855-862.	1.2	33
27	Interhemispheric Functional Connectivity following Prenatal or Perinatal Brain Injury Predicts Receptive Language Outcome. Journal of Neuroscience, 2013, 33, 5612-5625.	3.6	27
28	In vivo parahippocampal white matter pathology as a biomarker of disease progression to Alzheimer's disease. Journal of Comparative Neurology, 2013, 521, 4300-4317.	1.6	27
29	Fragmentation and Unpredictability of Early-Life Experience in Mental Disorders. American Journal of Psychiatry, 2012, 169, 907-915.	7.2	202
30	Spinocerebellar ataxia type 6. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 103, 461-473.	1.8	121
31	A Network Model of Observation and Imitation of Speech. Frontiers in Psychology, 2012, 3, 84.	2.1	25
32	The mirror neuron system and treatment of stroke. Developmental Psychobiology, 2012, 54, 293-310.	1.6	122
33	Development of white matter pathways in typically developing preadolescent children. Brain Research, 2012, 1466, 33-43.	2.2	30
34	Gesture in the developing brain. Developmental Science, 2012, 15, 165-180.	2.4	48
35	Increased Frequency of First-Episode Poststroke Depression After Discontinuation of Escitalopram. Stroke, 2011, 42, 3281-3283.	2.0	29
36	Loss of Intrinsic Organization of Cerebellar Networks in Spinocerebellar Ataxia Type 1: Correlates with Disease Severity and Duration. Cerebellum, 2011, 10, 218-232.	2.5	30

#	ARTICLE	IF	CITATIONS
37	Neural development of networks for audiovisual speech comprehension. <i>Brain and Language</i> , 2010, 114, 101-114.	1.6	109
38	Left hemisphere regions are critical for language in the face of early left focal brain injury. <i>Brain</i> , 2010, 133, 1707-1716.	7.6	95
39	Imaging motor imagery: Methodological issues related to expertise. <i>Methods</i> , 2008, 45, 336-341.	3.8	71
40	Network activation during bimanual movements in humans. <i>NeuroImage</i> , 2008, 43, 540-553.	4.2	67
41	Escitalopram and Problem-Solving Therapy for Prevention of Poststroke Depression. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 2391.	7.4	312
42	Age-related connectivity changes in fMRI data from children listening to stories. <i>NeuroImage</i> , 2007, 34, 349-360.	4.2	139
43	The mind of expert motor performance is cool and focused. <i>NeuroImage</i> , 2007, 35, 804-813.	4.2	267
44	Action observation has a positive impact on rehabilitation of motor deficits after stroke. <i>NeuroImage</i> , 2007, 36, T164-T173.	4.2	536
45	Changes in the amplitude and timing of the hemodynamic response associated with prepulse inhibition of acoustic startle. <i>NeuroImage</i> , 2006, 32, 1375-1384.	4.2	15
46	Complex Motor Function in Humans: Validating and Extending the Postulates of Alexandr R. Luria. <i>Cognitive and Behavioral Neurology</i> , 2006, 19, 11-20.	0.9	9
47	Functions of the Mirror Neuron System: Implications for Neurorehabilitation. <i>Cognitive and Behavioral Neurology</i> , 2006, 19, 55-63.	0.9	265
48	Pathology of the Insular Cortex in Alzheimer Disease Depends on Cortical Architecture. <i>Journal of Neuropathology and Experimental Neurology</i> , 2005, 64, 910-922.	1.7	87
49	Fine Modulation in Network Activation during Motor Execution and Motor Imagery. <i>Cerebral Cortex</i> , 2004, 14, 1246-1255.	2.9	470
50	Cortical Plasticity During Three-Week Motor Skill Learning. <i>Journal of Clinical Neurophysiology</i> , 2004, 21, 180-191.	1.7	77
51	On the Road to Automatic: Dynamic Aspects in the Development of Expertise. <i>Journal of Clinical Neurophysiology</i> , 2004, 21, 134-143.	1.7	83
52	Cerebellar hemispheric activation ipsilateral to the paretic hand correlates with functional recovery after stroke. <i>Brain</i> , 2002, 125, 1544-1557.	7.6	230
53	Functional Lateralization of the Human Premotor Cortex during Sequential Movements. <i>Brain and Cognition</i> , 2002, 49, 54-62.	1.8	47
54	Lateralization of motor circuits and handedness during finger movements. <i>European Journal of Neurology</i> , 2001, 8, 425-434.	3.3	185

#	ARTICLE	IF	CITATIONS
55	Somatotopy in Human Primary Motor and Somatosensory Hand Representations Revisited. <i>Cerebral Cortex</i> , 2001, 11, 312-321.	2.9	199
56	Review : The Neurobiology of Stroke Rehabilitation. <i>Neuroscientist</i> , 1998, 4, 426-434.	3.5	7
57	Autosomal dominant dementia with widespread neurofibrillary tangles. <i>Annals of Neurology</i> , 1997, 42, 564-572.	5.3	187
58	Noxious colorectal distention induced-c-Fos protein in limbic brain structures in the rat. <i>Neuroscience Letters</i> , 1996, 215, 165-168.	2.1	115
59	Contingent Vulnerability of Entorhinal Parvalbumin-Containing Neurons in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 1996, 16, 3311-3321.	3.6	79
60	Entorhinal cortex modules of the human brain. <i>Journal of Comparative Neurology</i> , 1996, 365, 610-627.	1.6	351
61	Spinal cord NADPH-diaphorase histochemical staining but not nitric oxide synthase immunoreactivity increases following carrageenan-produced hindpaw inflammation in the rat. <i>Brain Research</i> , 1994, 668, 204-210.	2.2	57
62	NADPH-diaphorase histochemistry provides evidence for a bilateral, somatotopically inappropriate response to unilateral hindpaw inflammation in the rat. <i>Brain Research</i> , 1994, 647, 113-123.	2.2	44
63	Cellular and Systems Neuroanatomical Changes in Alzheimer's Disease. <i>Annals of the New York Academy of Sciences</i> , 1994, 747, 12-35.	3.8	39
64	Some Modular Features of Temporal Cortex in Humans as Revealed by Pathological Changes in Alzheimer's Disease. <i>Cerebral Cortex</i> , 1993, 3, 465-475.	2.9	70
65	Unilateral hindpaw inflammation produces a bilateral increase in NADPH-diaphorase histochemical staining in the rat lumbar spinal cord. <i>Neuroscience</i> , 1992, 51, 495-499.	2.3	107
66	Dynorphin expression and Fos-like immunoreactivity following inflammation induced hyperalgesia are colocalized in spinal cord neurons. <i>Molecular Brain Research</i> , 1991, 10, 227-233.	2.3	223
67	Calcitonin gene-related peptide immunoreactivity in the cat lumbosacral spinal cord and the effects of multiple dorsal rhizotomies. <i>Journal of Comparative Neurology</i> , 1989, 287, 225-237.	1.6	91
68	The Anatomy and Physiology of the Motor System in Humans. , 0, , 507-539.		3