Joyce Sprock

List of Publications by Year in descending order

55 papers	2,440 citations	236833 25 h-index	206029 48 g-index
55 all docs	55 docs citations	55 times ranked	2598 citing authors

#	Article	IF	Citations
1	The viability of the frequency following response characteristics for use as biomarkers of cognitive therapeutics in schizophrenia. Schizophrenia Research, 2022, 243, 372-382.	1.1	7
2	Highâ€power gammaâ€related delta phase alteration in schizophrenia patients at rest. Psychiatry and Clinical Neurosciences, 2022, 76, 179-186.	1.0	6
3	Amphetamine alters an EEG marker of reward processing in humans and mice. Psychopharmacology, 2022, 239, 923-933.	1.5	13
4	Hierarchical Pathways from Sensory Processing to Cognitive, Clinical, and Functional Impairments in Schizophrenia. Schizophrenia Bulletin, 2021, 47, 373-385.	2.3	46
5	Unique contributions of sensory discrimination and gamma synchronization deficits to cognitive, clinical, and psychosocial functional impairments in schizophrenia. Schizophrenia Research, 2021, 228, 280-287.	1.1	25
6	Source decomposition of the frontocentral auditory steadyâ€state gamma band response in schizophrenia patients and healthy subjects. Psychiatry and Clinical Neurosciences, 2021, 75, 172-179.	1.0	10
7	Sources of the frontocentral mismatch negativity and P3a responses in schizophrenia patients and healthy comparison subjects. International Journal of Psychophysiology, 2021, 161, 76-85.	0.5	6
8	Neural network dynamics underlying gamma synchronization deficits in schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 107, 110224.	2.5	17
9	Abnormal phase discontinuity of alpha- and theta-frequency oscillations in schizophrenia. Schizophrenia Research, 2021, 231, 73-81.	1.1	8
10	Anticholinergic Medication Burdenâ€“Associated Cognitive Impairment in Schizophrenia. American Journal of Psychiatry, 2021, 178, 838-847.	4.0	80
11	Central auditory processing deficits in schizophrenia: Effects of auditory-based cognitive training. Schizophrenia Research, 2021, 236, 135-141.	1.1	9
12	Using Biomarkers to Predict Memantine Effects in Alzheimerâ€™s Disease: A Proposal and Proof-Of-Concept Demonstration. Journal of Alzheimer's Disease, 2021, 84, 1431-1438.	1.2	3
13	Evaluation of the frequency following response as a predictive biomarker of response to cognitive training in schizophrenia. Psychiatry Research, 2021, 305, 114239.	1.7	4
14	Oscillatory biomarkers of early auditory information processing predict cognitive gains following targeted cognitive training in schizophrenia patients. Schizophrenia Research, 2020, 215, 97-104.	1.1	13
15	Abnormal Spontaneous Gamma Power Is Associated With Verbal Learning and Memory Dysfunction in Schizophrenia. Frontiers in Psychiatry, 2020, 11, 832.	1.3	31
16	Gamma oscillations predict pro-cognitive and clinical response to auditory-based cognitive training in schizophrenia. Translational Psychiatry, 2020, 10, 405.	2.4	35
17	Heritability of acoustic startle magnitude and latency from the consortium on the genetics of schizophrenia. Schizophrenia Research, 2020, 224, 33-39.	1.1	3
18	A distributed frontotemporal network underlies gamma-band synchronization impairments in schizophrenia patients. Neuropsychopharmacology, 2020, 45, 2198-2206.	2.8	29

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19	Neurophysiologic Characterization of Resting State Connectivity Abnormalities in Schizophrenia Patients. Frontiers in Psychiatry, 2020, 11, 608154.	1.3	10
20	The effects of age and sex on cognitive impairment in schizophrenia: Findings from the Consortium on the Genetics of Schizophrenia (COGS) study. PLoS ONE, 2020, 15, e0232855.	1.1	21
21	Abnormal Effective Connectivity Underlying Auditory Mismatch Negativity Impairments in Schizophrenia. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 1028-1039.	1.1	11
22	Auditory-Based Cognitive Training Drives Short- and Long-Term Plasticity in Cortical Networks in Schizophrenia. Schizophrenia Bulletin Open, 2020, 1, .	0.9	5
23	Title is missing!. , 2020, 15, e0232855.		0
24	Title is missing!. , 2020, 15, e0232855.		0
25	Title is missing!. , 2020, 15, e0232855.		0
26	Title is missing!. , 2020, 15, e0232855.		0
27	Divergence of subjective and performance-based cognitive gains following cognitive training in schizophrenia. Schizophrenia Research, 2019, 210, 215-220.	1.1	8
28	Verbal learning deficits associated with increased anticholinergic burden are attenuated with targeted cognitive training in treatment refractory schizophrenia patients. Schizophrenia Research, 2019, 208, 384-389.	1.1	21
29	Neurophysiologic measures of target engagement predict response to auditory-based cognitive training in treatment refractory schizophrenia. Neuropsychopharmacology, 2019, 44, 606-612.	2.8	47
30	Deficient prepulse inhibition in schizophrenia in a multi-site cohort: Internal replication and extension. Schizophrenia Research, 2018, 198, 6-15.	1.1	52
31	Mismatch negativity impairment is associated with deficits in identifying real-world environmental sounds in schizophrenia. Schizophrenia Research, 2018, 191, 5-9.	1.1	22
32	Computerized cognitive training is associated with improved psychosocial treatment engagement in schizophrenia. Schizophrenia Research, 2018, 202, 341-346.	1.1	13
33	Targeted cognitive training improves auditory and verbal outcomes among treatment refractory schizophrenia patients mandated to residential care. Schizophrenia Research, 2018, 202, 378-384.	1.1	36
34	Modeling Deficits From Early Auditory Information Processing to Psychosocial Functioning in Schizophrenia. JAMA Psychiatry, 2017, 74, 37.	6.0	163
35	Prioritizing schizophrenia endophenotypes for future genetic studies: An example using data from the COGS-1 family study. Schizophrenia Research, 2016, 174, 1-9.	1.1	13
36	Attention/vigilance in schizophrenia: Performance results from a large multi-site study of the Consortium on the Genetics of Schizophrenia (COGS). Schizophrenia Research, 2015, 163, 38-46.	1.1	62

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37	Neurocognitive performance in family-based and case-control studies of schizophrenia. Schizophrenia Research, 2015, 163, 17-23.	1.1	37
38	Validation of mismatch negativity and P3a for use in multi-site studies of schizophrenia: Characterization of demographic, clinical, cognitive, and functional correlates in COGS-2. Schizophrenia Research, 2015, 163, 63-72.	1.1	154
39	Factor structure and heritability of endophenotypes in schizophrenia: Findings from the Consortium on the Genetics of Schizophrenia (COGS-1). Schizophrenia Research, 2015, 163, 73-79.	1.1	52
40	California Verbal Learning Test-II performance in schizophrenia as a function of ascertainment strategy: Comparing the first and second phases of the Consortium on the Genetics of Schizophrenia (COGS). Schizophrenia Research, 2015, 163, 32-37.	1.1	12
41	Verbal working memory in schizophrenia from the Consortium on the Genetics of Schizophrenia (COGS) Study: The moderating role of smoking status and antipsychotic medications. Schizophrenia Research, 2015, 163, 24-31.	1.1	26
42	The utility of P300 as a schizophrenia endophenotype and predictive biomarker: Clinical and socio-demographic modulators in COGS-2. Schizophrenia Research, 2015, 163, 53-62.	1.1	87
43	Comparison of the Heritability of Schizophrenia and Endophenotypes in the COGS-1 Family Study. Schizophrenia Bulletin, 2014, 40, 1404-1411.	2.3	34
44	Deficient prepulse inhibition in schizophrenia detected by the multi-site COGS. Schizophrenia Research, 2014, 152, 503-512.	1.1	91
45	Paternal age of schizophrenia probands and endophenotypic differences from unaffected siblings. Psychiatry Research, 2014, 219, 67-71.	1.7	2
46	Is There an Association between Advanced Paternal Age and Endophenotype Deficit Levels in Schizophrenia?. PLoS ONE, 2014, 9, e88379.	1.1	11
47	Neural substrates of normal and impaired preattentive sensory discrimination in large cohorts of nonpsychiatric subjects and schizophrenia patients as indexed by MMN and P3a change detection responses. NeuroImage, 2013, 66, 594-603.	2.1	84
48	Characterization of Neurophysiologic and Neurocognitive Biomarkers for Use in Genomic and Clinical Outcome Studies of Schizophrenia. PLoS ONE, 2012, 7, e39434.	1.1	159
49	The relationship between preattentive sensory processing deficits and age in schizophrenia patients. Clinical Neurophysiology, 2009, 120, 1949-1957.	0.7	94
50	Effects of olanzapine, risperidone and haloperidol on prepulse inhibition in schizophrenia patients: A double-blind, randomized controlled trial. Schizophrenia Research, 2007, 95, 134-142.	1.1	70
51	Multi-site studies of acoustic startle and prepulse inhibition in humans: Initial experience and methodological considerations based on studies by the Consortium on the Genetics of Schizophrenia. Schizophrenia Research, 2007, 92, 237-251.	1.1	61
52	Startle Gating Deficits in a Large Cohort of Patients With Schizophrenia. Archives of General Psychiatry, 2006, 63, 1325-35.	13.8	305
53	Prepulse-elicited motor reactions do not differ between schizophrenia patients and control subjects.. Behavioral Neuroscience, 2006, 120, 224-227.	0.6	10
54	Female schizophrenia patients have prepulse inhibition deficits. Biological Psychiatry, 2005, 57, 817-820.	0.7	65

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55	Impact of prepulse characteristics on the detection of sensorimotor gating deficits in schizophrenia. Schizophrenia Research, 2001, 49, 171-178.	1.1	257