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	Startle Gating Deficits in a Large Cohort of Patients With Schizophrenia. Archives of General Psychiatry, 2006, 63, 1325-35.	13.8	305
2	Impact of prepulse characteristics on the detection of sensorimotor gating deficits in schizophrenia. Schizophrenia Research, 2001, 49, 171-178.	1.1	257
3	Modeling Deficits From Early Auditory Information Processing to Psychosocial Functioning in Schizophrenia. JAMA Psychiatry, 2017, 74, 37.	6.0	163
4	Characterization of Neurophysiologic and Neurocognitive Biomarkers for Use in Genomic and Clinical Outcome Studies of Schizophrenia. PLoS ONE, 2012, 7, e39434.	1.1	159
5	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
6	The relationship between preattentive sensory processing deficits and age in schizophrenia patients. Clinical Neurophysiology, 2009, 120, 1949-1957.	0.7	94
7	Deficient prepulse inhibition in schizophrenia detected by the multi-site COGS. Schizophrenia Research, 2014, 152, 503-512.	1.1	91
8	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
9	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
10	Anticholinergic Medication Burden–Associated Cognitive Impairment in Schizophrenia. American Journal of Psychiatry, 2021, 178, 838-847.	4.0	80
11	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
12	Female schizophrenia patients have prepulse inhibition deficits. Biological Psychiatry, 2005, 57, 817-820.	0.7	65
13	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
14	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
15	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
16	Deficient prepulse inhibition in schizophrenia in a multi-site cohort: Internal replication and extension. Schizophrenia Research, 2018, 198, 6-15.	1.1	52
17	Neurophysiologic measures of target engagement predict response to auditory-based cognitive training in treatment refractory schizophrenia. Neuropsychopharmacology, 2019, 44, 606-612.	2.8	47
18	Hierarchical Pathways from Sensory Processing to Cognitive, Clinical, and Functional Impairments in Schizophrenia. Schizophrenia Bulletin, 2021, 47, 373-385.	2.3	46

#	Article	IF	Citations
19	Neurocognitive performance in family-based and case-control studies of schizophrenia. Schizophrenia Research, 2015, 163, 17-23.	1.1	37
20	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
21	Gamma oscillations predict pro-cognitive and clinical response to auditory-based cognitive training in schizophrenia. Translational Psychiatry, 2020, 10, 405.	2.4	35
22	Comparison of the Heritability of Schizophrenia and Endophenotypes in the COGS-1 Family Study. Schizophrenia Bulletin, 2014, 40, 1404-1411.	2.3	34
23	Abnormal Spontaneous Gamma Power Is Associated With Verbal Learning and Memory Dysfunction in Schizophrenia. Frontiers in Psychiatry, 2020, 11, 832.	1.3	31
24	A distributed frontotemporal network underlies gamma-band synchronization impairments in schizophrenia patients. Neuropsychopharmacology, 2020, 45, 2198-2206.	2.8	29
25	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
26	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
27	Mismatch negativity impairment is associated with deficits in identifying real-world environmental sounds in schizophrenia. Schizophrenia Research, 2018, 191, 5-9.	1.1	22
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	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
30	Neural network dynamics underlying gamma synchronization deficits in schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 107, 110224.	2.5	17
31	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
32	Computerized cognitive training is associated with improved psychosocial treatment engagement in schizophrenia. Schizophrenia Research, 2018, 202, 341-346.	1.1	13
33	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
34	Amphetamine alters an EEG marker of reward processing in humans and mice. Psychopharmacology, 2022, 239, 923-933.	1.5	13
35	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
36	Abnormal Effective Connectivity Underlying Auditory Mismatch Negativity Impairments in Schizophrenia. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 1028-1039.	1.1	11

#	ARTICLE	IF	CITATIONS
37	Is There an Association between Advanced Paternal Age and Endophenotype Deficit Levels in Schizophrenia?. PLoS ONE, 2014, 9, e88379.	1.1	11
38	Prepulse-elicited motor reactions do not differ between schizophrenia patients and control subjects.. Behavioral Neuroscience, 2006, 120, 224-227.	0.6	10
39	Neurophysiologic Characterization of Resting State Connectivity Abnormalities in Schizophrenia Patients. Frontiers in Psychiatry, 2020, 11, 608154.	1.3	10
40	Source decomposition of the frontocentral auditory steady‐state gamma band response in schizophrenia patients and healthy subjects. Psychiatry and Clinical Neurosciences, 2021, 75, 172-179.	1.0	10
41	Central auditory processing deficits in schizophrenia: Effects of auditory-based cognitive training. Schizophrenia Research, 2021, 236, 135-141.	1.1	9
42	Divergence of subjective and performance-based cognitive gains following cognitive training in schizophrenia. Schizophrenia Research, 2019, 210, 215-220.	1.1	8
43	Abnormal phase discontinuity of alpha- and theta-frequency oscillations in schizophrenia. Schizophrenia Research, 2021, 231, 73-81.	1.1	8
44	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
45	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
46	High‐power gamma‐related delta phase alteration in schizophrenia patients at rest. Psychiatry and Clinical Neurosciences, 2022, 76, 179-186.	1.0	6
47	Auditory-Based Cognitive Training Drives Short- and Long-Term Plasticity in Cortical Networks in Schizophrenia. Schizophrenia Bulletin Open, 2020, 1, .	0.9	5
48	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
49	Heritability of acoustic startle magnitude and latency from the consortium on the genetics of schizophrenia. Schizophrenia Research, 2020, 224, 33-39.	1.1	3
50	Using Biomarkers to Predict Memantine Effects in Alzheimer's Disease: A Proposal and Proof-Of-Concept Demonstration. Journal of Alzheimer's Disease, 2021, 84, 1431-1438.	1.2	3
51	Paternal age of schizophrenia probands and endophenotypic differences from unaffected siblings. Psychiatry Research, 2014, 219, 67-71.	1.7	2
52	Title is missing!. , 2020, 15, e0232855.		0
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