

# Gregory A Light

## List of Publications by Citations

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162  
papers

8,438  
citations

52  
h-index

89  
g-index

190  
ext. papers

10,034  
ext. citations

5.2  
avg. IF

5.99  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 162 | Neurophysiological endophenotypes of schizophrenia: the viability of selected candidate measures. <i>Schizophrenia Bulletin</i> , <b>2007</b> , 33, 69-94   | 1.3  | 436       |
| 161 | Realistic expectations of prepulse inhibition in translational models for schizophrenia research. <i>Psychopharmacology</i> , <b>2008</b> , 199, 331-88   | 4.7  | 412       |
| 160 | Spatial and temporal mapping of de novo mutations in schizophrenia to a fetal prefrontal cortical network. <i>Cell</i> , <b>2013</b> , 154, 518-29  | 56.2 | 406       |
| 159 | Initial heritability analyses of endophenotypic measures for schizophrenia: the consortium on the genetics of schizophrenia. <i>Archives of General Psychiatry</i> , <b>2007</b> , 64, 1242-50                                  |      | 326       |
| 158 | Mismatch negativity deficits are associated with poor functioning in schizophrenia patients. <i>Archives of General Psychiatry</i> , <b>2005</b> , 62, 127-36   |      | 315       |
| 157 | Gamma band oscillations reveal neural network cortical coherence dysfunction in schizophrenia patients. <i>Biological Psychiatry</i> , <b>2006</b> , 60, 1231-40  | 7.9  | 306       |
| 156 | Startle gating deficits in a large cohort of patients with schizophrenia: relationship to medications, symptoms, neurocognition, and level of function. <i>Archives of General Psychiatry</i> , <b>2006</b> , 63, 1325-35       |      | 276       |
| 155 | Impact of prepulse characteristics on the detection of sensorimotor gating deficits in schizophrenia. <i>Schizophrenia Research</i> , <b>2001</b> , 49, 171-8   | 3.6  | 235       |
| 154 | Analysis of 94 candidate genes and 12 endophenotypes for schizophrenia from the Consortium on the Genetics of Schizophrenia. <i>American Journal of Psychiatry</i> , <b>2011</b> , 168, 930-46                                  | 11.9 | 201       |
| 153 | Preattentive and attentional cognitive deficits as targets for treating schizophrenia. <i>Psychopharmacology</i> , <b>2004</b> , 174, 75-85   | 4.7  | 159       |
| 152 | Stability of mismatch negativity deficits and their relationship to functional impairments in chronic schizophrenia. <i>American Journal of Psychiatry</i> , <b>2005</b> , 162, 1741-3  | 11.9 | 148       |
| 151 | Characterization of neurophysiologic and neurocognitive biomarkers for use in genomic and clinical outcome studies of schizophrenia. <i>PLoS ONE</i> , <b>2012</b> , 7, e39434  | 3.7  | 140       |
| 150 | Preattentive sensory processing as indexed by the MMN and P3a brain responses is associated with cognitive and psychosocial functioning in healthy adults. <i>Journal of Cognitive Neuroscience</i> , <b>2007</b> , 19, 1624-32 | 3.1  | 135       |
| 149 | The 5-choice continuous performance test: evidence for a translational test of vigilance for mice. <i>PLoS ONE</i> , <b>2009</b> , 4, e4227   | 3.7  | 132       |
| 148 | Modeling Deficits From Early Auditory Information Processing to Psychosocial Functioning in Schizophrenia. <i>JAMA Psychiatry</i> , <b>2017</b> , 74, 37-46   | 14.5 | 127       |
| 147 | The Consortium on the Genetics of Endophenotypes in Schizophrenia: model recruitment, assessment, and endophenotyping methods for a multisite collaboration. <i>Schizophrenia Bulletin</i> , <b>2007</b> , 33, 33-48            | 1.3  | 123       |
| 146 | Hierarchical organization of gamma and theta oscillatory dynamics in schizophrenia. <i>Biological Psychiatry</i> , <b>2012</b> , 71, 873-80   | 7.9  | 120       |

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| 145 | 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. <i>Schizophrenia Research</i> , <b>2015</b> , 163, 63-72 | 3.6  | 116 |
| 144 | The use of neurophysiological endophenotypes to understand the genetic basis of schizophrenia. <i>Dialogues in Clinical Neuroscience</i> , <b>2005</b> , 7, 125-35  | 5.7  | 114 |
| 143 | Genome-wide linkage analyses of 12 endophenotypes for schizophrenia from the Consortium on the Genetics of Schizophrenia. <i>American Journal of Psychiatry</i> , <b>2013</b> , 170, 521-32   | 11.9 | 105 |
| 142 | Association analysis of 94 candidate genes and schizophrenia-related endophenotypes. <i>PLoS ONE</i> , <b>2012</b> , 7, e29630  | 3.7  | 104 |
| 141 | Abnormal auditory N100 amplitude: a heritable endophenotype in first-degree relatives of schizophrenia probands. <i>Biological Psychiatry</i> , <b>2008</b> , 64, 1051-9  | 7.9  | 101 |
| 140 | Human and animal studies of schizophrenia-related gating deficits. <i>Current Psychiatry Reports</i> , <b>1999</b> , 1, 31-40   | 9.1  | 98  |
| 139 | Amphetamine disrupts P50 suppression in normal subjects. <i>Biological Psychiatry</i> , <b>1999</b> , 46, 990-6   | 7.9  | 98  |
| 138 | Sensitization and habituation of the acoustic startle reflex in patients with schizophrenia. <i>Psychiatry Research</i> , <b>2004</b> , 126, 51-61  | 9.9  | 97  |
| 137 | Future clinical uses of neurophysiological biomarkers to predict and monitor treatment response for schizophrenia. <i>Annals of the New York Academy of Sciences</i> , <b>2015</b> , 1344, 105-19   | 6.5  | 96  |
| 136 | Cognitive, neurophysiological, and functional correlates of proverb interpretation abnormalities in schizophrenia. <i>Journal of the International Neuropsychological Society</i> , <b>2007</b> , 13, 653-63                                  | 3.1  | 96  |
| 135 | Reduced multisensory integration in patients with schizophrenia on a target detection task. <i>Neuropsychologia</i> , <b>2010</b> , 48, 3128-36   | 3.2  | 93  |
| 134 | Visual masking as a probe for abnormal gamma range activity in schizophrenia. <i>Biological Psychiatry</i> , <b>2003</b> , 53, 1113-9   | 7.9  | 90  |
| 133 | Verbal working memory impairments in individuals with schizophrenia and their first-degree relatives: findings from the Consortium on the Genetics of Schizophrenia. <i>Schizophrenia Research</i> , <b>2008</b> , 103, 218-28                | 3.6  | 89  |
| 132 | The relationship between preattentive sensory processing deficits and age in schizophrenia patients. <i>Clinical Neurophysiology</i> , <b>2009</b> , 120, 1949-1957   | 4.3  | 82  |
| 131 | Mismatch negativity is a breakthrough biomarker for understanding and treating psychotic disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 15175-6                       | 11.5 | 81  |
| 130 | Inhibition of the P50 cerebral evoked response to repeated auditory stimuli: results from the Consortium on Genetics of Schizophrenia. <i>Schizophrenia Research</i> , <b>2010</b> , 119, 175-82  | 3.6  | 79  |
| 129 | Prepulse inhibition and P50 suppression are both deficient but not correlated in schizophrenia patients. <i>Biological Psychiatry</i> , <b>2007</b> , 61, 1204-7  | 7.9  | 79  |
| 128 | O10.2. DEFICIENT VISUAL ODDBALL STIMULUS PROCESSING PREDICTS PSYCHOSIS ONSET: RESULTS FROM THE NORTH AMERICAN PRODROME LONGITUDINAL STUDY. <i>Schizophrenia Bulletin</i> , <b>2020</b> , 46, S24-S25  | 1.3  | 78  |

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| 127 | SA34. Schizophrenia Patients May Invest Suboptimal Effort due to Poor Performance Insight. <i>Schizophrenia Bulletin</i> , <b>2017</b> , 43, S125-S125   | 1.3  | 78 |
| 126 | 80. Auditory Target Processing Deficits in Individuals at Clinical High Risk for Psychosis. <i>Schizophrenia Bulletin</i> , <b>2017</b> , 43, S45-S45  | 1.3  | 78 |
| 125 | Oscillations in schizophrenia: mechanisms and clinical significance. <i>Brain Research</i> , <b>2011</b> , 1413, 98-114  | 3.7  | 75 |
| 124 | Deficient prepulse inhibition in schizophrenia detected by the multi-site COGS. <i>Schizophrenia Research</i> , <b>2014</b> , 152, 503-12  | 3.6  | 74 |
| 123 | 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. <i>NeuroImage</i> , <b>2013</b> , 66, 594-603      | 7.9  | 73 |
| 122 | Do self-reports of perceptual anomalies reflect gating deficits in schizophrenia patients?. <i>Biological Psychiatry</i> , <b>2000</b> , 47, 463-7   | 7.9  | 73 |
| 121 | Electroencephalography (EEG) and event-related potentials (ERPs) with human participants. <i>Current Protocols in Neuroscience</i> , <b>2010</b> , Chapter 6, Unit 6.25.1-24   | 2.7  | 71 |
| 120 | Cortical substrates and functional correlates of auditory deviance processing deficits in schizophrenia. <i>NeuroImage: Clinical</i> , <b>2014</b> , 6, 424-37   | 5.3  | 68 |
| 119 | Effects of olanzapine, risperidone and haloperidol on prepulse inhibition in schizophrenia patients: a double-blind, randomized controlled trial. <i>Schizophrenia Research</i> , <b>2007</b> , 95, 134-42   | 3.6  | 67 |
| 118 | Successful multi-site measurement of antisaccade performance deficits in schizophrenia. <i>Schizophrenia Research</i> , <b>2007</b> , 89, 320-9  | 3.6  | 65 |
| 117 | Memantine Effects On Sensorimotor Gating and Mismatch Negativity in Patients with Chronic Psychosis. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 419-30   | 8.7  | 64 |
| 116 | The utility of P300 as a schizophrenia endophenotype and predictive biomarker: clinical and socio-demographic modulators in COGS-2. <i>Schizophrenia Research</i> , <b>2015</b> , 163, 53-62   | 3.6  | 63 |
| 115 | Event-related gamma activity in schizophrenia patients during a visual backward-masking task. <i>American Journal of Psychiatry</i> , <b>2005</b> , 162, 2330-6  | 11.9 | 61 |
| 114 | Mismatch Negativity is a Sensitive and Predictive Biomarker of Perceptual Learning During Auditory Cognitive Training in Schizophrenia. <i>Neuropsychopharmacology</i> , <b>2017</b> , 42, 2206-2213   | 8.7  | 60 |
| 113 | Schizophrenia patients demonstrate a dissociation on declarative and non-declarative memory tests. <i>Schizophrenia Research</i> , <b>2000</b> , 46, 167-74  | 3.6  | 60 |
| 112 | Disentangling early sensory information processing deficits in schizophrenia. <i>Clinical Neurophysiology</i> , <b>2012</b> , 123, 1942-9  | 4.3  | 59 |
| 111 | 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. <i>Schizophrenia Research</i> , <b>2007</b> , 92, 237-51 | 3.6  | 55 |
| 110 | Electrophysiological insights into conceptual disorganization in schizophrenia. <i>Schizophrenia Research</i> , <b>2007</b> , 92, 225-36   | 3.6  | 49 |

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| 109 | Attention/vigilance in schizophrenia: performance results from a large multi-site study of the Consortium on the Genetics of Schizophrenia (COGS). <i>Schizophrenia Research</i> , <b>2015</b> , 163, 38-46       | 3.6  | 48 |
| 108 | Web-Based Tools and Mobile Applications To Mitigate Burnout, Depression, and Suicidality Among Healthcare Students and Professionals: a Systematic Review. <i>Academic Psychiatry</i> , <b>2018</b> , 42, 109-120 | 1.1  | 47 |
| 107 | Demand and modality of directed attention modulate "pre-attentive" sensory processes in schizophrenia patients and nonpsychiatric controls. <i>Schizophrenia Research</i> , <b>2013</b> , 146, 326-35             | 3.6  | 47 |
| 106 | Genetic assessment of additional endophenotypes from the Consortium on the Genetics of Schizophrenia Family Study. <i>Schizophrenia Research</i> , <b>2016</b> , 170, 30-40                                       | 3.6  | 46 |
| 105 | Factor structure and heritability of endophenotypes in schizophrenia: findings from the Consortium on the Genetics of Schizophrenia (COGS-1). <i>Schizophrenia Research</i> , <b>2015</b> , 163, 73-9             | 3.6  | 45 |
| 104 | Neurophysiologic markers of abnormal brain activity in schizophrenia. <i>Current Psychiatry Reports</i> , <b>2010</b> , 12, 572-8   | 9.1  | 43 |
| 103 | Efficacy and tolerability of low-dose donepezil in schizophrenia. <i>Clinical Neuropharmacology</i> , <b>2005</b> , 28, 179-84  | 1.4  | 39 |
| 102 | Measuring P50 suppression and prepulse inhibition in a single recording session. <i>American Journal of Psychiatry</i> , <b>2001</b> , 158, 2066-8  | 11.9 | 38 |
| 101 | Single-Dose Memantine Improves Cortical Oscillatory Response Dynamics in Patients with Schizophrenia. <i>Neuropsychopharmacology</i> , <b>2017</b> , 42, 2633-2639  | 8.7  | 36 |
| 100 | Mapping genomic loci implicates genes and synaptic biology in schizophrenia.. <i>Nature</i> , <b>2022</b> ,   | 50.4 | 35 |
| 99  | Neurophysiologic measures of target engagement predict response to auditory-based cognitive training in treatment refractory schizophrenia. <i>Neuropsychopharmacology</i> , <b>2019</b> , 44, 606-612            | 8.7  | 34 |
| 98  | Relationship between effortful motivation and neurocognition in schizophrenia. <i>Schizophrenia Research</i> , <b>2018</b> , 193, 69-76   | 3.6  | 33 |
| 97  | Animal Models of Deficient Sensorimotor Gating in Schizophrenia: Are They Still Relevant?. <i>Current Topics in Behavioral Neurosciences</i> , <b>2016</b> , 28, 305-25   | 3.4  | 33 |
| 96  | Deficient prepulse inhibition in schizophrenia in a multi-site cohort: Internal replication and extension. <i>Schizophrenia Research</i> , <b>2018</b> , 198, 6-15  | 3.6  | 32 |
| 95  | Genome-wide Association of Endophenotypes for Schizophrenia From the Consortium on the Genetics of Schizophrenia (COGS) Study. <i>JAMA Psychiatry</i> , <b>2019</b> , 76, 1274-1284                               | 14.5 | 32 |
| 94  | Using biomarkers to inform diagnosis, guide treatments and track response to interventions in psychotic illnesses. <i>Biomarkers in Medicine</i> , <b>2014</b> , 8, 9-14  | 2.3  | 32 |
| 93  | Neurophysiological measures of sensory registration, stimulus discrimination, and selection in schizophrenia patients. <i>Current Topics in Behavioral Neurosciences</i> , <b>2010</b> , 4, 283-309               | 3.4  | 32 |
| 92  | Gating Deficit Heritability and Correlation With Increased Clinical Severity in Schizophrenia Patients With Positive Family History. <i>American Journal of Psychiatry</i> , <b>2016</b> , 173, 385-91            | 11.9 | 31 |

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| 91 | Neurophysiological biomarkers informing the clinical neuroscience of schizophrenia: mismatch negativity and prepulse inhibition of startle. <i>Current Topics in Behavioral Neurosciences</i> , <b>2014</b> , 21, 293-314               | 3.4  | 31 |
| 90 | Association Between P300 Responses to Auditory Oddball Stimuli and Clinical Outcomes in the Psychosis Risk Syndrome. <i>JAMA Psychiatry</i> , <b>2019</b> , 76, 1187-1197   | 14.5 | 30 |
| 89 | Targeted cognitive training improves auditory and verbal outcomes among treatment refractory schizophrenia patients mandated to residential care. <i>Schizophrenia Research</i> , <b>2018</b> , 202, 378-384                            | 3.6  | 29 |
| 88 | GlyT-1 Inhibition Attenuates Attentional But Not Learning or Motivational Deficits of the Sp4 Hypomorphic Mouse Model Relevant to Psychiatric Disorders. <i>Neuropsychopharmacology</i> , <b>2015</b> , 40, 2715-26                     | 8.7  | 28 |
| 87 | Comparison of the heritability of schizophrenia and endophenotypes in the COGS-1 family study. <i>Schizophrenia Bulletin</i> , <b>2014</b> , 40, 1404-11  | 1.3  | 26 |
| 86 | Room to move: Plasticity in early auditory information processing and auditory learning in schizophrenia revealed by acute pharmacological challenge. <i>Schizophrenia Research</i> , <b>2018</b> , 199, 285-291                        | 3.6  | 25 |
| 85 | Sensory and sensorimotor gating deficits after neonatal ventral hippocampal lesions in rats. <i>Developmental Neuroscience</i> , <b>2012</b> , 34, 240-9  | 2.2  | 23 |
| 84 | Verbal working memory in schizophrenia from the Consortium on the Genetics of Schizophrenia (COGS) study: the moderating role of smoking status and antipsychotic medications. <i>Schizophrenia Research</i> , <b>2015</b> , 163, 24-31 | 3.6  | 22 |
| 83 | Neurocognitive performance in family-based and case-control studies of schizophrenia. <i>Schizophrenia Research</i> , <b>2015</b> , 163, 17-23  | 3.6  | 22 |
| 82 | Memantine Effects on Electroencephalographic Measures of Putative Excitatory/Inhibitory Balance in Schizophrenia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2020</b> , 5, 562-568                      | 3.4  | 21 |
| 81 | Measuring the capacity for auditory system plasticity: An examination of performance gains during initial exposure to auditory-targeted cognitive training in schizophrenia. <i>Schizophrenia Research</i> , <b>2016</b> , 172, 123-30  | 3.6  | 20 |
| 80 | The auditory brain-stem response to complex sounds: a potential biomarker for guiding treatment of psychosis. <i>Frontiers in Psychiatry</i> , <b>2014</b> , 5, 142   | 5    | 20 |
| 79 | Effects of acute memantine administration on MATRICS Consensus Cognitive Battery performance in psychosis: Testing an experimental medicine strategy. <i>Psychopharmacology</i> , <b>2016</b> , 233, 2399-410                           | 4.7  | 19 |
| 78 | Hierarchical Pathways from Sensory Processing to Cognitive, Clinical, and Functional Impairments in Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2021</b> , 47, 373-385  | 1.3  | 19 |
| 77 | Neurophysiological Characterization of Attentional Performance Dysfunction in Schizophrenia Patients in a Reverse-Translated Task. <i>Neuropsychopharmacology</i> , <b>2017</b> , 42, 1338-1348   | 8.7  | 18 |
| 76 | Mismatch negativity impairment is associated with deficits in identifying real-world environmental sounds in schizophrenia. <i>Schizophrenia Research</i> , <b>2018</b> , 191, 5-9  | 3.6  | 18 |
| 75 | Mismatch negativity reveals plasticity in cortical dynamics after 1-hour of auditory training exercises. <i>International Journal of Psychophysiology</i> , <b>2019</b> , 145, 40-47  | 2.9  | 17 |
| 74 | Amphetamine Enhances Gains in Auditory Discrimination Training in Adult Schizophrenia Patients. <i>Schizophrenia Bulletin</i> , <b>2017</b> , 43, 872-880   | 1.3  | 17 |



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| 73 | Sex differences in familiarity effects on neurocognitive performance in schizophrenia. <i>Biological Psychiatry</i> , <b>2013</b> , 73, 976-84  | 7.9  | 16 |
| 72 | A distributed frontotemporal network underlies gamma-band synchronization impairments in schizophrenia patients. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 2198-2206   | 8.7  | 16 |
| 71 | Anticholinergic Medication Burden-Associated Cognitive Impairment in Schizophrenia. <i>American Journal of Psychiatry</i> , <b>2021</b> , 178, 838-847  | 11.9 | 16 |
| 70 | Forebrain gene expression predicts deficits in sensorimotor gating after isolation rearing in male rats. <i>Behavioural Brain Research</i> , <b>2013</b> , 257, 118-28  | 3.4  | 15 |
| 69 | Gamma oscillations predict pro-cognitive and clinical response to auditory-based cognitive training in schizophrenia. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 405   | 8.6  | 15 |
| 68 | Relationships between cognitive event-related brain potential measures in patients at clinical high risk for psychosis. <i>Schizophrenia Research</i> , <b>2020</b> , 226, 84-94  | 3.6  | 15 |
| 67 | Verbal learning deficits associated with increased anticholinergic burden are attenuated with targeted cognitive training in treatment refractory schizophrenia patients. <i>Schizophrenia Research</i> , <b>2019</b> , 208, 384-389                              | 3.6  | 14 |
| 66 | Nonlinear dynamics underlying sensory processing dysfunction in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 3847-3852  | 11.5 | 14 |
| 65 | Coupling of gene expression in medial prefrontal cortex and nucleus accumbens after neonatal ventral hippocampal lesions accompanies deficits in sensorimotor gating and auditory processing in rats. <i>Neuropharmacology</i> , <b>2013</b> , 75, 38-46          | 5.5  | 14 |
| 64 | Robust differences in antisaccade performance exist between COGS schizophrenia cases and controls regardless of recruitment strategies. <i>Schizophrenia Research</i> , <b>2015</b> , 163, 47-52  | 3.6  | 13 |
| 63 | Prioritizing schizophrenia endophenotypes for future genetic studies: An example using data from the COGS-1 family study. <i>Schizophrenia Research</i> , <b>2016</b> , 174, 1-9  | 3.6  | 12 |
| 62 | Unique contributions of sensory discrimination and gamma synchronization deficits to cognitive, clinical, and psychosocial functional impairments in schizophrenia. <i>Schizophrenia Research</i> , <b>2021</b> , 228, 280-287                                    | 3.6  | 12 |
| 61 | Effects of Amphetamine on Sensorimotor Gating and Neurocognition in Antipsychotic-Medicated Schizophrenia Patients. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 708-717  | 8.7  | 12 |
| 60 | Computerized cognitive training is associated with improved psychosocial treatment engagement in schizophrenia. <i>Schizophrenia Research</i> , <b>2018</b> , 202, 341-346  | 3.6  | 12 |
| 59 | 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). <i>Schizophrenia Research</i> , <b>2015</b> , 163, 32-7 | 3.6  | 11 |
| 58 | Neurophysiological biomarkers for schizophrenia therapeutics. <i>Biomarkers in Neuropsychiatry</i> , <b>2020</b> , 2, 100012  | 3.8  | 11 |
| 57 | The Mismatch Negativity <b>2019</b> ,   |      | 11 |
| 56 | Is there an association between advanced paternal age and endophenotype deficit levels in schizophrenia?. <i>PLoS ONE</i> , <b>2014</b> , 9, e88379   | 3.7  | 10 |

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|----|--|------|---|
| 55 | Bending the curve on psychosis outcomes. <i>Lancet Psychiatry</i> , <b>2015</b> , 2, 365-367   | 23.3 | 9 |
| 54 | Electroencephalographic biomarkers of psychosis: present and future. <i>Biological Psychiatry</i> , <b>2015</b> , 77, 87-9   | 7.9  | 9 |
| 53 | Deviation from expected cognitive ability is a core cognitive feature of schizophrenia related to neurophysiologic, clinical and psychosocial functioning. <i>Schizophrenia Research</i> , <b>2020</b> , 215, 300-307                                  | 3.6  | 9 |
| 52 | Decomposing the constituent oscillatory dynamics underlying mismatch negativity generation in schizophrenia: Distinct relationships to clinical and cognitive functioning. <i>International Journal of Psychophysiology</i> , <b>2019</b> , 145, 23-29 | 2.9  | 9 |
| 51 | Abnormal Effective Connectivity Underlying Auditory Mismatch Negativity Impairments in Schizophrenia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2020</b> , 5, 1028-1039   | 3.4  | 8 |
| 50 | Tolcapone-Enhanced Neurocognition in Healthy Adults: Neural Basis and Predictors. <i>International Journal of Neuropsychopharmacology</i> , <b>2017</b> , 20, 979-987  | 5.8  | 8 |
| 49 | Reverse translated and gold standard continuous performance tests predict global cognitive performance in schizophrenia. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 80   | 8.6  | 8 |
| 48 | Oscillatory biomarkers of early auditory information processing predict cognitive gains following targeted cognitive training in schizophrenia patients. <i>Schizophrenia Research</i> , <b>2020</b> , 215, 97-104                                     | 3.6  | 8 |
| 47 | Abnormal Spontaneous Gamma Power Is Associated With Verbal Learning and Memory Dysfunction in Schizophrenia. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 832  | 5    | 8 |
| 46 | Memantine effects on auditory discrimination and training in schizophrenia patients. <i>Neuropsychopharmacology</i> , <b>2020</b> , 45, 2180-2188  | 8.7  | 8 |
| 45 | Using EEG-Guided Basket and Umbrella Trials in Psychiatry: A Precision Medicine Approach for Cognitive Impairment in Schizophrenia. <i>Frontiers in Psychiatry</i> , <b>2018</b> , 9, 554  | 5    | 7 |
| 44 | Divergence of subjective and performance-based cognitive gains following cognitive training in schizophrenia. <i>Schizophrenia Research</i> , <b>2019</b> , 210, 215-220   | 3.6  | 6 |
| 43 | The effects of age and sex on cognitive impairment in schizophrenia: Findings from the Consortium on the Genetics of Schizophrenia (COGS) study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0232855  | 3.7  | 6 |
| 42 | Evidence of systematic attenuation in the measurement of cognitive deficits in schizophrenia. <i>Journal of Abnormal Psychology</i> , <b>2017</b> , 126, 312-324   | 7    | 5 |
| 41 | Stability of mismatch negativity event-related potentials in a multisite study. <i>International Journal of Methods in Psychiatric Research</i> , <b>2020</b> , 29, e1819  | 4.3  | 5 |
| 40 | Between-site reliability of startle prepulse inhibition across two early psychosis consortia. <i>NeuroReport</i> , <b>2013</b> , 24, 626-30  | 1.7  | 5 |
| 39 | Neural network dynamics underlying gamma synchronization deficits in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 107, 110224  | 5.5  | 5 |
| 38 | Impaired Sensory Processing During Low-Oxygen Exposure: A Noninvasive Approach to Detecting Changes in Cognitive States. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 12   | 5    | 4 |



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| 37 | 124. Experimental Medicine Approaches to Leveraging Auditory Information Processing Neuroplasticity Toward Therapeutic Development in Schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2017</b> , 43, S69-S69   | 1.3 | 4 |
| 36 | Neurophysiologic Characterization of Resting State Connectivity Abnormalities in Schizophrenia Patients. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 608154   | 5   | 4 |
| 35 | Phase 1 randomized study on the safety, tolerability, and pharmacodynamic cognitive and electrophysiological effects of a dopamine D receptor positive allosteric modulator in patients with schizophrenia. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 1145-1151 | 8.7 | 4 |
| 34 | Cross-Species Neurophysiological Biomarkers of Attentional Dysfunction in Schizophrenia: Bridging the Translational Gap. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 230-231  | 8.7 | 4 |
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