

# Simon Zhornitsky

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

1,579  
citations

331670

21  
h-index

377865

34  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2259  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Cannabidiol in Humans—The Quest for Therapeutic Targets. <i>Pharmaceuticals</i> , 2012, 5, 529-552.  | 3.8 | 155       |
| 2  | Cholesterol and markers of cholesterol turnover in multiple sclerosis: relationship with disease outcomes. <i>Multiple Sclerosis and Related Disorders</i> , 2016, 5, 53-65.   | 2.0 | 77        |
| 3  | Oral versus Long-Acting Injectable Antipsychotics in the Treatment of Schizophrenia and Special Populations at Risk for Treatment Nonadherence: A Systematic Review. <i>Schizophrenia Research and Treatment</i> , 2012, 2012, 1-12. | 1.5 | 67        |
| 4  | Depression in multiple sclerosis: A long-term longitudinal study. <i>Multiple Sclerosis Journal</i> , 2015, 21, 76-82.   | 3.0 | 66        |
| 5  | The effects of age on reward magnitude processing in the monetary incentive delay task. <i>NeuroImage</i> , 2020, 207, 116368.   | 4.2 | 49        |
| 6  | Quetiapine Fumarate for the Treatment of Multiple Sclerosis: Focus on Myelin Repair. <i>CNS Neuroscience and Therapeutics</i> , 2013, 19, 737-744.   | 3.9 | 44        |
| 7  | Antipsychotic-induced changes in blood levels of leptin in schizophrenia: a meta-analysis. <i>Canadian Journal of Psychiatry</i> , 2015, 60, S26-34.   | 1.9 | 42        |
| 8  | Sensation-seeking, social anhedonia, and impulsivity in substance use disorder patients with and without schizophrenia and in non-abusing schizophrenia patients. <i>Psychiatry Research</i> , 2012, 200, 237-241.                   | 3.3 | 40        |
| 9  | Dose-response and comparative efficacy and tolerability of quetiapine across psychiatric disorders. <i>International Clinical Psychopharmacology</i> , 2011, 26, 183-192.  | 1.7 | 39        |
| 10 | Sex differences in the interacting roles of impulsivity and positive alcohol expectancy in problem drinking: A structural brain imaging study. <i>NeuroImage: Clinical</i> , 2017, 14, 750-759.                                      | 2.7 | 38        |
| 11 | Resting state functional connectivity of the amygdala and problem drinking in non-dependent alcohol drinkers. <i>Drug and Alcohol Dependence</i> , 2018, 185, 173-180.   | 3.2 | 38        |
| 12 | Prolactin in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2013, 19, 15-23.  | 3.0 | 37        |
| 13 | Resting State Functional Connectivity of the Lateral and Medial Hypothalamus in Cocaine Dependence: An Exploratory Study. <i>Frontiers in Psychiatry</i> , 2018, 9, 344.   | 2.6 | 36        |
| 14 | Gray matter volumetric correlates of behavioral activation and inhibition system traits in children: An exploratory voxel-based morphometry study of the ABCD project data. <i>NeuroImage</i> , 2020, 220, 117085.                   | 4.2 | 35        |
| 15 | Antipsychotic Agents for the Treatment of Substance Use Disorders in Patients With and Without Comorbid Psychosis. <i>Journal of Clinical Psychopharmacology</i> , 2010, 30, 417-424.  | 1.4 | 34        |
| 16 | The interrelationship of body mass index with gray matter volume and resting-state functional connectivity of the hypothalamus. <i>International Journal of Obesity</i> , 2020, 44, 1097-1107.                                       | 3.4 | 32        |
| 17 | Comparing Tolerability of Olanzapine in Schizophrenia and Affective Disorders. <i>Drug Safety</i> , 2012, 35, 819-836.   | 3.2 | 28        |
| 18 | Dynamic network dysfunction in cocaine dependence: Graph theoretical metrics and stop signal reaction time. <i>NeuroImage: Clinical</i> , 2018, 18, 793-801.   | 2.7 | 27        |

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|----|---|-----|-----------|
| 19 | A randomized controlled trial with a Canadian electronic pill dispenser used to measure and improve medication adherence in patients with schizophrenia. <i>Frontiers in Pharmacology</i> , 2013, 4, 100.               | 3.5 | 26        |
| 20 | Long-Term Persistence with Injectable Therapy in Relapsing-Remitting Multiple Sclerosis: An 18-Year Observational Cohort Study. <i>PLoS ONE</i> , 2015, 10, e0123824.   | 2.5 | 25        |
| 21 | Prolactin in combination with interferon- $\beta$ reduces disease severity in an animal model of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2015, 12, 55.  | 7.2 | 24        |
| 22 | Hypothalamic Responses to Cocaine and Food Cues in Individuals with Cocaine Dependence. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 754-764.  | 2.1 | 23        |
| 23 | Alcohol Expectancy and Cerebral Responses to Cue-Elicited Craving in Adult Nondependent Drinkers. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 493-504.                             | 1.5 | 23        |
| 24 | Sex Differences in Neural Responses to the Perception of Social Interactions. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 565132.  | 2.0 | 23        |
| 25 | Problem Drinking, Alcohol Expectancy, and Thalamic Resting-State Functional Connectivity in Nondependent Adult Drinkers. <i>Brain Connectivity</i> , 2018, 8, 487-502.  | 1.7 | 22        |
| 26 | Reward sensitivity and electrodermal responses to actions and outcomes in a go/no-go task. <i>PLoS ONE</i> , 2019, 14, e0219147.  | 2.5 | 22        |
| 27 | Cue-elicited craving, thalamic activity, and physiological arousal in adult non-dependent drinkers. <i>Journal of Psychiatric Research</i> , 2019, 116, 74-82.  | 3.1 | 22        |
| 28 | Extrapyramidal symptoms in substance abusers with and without schizophrenia and in nonabusing patients with schizophrenia. <i>Movement Disorders</i> , 2010, 25, 2188-2194.   | 3.9 | 21        |
| 29 | Sex differences in neural responses to reward and the influences of individual reward and punishment sensitivity. <i>BMC Neuroscience</i> , 2021, 22, 12.   | 1.9 | 21        |
| 30 | Distinct patterns of prefrontal cortical disengagement during inhibitory control in addiction: A meta-analysis based on population characteristics. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 255-269. | 6.1 | 20        |
| 31 | Posterior Cingulate Cortical Response to Active Avoidance Mediates the Relationship between Punishment Sensitivity and Problem Drinking. <i>Journal of Neuroscience</i> , 2019, 39, 6354-6364.                          | 3.6 | 19        |
| 32 | Pain and reward circuits antagonistically modulate alcohol expectancy to regulate drinking. <i>Translational Psychiatry</i> , 2020, 10, 220.  | 4.8 | 19        |
| 33 | Acute effects of partial CB1 receptor agonists on cognition – A meta-analysis of human studies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 104, 110063.                              | 4.8 | 19        |
| 34 | 1,25-Dihydroxyvitamin D3 Protects against Immune-Mediated Killing of Neurons in Culture and in Experimental Autoimmune Encephalomyelitis. <i>PLoS ONE</i> , 2015, 10, e0144084.   | 2.5 | 15        |
| 35 | Motor Preparation Disrupts Proactive Control in the Stop Signal Task. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 151.   | 2.0 | 15        |
| 36 | Social anxiety, posterior insula activation, and autonomic response during self-initiated action in a Cyberball game. <i>Journal of Affective Disorders</i> , 2019, 255, 158-167.                                       | 4.1 | 15        |

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|----|--|-----|-----------|
| 37 | Hypothalamic response to cocaine cues and cocaine addiction severity. <i>Addiction Biology</i> , 2020, 25, e12682.   | 2.6 | 15        |
| 38 | Switching from conventional antipsychotics to ziprasidone: A randomized, open-label comparison of regimen strategies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 997-1000.                                    | 4.8 | 14        |
| 39 | Ziprasidone for Psychotic Disorders: A Meta-Analysis and Systematic Review of the Relationship Between Pharmacokinetics, Pharmacodynamics, and Clinical Profile. <i>Clinical Therapeutics</i> , 2011, 33, 1853-1867.                                 | 2.5 | 14        |
| 40 | Psychopathology in Substance Use Disorder Patients with and without Substance-Induced Psychosis. <i>Journal of Addiction</i> , 2015, 2015, 1-7.  | 0.9 | 14        |
| 41 | Thalamic Cortical Error-Related Responses in Adult Social Drinkers: Sex Differences and Problem Alcohol Use. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 868-877.   | 1.5 | 13        |
| 42 | Interdependent Neural Correlates of Reward and Punishment Sensitivity During Rewarded Action and Inhibition of Action. <i>Cerebral Cortex</i> , 2020, 30, 1662-1676.   | 2.9 | 13        |
| 43 | Neural correlates of reward-directed action and inhibition of action. <i>Cortex</i> , 2020, 123, 42-56.  | 2.4 | 13        |
| 44 | Heart Rate Variability, Cue-Evoked Ventromedial Prefrontal Cortical Response, and Problem Alcohol Use in Adult Drinkers. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 619-628.                                   | 1.5 | 13        |
| 45 | Interpersonal Risk Factors for Suicide in Cocaine Dependence: Association with Self-Esteem, Personality Traits, and Childhood Abuse. <i>Suicide and Life-Threatening Behavior</i> , 2020, 50, 867-883.   | 1.9 | 13        |
| 46 | Evolution of Substance use, Neurological and Psychiatric Symptoms in Schizophrenia and Substance use Disorder Patients: A 12-Week, Pilot, Case-Control Trial with Quetiapine. <i>Frontiers in Psychiatry</i> , 2011, 2, 22.                          | 2.6 | 12        |
| 47 | The Neural Processes Interlinking Social Isolation, Social Support, and Problem Alcohol Use. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 333-343.  | 2.1 | 12        |
| 48 | Emotion Processing Dysfunction in Alzheimer's Disease: An Overview of Behavioral Findings, Systems Neural Correlates, and Underlying Neural Biology. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2022, 37, 153331752210828. | 1.9 | 12        |
| 49 | Perceived friendship and binge drinking in young adults: A study of the Human Connectome Project data. <i>Drug and Alcohol Dependence</i> , 2021, 224, 108731.   | 3.2 | 11        |
| 50 | Depression Mediates the Relationship between Childhood Trauma and Internet Addiction in Female but Not Male Chinese Adolescents and Young Adults. <i>Journal of Clinical Medicine</i> , 2021, 10, 5015.  | 2.4 | 11        |
| 51 | Gray matter volumetric correlates of dimensional impulsivity traits in children: Sex differences and heritability. <i>Human Brain Mapping</i> , 2022, 43, 2634-2652.   | 3.6 | 11        |
| 52 | Acute effects of ketamine and esketamine on cognition in healthy subjects: A meta-analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 118, 110575.   | 4.8 | 11        |
| 53 | Relationship Between Insight into Cognition, Extrapyramidal Symptoms and Mental Illness in Schizophrenia. <i>Australian and New Zealand Journal of Psychiatry</i> , 2011, 45, 596-597.   | 2.3 | 10        |
| 54 | Cue-elicited functional connectivity of the periaqueductal gray and tonic cocaine craving. <i>Drug and Alcohol Dependence</i> , 2020, 216, 108240.   | 3.2 | 10        |

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|----|--|-----|-----------|
| 55 | Noradrenergic correlates of chronic cocaine craving: neuromelanin and functional brain imaging. <i>Neuropsychopharmacology</i> , 2021, 46, 851-859.  | 5.4 | 10        |
| 56 | Cerebral Volumetric Correlates of Apathy in Alzheimer's Disease and Cognitively Normal Older Adults: Meta-Analysis, Label-Based Review, and Study of an Independent Cohort. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1251-1265. | 2.6 | 9         |
| 57 | The effects of androgen deprivation on working memory and quality of life in prostate cancer patients: The roles of hypothalamic connectivity. <i>Cancer Medicine</i> , 2022, 11, 3425-3436.   | 2.8 | 9         |
| 58 | Resting state hypothalamic and dorsomedial prefrontal cortical connectivity of the periaqueductal gray in cocaine addiction. <i>Addiction Biology</i> , 2020, 26, e12989.  | 2.6 | 8         |
| 59 | Cognitive dysfunction and cerebral volumetric deficits in individuals with Alzheimer's disease, alcohol use disorder, and dual diagnosis. <i>Psychiatry Research - Neuroimaging</i> , 2021, 317, 111380.                                 | 1.8 | 8         |
| 60 | Acute quetiapine dose-dependently exacerbates anhedonia induced by withdrawal from escalating doses of d-amphetamine. <i>European Neuropsychopharmacology</i> , 2010, 20, 695-703.   | 0.7 | 7         |
| 61 | Predictors of Community Functioning in Schizophrenia and Substance Use Disorder Patients. <i>Community Mental Health Journal</i> , 2013, 49, 317-322.  | 2.0 | 6         |
| 62 | Problem drinking alters gray matter volume and food cue responses of the lateral orbitofrontal cortex. <i>Addiction Biology</i> , 2021, 26, e12857.  | 2.6 | 6         |
| 63 | Reward-Related Responses and Tonic Craving in Cocaine Addiction: An Imaging Study of the Monetary Incentive Delay Task. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 634-644.                                     | 2.1 | 6         |
| 64 | Evidence that the reward attenuating effect of the D1-like antagonist, SCH-23390, is not mediated by its agonist action at the 5-HT <sub>2c</sub> receptors. <i>Behavioural Brain Research</i> , 2011, 217, 467-471.                     | 2.2 | 5         |
| 65 | A neuroimaging study of emotion-cognition interaction in schizophrenia: the effect of ziprasidone treatment. <i>Psychopharmacology</i> , 2017, 234, 1045-1058.   | 3.1 | 5         |
| 66 | The effects of age on cerebral responses to self-initiated actions during social interactions: An exploratory study. <i>Behavioural Brain Research</i> , 2020, 378, 112301.  | 2.2 | 5         |
| 67 | Perceived burdensomeness and neural responses to ostracism in the Cyberball task. <i>Journal of Psychiatric Research</i> , 2020, 130, 1-8.   | 3.1 | 5         |
| 68 | Perceived stress, self-efficacy, and the cerebral morphometric markers in binge-drinking young adults. <i>NeuroImage: Clinical</i> , 2021, 32, 102866.   | 2.7 | 5         |
| 69 | Clinical evolution of substance use disorder patients during treatment with quetiapine: a 12-week, open-label, naturalistic trial. <i>Expert Opinion on Pharmacotherapy</i> , 2010, 11, 2947-2951.                                       | 1.8 | 4         |
| 70 | Cultural differences in anterior cingulate cortical response to prediction error. <i>Culture and Brain</i> , 2019, 7, 67-79.   | 0.5 | 1         |
| 71 | Tolerability of quetiapine across psychiatric disorders. <i>International Clinical Psychopharmacology</i> , 2011, 26, e149.  | 1.7 | 0         |