

# Muhammad Adeel Parvaz

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

2,263  
citations

257450

24  
h-index

223800

46  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2897  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Neuroimaging cognitive reappraisal in clinical populations to define neural targets for enhancing emotion regulation. A systematic review. <i>NeuroImage</i> , 2017, 151, 105-116.                 | 4.2  | 246       |
| 2  | Motivated attention to cocaine and emotional cues in abstinent and current cocaine users - an ERP study. <i>European Journal of Neuroscience</i> , 2011, 33, 1716-1723.                            | 2.6  | 154       |
| 3  | Incubation of Cue-Induced Craving in Adults Addicted to Cocaine Measured by Electroencephalography. <i>JAMA Psychiatry</i> , 2016, 73, 1127.   | 11.0 | 147       |
| 4  | Neuroimaging for drug addiction and related behaviors. <i>Reviews in the Neurosciences</i> , 2011, 22, 609-24.   | 2.9  | 115       |
| 5  | Gene-Disease Interaction on Orbitofrontal Gray Matter in Cocaine Addiction. <i>Archives of General Psychiatry</i> , 2011, 68, 283.   | 12.3 | 103       |
| 6  | Event-related induced frontal alpha as a marker of lateral prefrontal cortex activation during cognitive reappraisal. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2012, 12, 730-740. | 2.0  | 95        |
| 7  | Enhanced Choice for Viewing Cocaine Pictures in Cocaine Addiction. <i>Biological Psychiatry</i> , 2009, 66, 169-176.   | 1.3  | 90        |
| 8  | Impaired insight in cocaine addiction: laboratory evidence and effects on cocaine-seeking behaviour. <i>Brain</i> , 2010, 133, 1484-1493.  | 7.6  | 90        |
| 9  | Gene x Abstinence Effects on Drug Cue Reactivity in Addiction: Multimodal Evidence. <i>Journal of Neuroscience</i> , 2013, 33, 10027-10036.  | 3.6  | 86        |
| 10 | Functional, Structural, and Emotional Correlates of Impaired Insight in Cocaine Addiction. <i>JAMA Psychiatry</i> , 2014, 71, 61.  | 11.0 | 86        |
| 11 | Psychophysiological prediction of choice: relevance to insight and drug addiction. <i>Brain</i> , 2012, 135, 3481-3494.  | 7.6  | 82        |
| 12 | Impaired Neural Response to Negative Prediction Errors in Cocaine Addiction. <i>Journal of Neuroscience</i> , 2015, 35, 1872-1879.   | 3.6  | 79        |
| 13 | Cognitive interventions for addiction medicine. <i>Progress in Brain Research</i> , 2016, 224, 285-304.  | 1.4  | 63        |
| 14 | Methylphenidate Enhances Executive Function and Optimizes Prefrontal Function in Both Health and Cocaine Addiction. <i>Cerebral Cortex</i> , 2014, 24, 643-653.                                    | 2.9  | 61        |
| 15 | Compromised sensitivity to monetary reward in current cocaine users: An ERP study. <i>Psychophysiology</i> , 2008, 45, 705-713.  | 2.4  | 56        |
| 16 | Prefrontal gray matter volume recovery in treatment-seeking cocaine-addicted individuals: a longitudinal study. <i>Addiction Biology</i> , 2017, 22, 1391-1401.                                    | 2.6  | 53        |
| 17 | Therapeutic applications of BCI technologies. <i>Brain-Computer Interfaces</i> , 2017, 4, 37-52.   | 1.8  | 44        |
| 18 | Structural and behavioral correlates of abnormal encoding of money value in the sensorimotor striatum in cocaine addiction. <i>European Journal of Neuroscience</i> , 2012, 36, 2979-2988.         | 2.6  | 43        |

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|----|--|-----|-----------|
| 19 | Sensitivity to monetary reward is most severely compromised in recently abstaining cocaine addicted individuals: A cross-sectional ERP study. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 75-82.  | 1.8 | 41        |
| 20 | Metacognitive impairment in active cocaine use disorder is associated with individual differences in brain structure. <i>European Neuropsychopharmacology</i> , 2016, 26, 653-662.   | 0.7 | 37        |
| 21 | Time Course of Processes Underlying Picture and Word Evaluation: An Event-Related Potential Approach. <i>Brain Topography</i> , 2006, 18, 213-222.   | 1.8 | 34        |
| 22 | Abstinence reverses EEG-indexed attention bias between drug-related and pleasant stimuli in cocaine-addicted individuals. <i>Journal of Psychiatry and Neuroscience</i> , 2017, 42, 78-86.   | 2.4 | 34        |
| 23 | Common and distinct neural correlates of inhibitory dysregulation: Stroop fMRI study of cocaine addiction and intermittent explosive disorder. <i>Journal of Psychiatric Research</i> , 2014, 58, 55-62.   | 3.1 | 33        |
| 24 | Prediction of subjective ratings of emotional pictures by EEG features. <i>Journal of Neural Engineering</i> , 2017, 14, 016009.   | 3.5 | 29        |
| 25 | Substance Use Initiation, Particularly Alcohol, in Drug-Naive Adolescents: Possible Predictors and Consequences From a Large Cohort Naturalistic Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 623-636. | 0.5 | 25        |
| 26 | Structural Integrity of the Prefrontal Cortex Modulates Electro cortical Sensitivity to Reward. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1560-1570.  | 2.3 | 24        |
| 27 | Structural and functional brain recovery in individuals with substance use disorders during abstinence: A review of longitudinal neuroimaging studies. <i>Drug and Alcohol Dependence</i> , 2022, 232, 109319.   | 3.2 | 22        |
| 28 | Reward vs. Retaliation—the Role of the Mesocorticolimbic Salience Network in Human Reactive Aggression. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 179.   | 2.0 | 21        |
| 29 | Neural Correlates of Drug-Biased Choice in Currently Using and Abstinent Individuals With Cocaine Use Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 485-494.  | 1.5 | 21        |
| 30 | Reactions to Media Violence: It's in the Brain of the Beholder. <i>PLoS ONE</i> , 2014, 9, e107260.  | 2.5 | 21        |
| 31 | Neural mechanisms of extinguishing drug and pleasant cue associations in human addiction: role of the VMPFC. <i>Addiction Biology</i> , 2019, 24, 88-99.   | 2.6 | 20        |
| 32 | Multimodal evidence of regional midcingulate gray matter volume underlying conflict monitoring. <i>NeuroImage: Clinical</i> , 2014, 5, 10-18.  | 2.7 | 15        |
| 33 | Trait anger modulates neural activity in the fronto-parietal attention network. <i>PLoS ONE</i> , 2018, 13, e0194444.  | 2.5 | 15        |
| 34 | Sleep Disturbance in Individuals at Clinical High Risk for Psychosis. <i>Schizophrenia Bulletin</i> , 2022, 48, 111-121.   | 4.3 | 15        |
| 35 | Reduced Orbitofrontal Gray Matter Concentration as a Marker of Premorbid Childhood Trauma in Cocaine Use Disorder. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 51.  | 2.0 | 14        |
| 36 | Effects of an opioid (proenkephalin) polymorphism on neural response to errors in health and cocaine use disorder. <i>Behavioural Brain Research</i> , 2015, 293, 18-26.   | 2.2 | 13        |

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|----|---|-----|-----------|
| 37 | Objective and specific tracking of anhedonia via event-related potentials in individuals with cocaine use disorders. <i>Drug and Alcohol Dependence</i> , 2016, 164, 158-165.   | 3.2 | 13        |
| 38 | Common and <scp>gender-specific</scp> associations with cocaine use on gray matter volume: Data from the <scp>ENIGMA</scp> addiction working group. <i>Human Brain Mapping</i> , 2022, 43, 543-554.   | 3.6 | 13        |
| 39 | Brain Injury and Dementia in Pakistan: Current Perspectives. <i>Frontiers in Neurology</i> , 2020, 11, 299.   | 2.4 | 13        |
| 40 | Attention bias modification in drug addiction: Enhancing control of subsequent habits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .  | 7.1 | 13        |
| 41 | Monoamine polygenic liability in health and cocaine dependence: Imaging genetics study of aversive processing and associations with depression symptomatology. <i>Drug and Alcohol Dependence</i> , 2014, 140, 17-24.                               | 3.2 | 11        |
| 42 | Converging effects of cocaine addiction and sex on neural responses to monetary rewards. <i>Psychiatry Research - Neuroimaging</i> , 2016, 248, 110-118.  | 1.8 | 11        |
| 43 | A double-blind sham-controlled phase 1 clinical trial of tDCS of the dorsolateral prefrontal cortex in cocaine inpatients: Craving, sleepiness, and contemplation to change. <i>European Journal of Neuroscience</i> , 2021, 53, 3212-3230.         | 2.6 | 11        |
| 44 | Electrocortical evidence of increased post-reappraisal neural reactivity and its link to depressive symptoms. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 78-84.   | 3.0 | 10        |
| 45 | The adolescent brain at risk for substance use disorders: a review of functional MRI research on motor response inhibition. <i>Current Opinion in Behavioral Sciences</i> , 2017, 13, 186-195.  | 3.9 | 8         |
| 46 | Self-awareness of problematic drug use: Preliminary validation of a new fMRI task to assess underlying neurocircuitry. <i>Drug and Alcohol Dependence</i> , 2020, 209, 107930.  | 3.2 | 8         |
| 47 | Altered prefrontal signaling during inhibitory control in a salient drug context in cocaine use disorder. <i>Cerebral Cortex</i> , 2023, 33, 597-611.   | 2.9 | 7         |
| 48 | Effects of Transcranial Direct Current Stimulation on Attentional Bias to Methamphetamine Cues and Its Association With EEG-Derived Functional Brain Network Topology. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 631-644. | 2.1 | 6         |
| 49 | Abnormal response to methylphenidate across multiple fMRI procedures in cocaine use disorder: feasibility study. <i>Psychopharmacology</i> , 2016, 233, 2559-2569.  | 3.1 | 4         |
| 50 | Reward-Based Learning as a Function of Severity of Substance Abuse Risk in Drug-Naïve Youth with ADHD. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2018, 28, 547-553.   | 1.3 | 4         |
| 51 | Emotion recognition in individuals with cocaine use disorder: the role of abstinence length and the social brain network. <i>Psychopharmacology</i> , 2022, 239, 1019-1033.   | 3.1 | 4         |
| 52 | 2482 Reward-based learning as a function of the severity of substance abuse risk in drug-naïve youth. <i>Journal of Clinical and Translational Science</i> , 2018, 2, 26-26.  | 0.6 | 0         |
| 53 | Social Isolation-Mediated Exacerbation of Negative Affect in Young Drinkers during the COVID-19 Pandemic. <i>Brain Sciences</i> , 2022, 12, 214.  | 2.3 | 0         |
| 54 | Emotion Dysregulation and Opioid Misuse. <i>Biological Psychiatry</i> , 2022, 91, 1005-1007.  | 1.3 | 0         |