

# Hamed Ekhtiari

## List of Publications by Year in descending order

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115  
papers

3,502  
citations

172207

29  
h-index

168136

53  
g-index

134  
all docs

134  
docs citations

134  
times ranked

4660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interoception and Mental Health: A Roadmap. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 501-513.	1.1	524
2	Regulatory considerations for the clinical and research use of transcranial direct current stimulation (tDCS): Review and recommendations from an expert panel. <i>Clinical Research and Regulatory Affairs</i> , 2015, 32, 22-35.	2.1	208
3	Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 118-140.	2.9	198
4	Non-invasive Human Brain Stimulation in Cognitive Neuroscience: A Primer. <i>Neuron</i> , 2015, 87, 932-945.	3.8	195
5	A framework for categorizing electrode montages in transcranial direct current stimulation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 54.	1.0	117
6	State dependent effect of transcranial direct current stimulation (tDCS) on methamphetamine craving. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1591-1598.	1.0	108
7	Neuroscience of drug craving for addiction medicine. <i>Progress in Brain Research</i> , 2016, 223, 115-141.	0.9	92
8	Effect of Anodal and Cathodal Transcranial Direct Current Stimulation on DLPFC on Modulation of Inhibitory Control in ADHD. <i>Journal of Attention Disorders</i> , 2019, 23, 325-332.	1.5	90
9	Transcranial electrical stimulation nomenclature. <i>Brain Stimulation</i> , 2019, 12, 1349-1366.	0.7	84
10	Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. <i>Brain Stimulation</i> , 2020, 13, 1124-1149.	0.7	78
11	COVID-19 and Substance Use Disorders as Brain Diseases: Recommendations to a Comprehensive Healthcare Response. An International Society of Addiction Medicine (ISAM) Practice and Policy Interest Group Position Paper. <i>Basic and Clinical Neuroscience</i> , 2020, 11, 133-150.	0.3	74
12	Methodology for tDCS integration with fMRI. <i>Human Brain Mapping</i> , 2020, 41, 1950-1967.	1.9	69
13	A Roadmap for Integrating Neuroscience Into Addiction Treatment: A Consensus of the Neuroscience Interest Group of the International Society of Addiction Medicine. <i>Frontiers in Psychiatry</i> , 2019, 10, 877.	1.3	64
14	Transcranial DC stimulation modifies functional connectivity of large-scale brain networks in abstinent methamphetamine users. <i>Brain and Behavior</i> , 2018, 8, e00922.	1.0	63
15	Neuroscience-informed psychoeducation for addiction medicine: A neurocognitive perspective. <i>Progress in Brain Research</i> , 2017, 235, 239-264.	0.9	56
16	Oral Health of Drug Abusers: A Review of Health Effects and Care. <i>Iranian Journal of Public Health</i> , 2013, 42, 929-40.	0.3	54
17	Methamphetamine use and methadone maintenance treatment: An emerging problem in the drug addiction treatment network in Iran. <i>International Journal of Drug Policy</i> , 2013, 24, e115-e116.	1.6	52
18	Reorganization of Substance Use Treatment and Harm Reduction Services During the COVID-19 Pandemic: A Global Survey. <i>Frontiers in Psychiatry</i> , 2021, 12, 639393.	1.3	52

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19	Perspectives on neurocognitive rehabilitation as an adjunct treatment for addictive disorders. <i>Progress in Brain Research</i> , 2016, 224, 345-369.	0.9	50
20	A Global Survey on Changes in the Supply, Price, and Use of Illicit Drugs and Alcohol, and Related Complications During the 2020 COVID-19 Pandemic. <i>Frontiers in Psychiatry</i> , 2021, 12, 646206.	1.3	47
21	A Neurocomputational Model for Cocaine Addiction. <i>Neural Computation</i> , 2009, 21, 2869-2893.	1.3	43
22	Imprecise action selection in substance use disorder: Evidence for active learning impairments when solving the explore-exploit dilemma. <i>Drug and Alcohol Dependence</i> , 2020, 215, 108208.	1.6	42
23	The evolution of addiction treatment and harm reduction programs in Iran: a chaotic response or a synergistic diversity?. <i>Addiction</i> , 2020, 115, 1395-1403.	1.7	41
24	Drug-induced neurotoxicity in addiction medicine. <i>Progress in Brain Research</i> , 2016, 223, 19-41.	0.9	39
25	Patterns of pre-treatment drug abuse, drug treatment history and characteristics of addicts in methadone maintenance treatment in Iran. <i>Harm Reduction Journal</i> , 2012, 9, 18.	1.3	38
26	Cerebellum as a forward but not inverse model in visuomotor adaptation task: a tDCS-based and modeling study. <i>Experimental Brain Research</i> , 2016, 234, 997-1012.	0.7	37
27	Emergence of a methamphetamine crisis in Iran. <i>Drug and Alcohol Review</i> , 2013, 32, 223-224.	1.1	34
28	Aberrant decision-making and drug addiction – how strong is the evidence?. <i>Current Opinion in Behavioral Sciences</i> , 2017, 13, 25-33.	2.0	34
29	Cognitive rehabilitation for individuals with opioid use disorder: A randomized controlled trial. <i>Neuropsychological Rehabilitation</i> , 2019, 29, 1273-1289.	1.0	32
30	Modulation of Cold Pain Perception by Transcranial Direct Current Stimulation in Healthy Individuals. <i>Neuromodulation</i> , 2013, 16, 345-348.	0.4	31
31	Patterns of Brain Activation During Craving in Heroin Dependents Successfully Treated by Methadone Maintenance and Abstinence-Based Treatments. <i>Journal of Addiction Medicine</i> , 2014, 8, 123-129.	1.4	30
32	Physical characteristics not psychological state or trait characteristics predict motion during resting state fMRI. <i>Scientific Reports</i> , 2019, 9, 419.	1.6	30
33	The Role of Self-Sacrifice in Moral Dilemmas. <i>PLoS ONE</i> , 2015, 10, e0127409.	1.1	26
34	Impulsivity, Sensation Seeking, and Risk-Taking Behaviors among HIV-Positive and HIV-Negative Heroin Dependent Persons. <i>AIDS Research and Treatment</i> , 2016, 2016, 1-8.	0.3	26
35	Noninvasive brain stimulation for addiction medicine. <i>Progress in Brain Research</i> , 2016, 224, 371-399.	0.9	26
36	Transcranial Electric Stimulation for Precision Medicine: A Spatiomechanistic Framework. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 159.	1.0	26

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37	Optimizing Electrode Montages of Transcranial Direct Current Stimulation for Attentional Bias Modification in Early Abstinent Methamphetamine Users. <i>Frontiers in Pharmacology</i> , 2018, 9, 907.	1.6	26
38	Computer-aided classifying and characterizing of methamphetamine use disorder using resting-state EEG. <i>Cognitive Neurodynamics</i> , 2019, 13, 519-530.	2.3	26
39	A methodological checklist for fMRI drug cue reactivity studies: development and expert consensus. <i>Nature Protocols</i> , 2022, 17, 567-595.	5.5	26
40	Oral health status and its determinants among opiate dependents: a cross-sectional study. <i>BMC Oral Health</i> , 2019, 19, 5.	0.8	25
41	Methamphetamine and Opioid Cue Database (MOCD): Development and Validation. <i>Drug and Alcohol Dependence</i> , 2020, 209, 107941.	1.6	23
42	Psychological and behavioral traits in smokers and their relationship with nicotine dependence level. <i>Archives of Iranian Medicine</i> , 2010, 13, 395-405.	0.2	23
43	Metacognitive Deficiency in a Perceptual but Not a Memory Task in Methadone Maintenance Patients. <i>Scientific Reports</i> , 2017, 7, 7052.	1.6	22
44	Functional neuroimaging for addiction medicine. <i>Progress in Brain Research</i> , 2016, 224, 129-153.	0.9	21
45	Disrupted resting-state brain functional network in methamphetamine abusers: A brain source space study by EEG. <i>PLoS ONE</i> , 2019, 14, e0226249.	1.1	21
46	A checklist for assessing the methodological quality of concurrent tES-fMRI studies (ContES). <i>Frontiers in Psychology</i> , 2021, 12, 638211.	5.5	21
47	fMRI and transcranial electrical stimulation (tES): A systematic review of parameter space and outcomes. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 107, 110149.	2.5	20
48	Group and individual level variations between symmetric and asymmetric DLPFC montages for tDCS over large scale brain network nodes. <i>Scientific Reports</i> , 2021, 11, 1271.	1.6	20
49	Community-Based Relapse Prevention for Opiate Dependents: A Randomized Community Controlled Trial. <i>Community Mental Health Journal</i> , 2015, 51, 21-29.	1.1	16
50	NEuro COgnitive REhabilitation for Disease of Addiction (NECOREDA) Program: From Development to Trial. <i>Basic and Clinical Neuroscience</i> , 2015, 6, 291-8.	0.3	16
51	Validation for Persian Versions of "Desire for Drug Questionnaire" and "Obsessive Compulsive Drug Use Scale" in Heroin Dependents. <i>Archives of Iranian Medicine</i> , 2016, 19, 659-65.	0.2	16
52	Theoretical Tinnitus Framework: A Neurofunctional Model. <i>Frontiers in Neuroscience</i> , 2016, 10, 370.	1.4	15
53	Efficacy of Neurocognitive Rehabilitation After Coronary Artery Bypass Graft Surgery in Improving Quality of Life: An Interventional Trial. <i>Frontiers in Psychology</i> , 2019, 10, 1759.	1.1	15
54	It is never as good the second time around: Brain areas involved in salience processing habituate during repeated drug cue exposure in treatment engaged abstinent methamphetamine and opioid users. <i>NeuroImage</i> , 2021, 238, 118180.	2.1	15

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55	The polarity-dependent effects of the bilateral brain stimulation on working memory. <i>Basic and Clinical Neuroscience</i> , 2013, 4, 224-31.	0.3	15
56	fMRI as an outcome measure in clinical trials: A systematic review in <i>clinicaltrials.gov</i> . <i>Brain and Behavior</i> , 2021, 11, e02089.	1.0	13
57	Chronic heroin use disorder and the brain: Current evidence and future implications. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110148.	2.5	12
58	White matter microstructure differences in individuals with dependence on cocaine, methamphetamine, and nicotine: Findings from the ENIGMA-Addiction working group. <i>Drug and Alcohol Dependence</i> , 2022, 230, 109185.	1.6	12
59	How structural and functional MRI can inform dual-site tACS parameters: A case study in a clinical population and its pragmatic implications. <i>Brain Stimulation</i> , 2022, 15, 337-351.	0.7	12
60	The Rey Auditory Verbal Learning Test: alternate forms equivalency and reliability for the Iranian adult population (Persian version). <i>Archives of Iranian Medicine</i> , 2011, 14, 104-9.	0.2	12
61	Sustainable development of cognitive science and technology ecosystem; an overview to the "human brain project" as a functioning sample. <i>Basic and Clinical Neuroscience</i> , 2014, 5, 4-10.	0.3	11
62	The effects of chronic partial sleep deprivation on cognitive functions of medical residents. <i>Iranian Journal of Psychiatry</i> , 2010, 5, 74-7.	0.4	10
63	Slower Learning Rates from Negative Outcomes in Substance Use Disorder over a 1-Year Period and Their Potential Predictive Utility. <i>Computational Psychiatry</i> , 2022, 6, 117.	1.1	10
64	Imagining the Future to Reshape the Past: A Path to Combine Cue Extinction and Memory Reconsolidation With Episodic Foresight for Addiction Treatment. <i>Frontiers in Psychiatry</i> , 2021, 12, 692645.	1.3	9
65	Clinical translation and implementation neuroscience for novel cognitive interventions in addiction medicine. , 2020, , 393-404.		8
66	Methodological dimensions of transcranial brain stimulation with the electrical current in human. <i>Basic and Clinical Neuroscience</i> , 2013, 4, 190-208.	0.3	8
67	Text messages as a tool for assessing public concern about drug problems. <i>International Journal of Drug Policy</i> , 2013, 24, 624-627.	1.6	7
68	Does Ramadan Fasting Adversely Affect Cognitive Function in Young Females?. <i>Scientifica</i> , 2015, 2015, 1-6.	0.6	7
69	Changes in Effective Connectivity Network Patterns in Drug Abusers, Treated With Different Methods. <i>Basic and Clinical Neuroscience</i> , 2017, 8, 285-298.	0.3	7
70	Baseline executive functions and receiving cognitive rehabilitation can predict treatment response in people with opioid use disorder. <i>Journal of Substance Abuse Treatment</i> , 2021, 131, 108558.	1.5	7
71	Exploring Neural Correlates of Different Dimensions in Drug Craving Self-Reports among Heroin Dependents. <i>Basic and Clinical Neuroscience</i> , 2015, 6, 271-84.	0.3	7
72	Naltrexone in the treatment of opioid dependence. <i>British Journal of Hospital Medicine (London)</i> , Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	0.2	6

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73	Iranian Brain Imaging Database: A Neuropsychiatric Database of Healthy Brain. Basic and Clinical Neuroscience, 2021, 12, 115-132.	0.3	6
74	Public health risks associated with methadone in Iran: A systematic review and meta-analysis. International Journal of Drug Policy, 2022, 100, 103529.	1.6	6
75	Cue-induced craving and negative emotion disrupt response inhibition in methamphetamine use disorder: Behavioral and fMRI results from a mixed Go/No-Go task. Drug and Alcohol Dependence, 2022, 233, 109353.	1.6	6
76	Effects of Transcranial Direct Current Stimulation on Attentional Bias to Methamphetamine Cues and Its Association With EEG-Derived Functional Brain Network Topology. International Journal of Neuropsychopharmacology, 2022, 25, 631-644.	1.0	6
77	Preface: Neuroscience for Addiction Medicine. Progress in Brain Research, 2016, 223, xix-xx.	0.9	5
78	Decision-making deficits in substance use disorders. , 2020, , 25-61.		5
79	COVID-19 and Substance Use Disorder: Study Protocol for the International Society of Addiction Medicine Practice and Policy Interest Group Global Survey. Basic and Clinical Neuroscience, 2020, 11, 155-162.	0.3	5
80	Operationalizing Cognitive Science and Technologies' Research and Development; the "Brain and Cognition Study Group (BCSG)" Initiative from Shiraz, Iran. Basic and Clinical Neuroscience, 2014, 5, 104-16.	0.3	5
81	Preliminary Normative Data of Persian Phonemic and Semantic Verbal Fluency Test. Iranian Journal of Psychiatry, 2018, 13, 288-295.	0.4	5
82	Advertising representation, treatment menu and economic circulation of substance misuse treatment centers in Iran: A rapid survey based on newspaper advertisements. International Journal of Drug Policy, 2014, 25, 465-470.	1.6	4
83	Preface. Progress in Brain Research, 2016, 224, xxv-xxvi.	0.9	4
84	Neuroscience-Informed Psychoeducation for Recovery: A Program to Promote Metacognition in People With Substance Use Disorders. Basic and Clinical Neuroscience, 2021, 12, 597-606.	0.3	4
85	Locally Estimated Hemodynamic Response Function and Activation Detection Sensitivity in Heroin-Cue Reactivity Study. Basic and Clinical Neuroscience, 2016, 7, 299-314.	0.3	4
86	EVALUATION OF INHIBITION RESPONSE BEHAVIOR USING THE GO/NO-GO PARADIGM IN NORMAL INDIVIDUALS: EFFECTS OF VARIATIONS IN THE TASK DESIGN. Acta Neuropsychologica, 2016, 14, 357-366.	0.3	4
87	Drug Craving Terminology among Opiate Dependents; A Mixed Method Study. Iranian Journal of Psychiatry, 2013, 8, 97-103.	0.4	4
88	On the Effectiveness of Emotion Regulation Training in Anger Management and Emotional Regulation Difficulties in Adolescents. Modern Applied Science, 2016, 11, 114.	0.4	3
89	Enhancing Cognitive Resilience in Adolescence and Young Adults: A Multidimensional Approach. Emerging Issues in Family and Individual Resilience, 2021, , 45-64.	0.2	3
90	Neurocognitive Disorders in Substance Use Disorders. , 2021, , 1159-1176.		3

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91	“Evaluation of the Association between Addiction Severity Index and Depression with Adherence to Anti-retroviral Therapy among HIV Infected Patients” Infectious Disorders - Drug Targets, 2015, 15, 177-183.	0.4	3
92	Buprenorphine Added on Brief Cognitive Behavioral Therapy for Treatment of Methamphetamine Use Disorder. Iranian Journal of Psychiatry and Behavioral Sciences, 2018, 12, .	0.1	3
93	Temporally dynamic neural correlates of drug cue reactivity, response inhibition, and methamphetamine-related response inhibition in people with methamphetamine use disorder. Scientific Reports, 2022, 12, 3567.	1.6	3
94	Treatment outcome predictors in flexible dose-duration methadone detoxification program. Archives of Iranian Medicine, 2013, 16, 599-601.	0.2	3
95	Bias Toward Drug-Related Stimuli Is Affected by Loading Working Memory in Abstinent Ex-Methamphetamine Users. Frontiers in Psychiatry, 2019, 10, 776.	1.3	2
96	Comparison of Response Inhibition Behavior Between Methadone Maintenance Patients and Active Opiate Users. International Journal of High Risk Behaviors & Addiction, 2016, 6, .	0.1	2
97	Effects of Ramadan fasting on time perception task. Neurosciences, 2009, 14, 196-7.	0.1	2
98	Transcranial direct current stimulation to modulate brain reactivity to food cues in overweight and obese adults: study protocol for a randomized controlled trial with fMRI (NeuroStim-Obesity). Trials, 2022, 23, 297.	0.7	2
99	Investigating the relationship between subjective drug craving and temporal dynamics of the default mode network, executive control network, and salience network in methamphetamine dependents using rsfMRI. , 2016, , .		1
100	Evaluating the resource allocation index as a potential fMRI-based biomarker for substance use disorder. Drug and Alcohol Dependence, 2020, 216, 108211.	1.6	1
101	Editorial: Brain and Cognition for Addiction Medicine: From Prevention to Recovery. Frontiers in Psychiatry, 2020, 11, 590030.	1.3	1
102	Image-Derived Phenotyping Informed by Independent Component Analysis”An Atlas-Based Approach. Frontiers in Neuroscience, 2020, 14, 118.	1.4	1
103	Reduced Action Precision and Biased Learning in Substance Users When Solving the Explore-Exploit Dilemma: An Active Inference Modelling Approach. Biological Psychiatry, 2021, 89, S55-S56.	0.7	1
104	Transcranial Direct Current Stimulation in Addiction. , 2020, , 263-282.		1
105	Sexual Activities in Methamphetamine Users: A Qualitative Study on a Sample of Iranian Methamphetamine Users in Tehran. The Journal of Addictive Behaviors & Rehabilitation, 2015, 04, .	0.2	1
106	Lower Gray Matter Density in the Anterior Cingulate Cortex and Putamen Can Be Traceable in Chronic Heroin Dependents after over 3 Months of Successful Abstinence. Iranian Journal of Radiology, 2017, In press, .	0.1	1
107	A Trend Study on Media Representation and Economic Circulation of Drug Addiction Treatment Market in Iran: Development of Opioid Maintenance Services and Emergence of Treatment Menu for Amphetamines. Iranian Journal of Psychiatry and Behavioral Sciences, 2019, In Press, .	0.1	1
108	Risk Taking Behaviors in Patients with Borderline Personality Disorder. Procedia, Social and Behavioral Sciences, 2011, 30, 2597-2601.	0.5	0

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109	Group-level analysis of tDCS induced electric field with different electrode montages in participants with methamphetamine-use disorders. , 2019, , .		0
110	Sex differences in circulating inflammatory mediators as a function of substance use disorder. Drug and Alcohol Dependence, 2021, 221, 108610.	1.6	0
111	Neurocognitive Empowerment for Addiction Treatment (NEAT): study protocol for a randomized controlled trial. Trials, 2021, 22, 330.	0.7	0
112	Editorial: New Generation of Psychotherapies Inspired by Cognitive Neuroscience Development: Emergence of Neurocognitive Therapies. Basic and Clinical Neuroscience, 2016, 7, 179-84.	0.3	0
113	The Behavioral Responses of Consumers to the Intensity and Type of Fear Appeals Used in Anti-Obesity Advertisements: An Experimental Study on College Students in Tehran. Journal of Biostatistics and Epidemiology, 0, , .	0.0	0
114	Repetitive Transcranial Magnetic Stimulation in Addiction. , 2020, , 135-160.		0
115	The Persian Checklist of Pleasant Events (PCPE): Development, Validity and Reliability. Iranian Journal of Psychiatry, 2015, 10, 246-64.	0.4	0