

Igor Elman

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90
papers

5,035
citations

37
h-index

70
g-index

97
ext. papers

5,671
ext. citations

5.6
avg, IF

5.51
L-index

#	Paper	IF	Citations
90	Ketamine-induced exacerbation of psychotic symptoms and cognitive impairment in neuroleptic-free schizophrenics. <i>Neuropsychopharmacology</i> , 1997 , 17, 141-50	8.7	515
89	Comparison of ketamine-induced thought disorder in healthy volunteers and thought disorder in schizophrenia. <i>American Journal of Psychiatry</i> , 1999 , 156, 1646-9	11.9	279
88	Alterations in brain structure and functional connectivity in prescription opioid-dependent patients. <i>Brain</i> , 2010 , 133, 2098-114	11.2	263
87	Psychological processing in chronic pain: a neural systems approach. <i>Neuroscience and Biobehavioral Reviews</i> , 2014 , 39, 61-78	9	217
86	Common Brain Mechanisms of Chronic Pain and Addiction. <i>Neuron</i> , 2016 , 89, 11-36	13.9	173
85	Regionally specific neuronal pathology in untreated patients with schizophrenia: a proton magnetic resonance spectroscopic imaging study. <i>Biological Psychiatry</i> , 1998 , 43, 641-8	7.9	173
84	Clozapine blunts N-methyl-D-aspartate antagonist-induced psychosis: a study with ketamine. <i>Biological Psychiatry</i> , 1997 , 42, 664-8	7.9	170
83	Acute effect of methadone maintenance dose on brain FMRI response to heroin-related cues. <i>American Journal of Psychiatry</i> , 2008 , 165, 390-4	11.9	156
82	Aversion-related circuitry in the cerebellum: responses to noxious heat and unpleasant images. <i>Journal of Neuroscience</i> , 2011 , 31, 3795-804	6.6	154
81	Effects of NMDA antagonism on striatal dopamine release in healthy subjects: application of a novel PET approach. <i>Synapse</i> , 1998 , 29, 142-7	2.4	154
80	Pain and suicidality: insights from reward and addiction neuroscience. <i>Progress in Neurobiology</i> , 2013 , 109, 1-27	10.9	147
79	Pain and analgesia: the value of salience circuits. <i>Progress in Neurobiology</i> , 2013 , 104, 93-105	10.9	129
78	Decreased absolute amygdala volume in cocaine addicts. <i>Neuron</i> , 2004 , 44, 729-40	13.9	126
77	Reward deficiency and anti-reward in pain chronification. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 68, 282-297	9	122
76	Functional neuroimaging of reward circuitry responsivity to monetary gains and losses in posttraumatic stress disorder. <i>Biological Psychiatry</i> , 2009 , 66, 1083-90	7.9	121
75	Gender differences in cocaine craving among non-treatment-seeking individuals with cocaine dependence. <i>American Journal of Drug and Alcohol Abuse</i> , 2001 , 27, 193-202	3.7	117
74	Dopamine D2 receptor density and personal detachment in healthy subjects. <i>American Journal of Psychiatry</i> , 1998 , 155, 1440-2	11.9	108

73	The cerebellum and addiction: insights gained from neuroimaging research. <i>Addiction Biology</i> , 2014 , 19, 317-31	4.6	104
72	Food intake and reward mechanisms in patients with schizophrenia: implications for metabolic disturbances and treatment with second-generation antipsychotic agents. <i>Neuropsychopharmacology</i> , 2006 , 31, 2091-120	8.7	102
71	Reward-aversion circuitry in analgesia and pain: implications for psychiatric disorders. <i>European Journal of Pain</i> , 2007 , 11, 7-20	3.7	96
70	The missing p in psychiatric training: why it is important to teach pain to psychiatrists. <i>Archives of General Psychiatry</i> , 2011 , 68, 12-20		85
69	Molecular role of dopamine in anhedonia linked to reward deficiency syndrome (RDS) and anti-reward systems. <i>Frontiers in Bioscience - Scholar</i> , 2018 , 10, 309-325	2.4	78
68	When pain gets stuck: the evolution of pain chronification and treatment resistance. <i>Pain</i> , 2018 , 159, 2421-2436	8	76
67	Probing reward function in posttraumatic stress disorder: expectancy and satisfaction with monetary gains and losses. <i>Journal of Psychiatric Research</i> , 2008 , 42, 802-7	5.2	65
66	Probing reward function in post-traumatic stress disorder with beautiful facial images. <i>Psychiatry Research</i> , 2005 , 135, 179-83	9.9	65
65	Effect of acute metabolic stress on pituitary-adrenal axis activation in patients with schizophrenia. <i>American Journal of Psychiatry</i> , 1998 , 155, 979-81	11.9	62
64	Effects of acute metabolic stress on striatal dopamine release in healthy volunteers. <i>Neuropsychopharmacology</i> , 2000 , 22, 545-50	8.7	59
63	Gender differences in the motivational processing of facial beauty. <i>Learning and Motivation</i> , 2008 , 39, 136-136	1.3	50
62	Modulation of CNS pain circuitry by intravenous and sublingual doses of buprenorphine. <i>NeuroImage</i> , 2012 , 59, 3762-73	7.9	43
61	Gender differences in the motivational processing of babies are determined by their facial attractiveness. <i>PLoS ONE</i> , 2009 , 4, e6042	3.7	43
60	Effects of acute metabolic stress on the dopaminergic and pituitary-adrenal axis activity in patients with schizotypal personality disorder. <i>Schizophrenia Research</i> , 2004 , 70, 27-31	3.6	42
59	Mechanism of peripheral noradrenergic stimulation by clozapine. <i>Neuropsychopharmacology</i> , 1999 , 20, 29-34	8.7	40
58	Psychosocial stress and its relationship to gambling urges in individuals with pathological gambling. <i>American Journal on Addictions</i> , 2010 , 19, 332-9	3.7	39
57	Cocaine-primed craving and its relationship to depressive symptomatology in individuals with cocaine dependence. <i>Journal of Psychopharmacology</i> , 2002 , 16, 163-7	4.6	39
56	Effects of methylphenidate discontinuation on cerebral blood flow in prepubescent boys with attention deficit hyperactivity disorder. <i>Journal of Nuclear Medicine</i> , 2002 , 43, 1624-9	8.9	38

55	Effects of acute metabolic stress on plasma progesterone and testosterone in male subjects: relationship to pituitary-adrenocortical axis activation. <i>Life Sciences</i> , 1997 , 61, 1705-12	6.8	37
54	Psychosocial stress and the duration of cocaine use in non-treatment seeking individuals with cocaine dependence. <i>American Journal of Drug and Alcohol Abuse</i> , 2003 , 29, 539-51	3.7	37
53	Extended-release naltrexone modulates brain response to drug cues in abstinent heroin-dependent patients. <i>Addiction Biology</i> , 2014 , 19, 262-71	4.6	36
52	Emotional graphic cigarette warning labels reduce the electrophysiological brain response to smoking cues. <i>Addiction Biology</i> , 2015 , 20, 368-76	4.6	35
51	Depot naltrexone decreases rewarding properties of sugar in patients with opioid dependence. <i>Psychopharmacology</i> , 2012 , 220, 559-64	4.7	35
50	Neuroanatomic comparison of bipolar adolescents with and without cannabis use disorders. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2008 , 18, 557-63	2.9	33
49	Effect of methylphenidate on Stroop Color-Word task performance in children with attention deficit hyperactivity disorder. <i>Psychiatry Research</i> , 2006 , 141, 315-20	9.9	31
48	Ultrarapid opioid detoxification: effects on cardiopulmonary physiology, stress hormones and clinical outcomes. <i>Drug and Alcohol Dependence</i> , 2001 , 61, 163-72	4.9	31
47	Neural correlates of adherence to extended-release naltrexone pharmacotherapy in heroin dependence. <i>Translational Psychiatry</i> , 2015 , 5, e531	8.6	27
46	Threat Response System: Parallel Brain Processes in Pain vis-à-vis Fear and Anxiety. <i>Frontiers in Psychiatry</i> , 2018 , 9, 29	5	27
45	Acute cortisol administration triggers craving in individuals with cocaine dependence. <i>Psychopharmacology Bulletin</i> , 2003 , 37, 84-9	0.9	27
44	Depressive symptomatology and cocaine-induced pituitary-adrenal axis activation in individuals with cocaine dependence. <i>Drug and Alcohol Dependence</i> , 1999 , 56, 39-45	4.9	25
43	Yohimbine-induced amygdala activation in pathological gamblers: a pilot study. <i>PLoS ONE</i> , 2012 , 7, e31113	3.8	23
42	The effects of pharmacological doses of 2-deoxyglucose on cerebral blood flow in healthy volunteers. <i>Brain Research</i> , 1999 , 815, 243-9	3.7	23
41	Effects of acute metabolic stress on the peripheral vasopressinergic system in schizophrenia. <i>Journal of Psychopharmacology</i> , 2003 , 17, 317-23	4.6	22
40	Effects of risperidone on the peripheral noradrenergic system in patients with schizophrenia: a comparison with clozapine and placebo. <i>Neuropsychopharmacology</i> , 2002 , 27, 293-300	8.7	20
39	The effect of naltrexone on body fat mass in olanzapine-treated schizophrenic or schizoaffective patients: a randomized double-blind placebo-controlled pilot study. <i>Journal of Psychopharmacology</i> , 2014 , 28, 395-400	4.6	19
38	The validity of self-reported drug use in non-treatment seeking individuals with cocaine dependence: correlation with biochemical assays. <i>American Journal on Addictions</i> , 2000 , 9, 216-21	3.7	19

37	Inverse relationship between plasma epinephrine and testosterone levels during acute glucoprivation in healthy men. <i>Life Sciences</i> , 2001 , 68, 1889-98	6.8	19
36	Reward and aversion processing in patients with post-traumatic stress disorder: functional neuroimaging with visual and thermal stimuli. <i>Translational Psychiatry</i> , 2018 , 8, 240	8.6	19
35	Gender differences in psychosocial stress and in its relationship to gambling urges in individuals with pathological gambling. <i>Journal of Addictive Diseases</i> , 2011 , 30, 81-7	1.7	18
34	Effects of acute cortisol and cocaine administration on attention, recall and recognition task performance in individuals with cocaine dependence. <i>Human Psychopharmacology</i> , 2004 , 19, 511-6	2.3	16
33	Effects of naltrexone on food intake and body weight gain in olanzapine-treated rats. <i>Journal of Psychopharmacology</i> , 2012 , 26, 1244-51	4.6	15
32	Is There Such Thing as a Schizophrenic Stomach?. <i>Neuropsychopharmacology</i> , 2006 , 31, 2328	8.7	15
31	The failing cascade: Comorbid post traumatic stress- and opioid use disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 103, 374-383	9	14
30	Effects of perceived cocaine availability on subjective and objective responses to the drug. <i>Substance Abuse Treatment, Prevention, and Policy</i> , 2007 , 2, 30	3.4	14
29	Subliminal (latent) processing of pain and its evolution to conscious awareness. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 88, 1-15	9	13
28	Effects of atypical antipsychotic drug treatment on amphetamine-induced striatal dopamine release in patients with psychotic disorders. <i>Neuropsychopharmacology</i> , 1999 , 20, 340-5	8.7	13
27	Post-traumatic stress symptoms in pathological gambling: Potential evidence of anti-reward processes. <i>Journal of Behavioral Addictions</i> , 2017 , 6, 98-101	6.3	12
26	Clinical outcomes following cocaine infusion in nontreatment-seeking individuals with cocaine dependence. <i>Biological Psychiatry</i> , 2001 , 49, 553-5	7.9	12
25	Pain in an era of armed conflicts: Prevention and treatment for warfighters and civilian casualties. <i>Progress in Neurobiology</i> , 2016 , 141, 25-44	10.9	12
24	Amphetamine-induced dopamine release and post-synaptic specific binding in patients with mild tardive dyskinesia. <i>Neuropsychopharmacology</i> , 2002 , 26, 295-300	8.7	10
23	Sustained opioid antagonism modulates striatal sensitivity to baby schema in opioid use disorder. <i>Journal of Substance Abuse Treatment</i> , 2018 , 85, 70-77	4.2	9
22	Effects of pharmacological doses of 2-deoxyglucose on plasma catecholamines and glucose levels in patients with schizophrenia. <i>Psychopharmacology</i> , 2004 , 176, 369-75	4.7	9
21	Our evolved unique pleasure circuit makes humans different from apes: Reconsideration of data derived from animal studies. <i>Journal of Systems and Integrative Neuroscience</i> , 2018 , 4,	2.9	8
20	Effects of cortisol and cocaine on plasma prolactin and growth hormone levels in cocaine-dependent volunteers. <i>Addictive Behaviors</i> , 2005 , 30, 859-64	4.2	7

19	Metabolic and Addiction Indices in Patients on Opioid Agonist Medication-Assisted Treatment: A Comparison of Buprenorphine and Methadone. <i>Scientific Reports</i> , 2020 , 10, 5617	4.9	6
18	Impaired reproduction of three-dimensional objects by cocaine-dependent subjects. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2008 , 20, 478-84	2.7	6
17	Neurological soft signs in individuals with pathological gambling. <i>PLoS ONE</i> , 2013 , 8, e60885	3.7	5
16	A Novel Precision Approach to Overcome the "Addiction Pandemic" by Incorporating Genetic Addiction Risk Severity (GARS) and Dopamine Homeostasis Restoration. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	4
15	Reduced cigarette smoking during injectable extended-release naltrexone treatment for opioid use disorder. <i>American Journal of Drug and Alcohol Abuse</i> , 2020 , 46, 472-477	3.7	3
14	Cocaine decreases plasma insulin concentrations in non-diabetic subjects: a randomized double-blind study. <i>Diabetic Medicine</i> , 2008 , 25, 510-1	3.5	3
13	Clinical Correlates of Oral Glucose Tolerance Test Performance in Olanzapine-Treated Patients with Schizophrenia or Schizoaffective Disorder. <i>Journal of Clinical Psychiatry</i> , 2016 , 77, e1650-e1651	4.6	3
12	Co-occurring Disordered Gambling Among Treatment-Seekers at a Community Outpatient Addiction Clinic. <i>Journal of Addiction Medicine</i> , 2016 , 10, 339-43	3.8	2
11	Oral glucose tolerance test performance in olanzapine-treated schizophrenia-spectrum patients is predicted by BMI and triglycerides but not olanzapine dose or duration. <i>Human Psychopharmacology</i> , 2017 , 32, e2604	2.3	2
10	Reward Deficiency Syndrome (RDS): A Cytoarchitectural Common Neurobiological Trait of All Addictions. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
9	Visuospatial and Sensory Integration Tasks in Patients With Schizophrenia or Schizoaffective Disorder: Relationship to Body Mass Index and Smoking. <i>Frontiers in Psychiatry</i> , 2018 , 9, 473	5	2
8	Integrating psychology research and behavioral management. <i>Psychology Research and Behavior Management</i> , 2011 , 4, 11-2	3.8	1
7	Beating Pain with Psychedelics: Matter over Mind?. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 134, 104482-104482	9	1
6	Mechanisms Underlying Unconscious Processing and Their Alterations in Post-traumatic Stress Disorder: Neuroimaging of Zero Monetary Outcomes Contextually Framed as "No Losses" vs. "No Gains". <i>Frontiers in Neuroscience</i> , 2020 , 14, 604867	5.1	0
5	Endorphinergic Enhancement Attenuation of Post-traumatic Stress Disorder (PTSD) Activation of Neuro-immunological Function in the Face of a Viral Pandemic. <i>Current Psychopharmacology</i> , 2021 , 10, 86-97	0.6	0
4	Left to themselves: Time to target chronic pain in childhood rare diseases. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 126, 276-288	9	0
3	Precision Behavioral Management (PBM) and Cognitive Control as a Potential Therapeutic and Prophylactic Modality for Reward Deficiency Syndrome (RDS): Is There Enough Evidence?. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 6395	4.6	0
2	Hypothesizing Major Depression as a Subset of Reward Deficiency Syndrome (RDS) Linked to Polymorphic Reward Genes: Considerations for Translational Medicine Approaches for Future Drug Development. <i>Handbook of Behavioral Neuroscience</i> , 2019 , 419-426	0.7	

- 1 The Omnipresence of Autonomic Modulation in Health and Disease.. *Progress in Neurobiology*, **2022**, 210, 102218 10.9