

# Martin P Paulus

## 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.

338  
papers

19,720  
citations

73  
h-index

129  
g-index

371  
ext. papers

23,216  
ext. citations

5.7  
avg, IF

7.2  
L-index

#	Paper	IF	Citations
338	An insular view of anxiety. <i>Biological Psychiatry</i> , <b>2006</b> , 60, 383-7	7.9	998
337	Increased amygdala and insula activation during emotion processing in anxiety-prone subjects. <i>American Journal of Psychiatry</i> , <b>2007</b> , 164, 318-27	11.9	600
336	New insights into symptoms and neurocircuit function of anorexia nervosa. <i>Nature Reviews Neuroscience</i> , <b>2009</b> , 10, 573-84	13.5	564
335	Increased activation in the right insula during risk-taking decision making is related to harm avoidance and neuroticism. <i>NeuroImage</i> , <b>2003</b> , 19, 1439-48	7.9	561
334	Interoception in anxiety and depression. <i>Brain Structure and Function</i> , <b>2010</b> , 214, 451-63	4	457
333	The neurocircuitry of impaired insight in drug addiction. <i>Trends in Cognitive Sciences</i> , <b>2009</b> , 13, 372-80	14	439
332	Executive function and PTSD: disengaging from trauma. <i>Neuropharmacology</i> , <b>2012</b> , 62, 686-94	5.5	382
331	Decision making, impulsivity and time perception. <i>Trends in Cognitive Sciences</i> , <b>2008</b> , 12, 7-12	14	362
330	Neural activation patterns of methamphetamine-dependent subjects during decision making predict relapse. <i>Archives of General Psychiatry</i> , <b>2005</b> , 62, 761-8		309
329	Neural response to alcohol stimuli in adolescents with alcohol use disorder. <i>Archives of General Psychiatry</i> , <b>2003</b> , 60, 727-35		286
328	Interoception and Mental Health: A Roadmap. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2018</b> , 3, 501-513	3.4	283
327	Functional MRI of inhibitory processing in abstinent adolescent marijuana users. <i>Psychopharmacology</i> , <b>2007</b> , 194, 173-83	4.7	253
326	Decision-making dysfunctions in psychiatry--altered homeostatic processing?. <i>Science</i> , <b>2007</b> , 318, 602-6	33.3	251
325	Anticipation of aversive visual stimuli is associated with increased insula activation in anxiety-prone subjects. <i>Biological Psychiatry</i> , <b>2006</b> , 60, 402-9	7.9	240
324	Interoception, contemplative practice, and health. <i>Frontiers in Psychology</i> , <b>2015</b> , 6, 763	3.4	237
323	Resting-state functional connectivity of subgenual anterior cingulate cortex in depressed adolescents. <i>Biological Psychiatry</i> , <b>2013</b> , 74, 898-907	7.9	233
322	Dose-dependent decrease of activation in bilateral amygdala and insula by lorazepam during emotion processing. <i>Archives of General Psychiatry</i> , <b>2005</b> , 62, 282-8		232

321	Behavioral and functional neuroimaging evidence for prefrontal dysfunction in methamphetamine-dependent subjects. <i>Neuropsychopharmacology</i> , <b>2002</b> , 26, 53-63	8.7	215
320	Association of major depressive disorder with altered functional brain response during anticipation and processing of heat pain. <i>Archives of General Psychiatry</i> , <b>2008</b> , 65, 1275-84		204
319	Time and decision making: differential contribution of the posterior insular cortex and the striatum during a delay discounting task. <i>Experimental Brain Research</i> , <b>2007</b> , 179, 643-53	2.3	201
318	Demographic, physical and mental health assessments in the adolescent brain and cognitive development study: Rationale and description. <i>Developmental Cognitive Neuroscience</i> , <b>2018</b> , 32, 55-66	5.5	198
317	Neural activation during inhibition predicts initiation of substance use in adolescence. <i>Drug and Alcohol Dependence</i> , <b>2011</b> , 119, 216-23	4.9	194
316	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , <b>2019</b> , 202, 116091	7.9	184
315	Decision making by methamphetamine-dependent subjects is associated with error-rate-independent decrease in prefrontal and parietal activation. <i>Biological Psychiatry</i> , <b>2003</b> , 53, 65-74	7.9	179
314	Exaggerated and disconnected insular-amygdalar blood oxygenation level-dependent response to threat-related emotional faces in women with intimate-partner violence posttraumatic stress disorder. <i>Biological Psychiatry</i> , <b>2010</b> , 68, 433-41	7.9	172
313	Prefrontal, parietal, and temporal cortex networks underlie decision-making in the presence of uncertainty. <i>NeuroImage</i> , <b>2001</b> , 13, 91-100	7.9	170
312	Interoception and drug addiction. <i>Neuropharmacology</i> , <b>2014</b> , 76 Pt B, 342-50	5.5	161
311	Escitalopram effects on insula and amygdala BOLD activation during emotional processing. <i>Psychopharmacology</i> , <b>2008</b> , 196, 661-72	4.7	157
310	Anticipation of emotionally aversive visual stimuli activates right insula. <i>NeuroReport</i> , <b>2004</b> , 15, 2261-5	1.7	154
309	Ventromedial prefrontal cortex activation is critical for preference judgments. <i>NeuroReport</i> , <b>2003</b> , 14, 1311-5	1.7	146
308	Emotion and decision-making: affect-driven belief systems in anxiety and depression. <i>Trends in Cognitive Sciences</i> , <b>2012</b> , 16, 476-83	14	144
307	Decreased functional coupling of the amygdala and supragenual cingulate is related to increased depression in unmedicated individuals with current major depressive disorder. <i>Journal of Affective Disorders</i> , <b>2008</b> , 111, 13-20	6.6	144
306	Prefrontal dysfunction during emotion regulation in generalized anxiety and panic disorders. <i>Psychological Medicine</i> , <b>2013</b> , 43, 1475-86	6.9	137
305	Modifying resilience mechanisms in at-risk individuals: a controlled study of mindfulness training in Marines preparing for deployment. <i>American Journal of Psychiatry</i> , <b>2014</b> , 171, 844-53	11.9	136
304	An FMRI study of response inhibition in youths with a family history of alcoholism. <i>Annals of the New York Academy of Sciences</i> , <b>2004</b> , 1021, 391-4	6.5	136

303	Amygdala response and functional connectivity during emotion regulation: a study of 14 depressed adolescents. <i>Journal of Affective Disorders</i> , <b>2012</b> , 139, 75-84	6.6	135
302	Accumulation of neural activity in the posterior insula encodes the passage of time. <i>Neuropsychologia</i> , <b>2010</b> , 48, 3110-20	3.2	135
301	Functional activation and neural networks in women with posttraumatic stress disorder related to intimate partner violence. <i>Biological Psychiatry</i> , <b>2008</b> , 64, 681-690	7.9	135
300	Altered insula response to sweet taste processing after recovery from anorexia and bulimia nervosa. <i>American Journal of Psychiatry</i> , <b>2013</b> , 170, 1143-51	11.9	129
299	Dorsolateral prefrontal cortex activation during emotional anticipation and neuropsychological performance in posttraumatic stress disorder. <i>Archives of General Psychiatry</i> , <b>2012</b> , 69, 360-71		127
298	Prenatal alcohol exposure affects frontal-striatal BOLD response during inhibitory control. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2007</b> , 31, 1415-24	3.7	123
297	Anterior insular cortex anticipates impending stimulus significance. <i>NeuroImage</i> , <b>2009</b> , 45, 976-83	7.9	118
296	Selective activation of the nucleus accumbens during risk-taking decision making. <i>NeuroReport</i> , <b>2004</b> , 15, 2123-7	1.7	117
295	Emotion-Dependent Functional Connectivity of the Default Mode Network in Adolescent Depression. <i>Biological Psychiatry</i> , <b>2015</b> , 78, 635-46	7.9	116
294	Affective Influence on Judgments and Decisions: Moving towards Core Mechanisms. <i>Review of General Psychology</i> , <b>2007</b> , 11, 179-192	3.9	116
293	Neural systems underlying approach and avoidance in anxiety disorders. <i>Dialogues in Clinical Neuroscience</i> , <b>2010</b> , 12, 517-31	5.7	114
292	Mega-Analysis of Gray Matter Volume in Substance Dependence: General and Substance-Specific Regional Effects. <i>American Journal of Psychiatry</i> , <b>2019</b> , 176, 119-128	11.9	114
291	Error rate and outcome predictability affect neural activation in prefrontal cortex and anterior cingulate during decision-making. <i>NeuroImage</i> , <b>2002</b> , 15, 836-46	7.9	112
290	A temporal and spatial scaling hypothesis for the behavioral effects of psychostimulants. <i>Psychopharmacology</i> , <b>1991</b> , 104, 6-16	4.7	112
289	Intolerance of uncertainty correlates with insula activation during affective ambiguity. <i>Neuroscience Letters</i> , <b>2008</b> , 430, 92-7	3.3	110
288	Impaired time perception and motor timing in stimulant-dependent subjects. <i>Drug and Alcohol Dependence</i> , <b>2007</b> , 90, 183-92	4.9	110
287	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> , <b>2019</b> , 104, 118-140	9	109
286	Superior temporal gyrus and insula provide response and outcome-dependent information during assessment and action selection in a decision-making situation. <i>NeuroImage</i> , <b>2005</b> , 25, 607-15	7.9	107

285	Functioning of neural systems supporting emotion regulation in anxiety-prone individuals. <i>NeuroImage</i> , <b>2011</b> , 54, 689-96	7.9	104
284	Adolescents With Major Depression Demonstrate Increased Amygdala Activation. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2010</b> , 49, 42-51	7.2	104
283	The role of interoception and alliesthesia in addiction. <i>Pharmacology Biochemistry and Behavior</i> , <b>2009</b> , 94, 1-7	3.9	99
282	Anterior cingulate activity modulates nonlinear decision weight function of uncertain prospects. <i>NeuroImage</i> , <b>2006</b> , 30, 668-77	7.9	99
281	Functional connectivity of negative emotional processing in adolescent depression. <i>Journal of Affective Disorders</i> , <b>2014</b> , 155, 65-74	6.6	98
280	Ventromedial prefrontal cortex activation is critical for preference judgments. <i>NeuroReport</i> , <b>2003</b> , 14, 1311-1315	1.7	94
279	An Active Inference Approach to Interoceptive Psychopathology. <i>Annual Review of Clinical Psychology</i> , <b>2019</b> , 15, 97-122	20.5	90
278	Neural substrates of approach-avoidance conflict decision-making. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 449-62		89
277	A neuroscience approach to optimizing brain resources for human performance in extreme environments. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2009</b> , 33, 1080-8	9	87
276	Common and disorder-specific neural responses to emotional faces in generalised anxiety, social anxiety and panic disorders. <i>British Journal of Psychiatry</i> , <b>2015</b> , 206, 206-15	5.4	86
275	Are there volumetric brain differences associated with the use of cocaine and amphetamine-type stimulants?. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2013</b> , 37, 300-16	9	85
274	Anterior cingulate activation in high trait anxious subjects is related to altered error processing during decision making. <i>Biological Psychiatry</i> , <b>2004</b> , 55, 1179-87	7.9	85
273	Neurocircuitry of eating disorders. <i>Current Topics in Behavioral Neurosciences</i> , <b>2011</b> , 6, 37-57	3.4	82
272	Anxiety positive subjects show altered processing in the anterior insula during anticipation of negative stimuli. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 1836-46	5.9	80
271	Adolescents with major depression demonstrate increased amygdala activation. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2010</b> , 49, 42-51	7.2	79
270	Location, location: using functional magnetic resonance imaging to pinpoint brain differences relevant to stimulant use. <i>Addiction</i> , <b>2007</b> , 102 Suppl 1, 33-43	4.6	79
269	Single-subject anxiety treatment outcome prediction using functional neuroimaging. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 1254-61	8.7	77
268	Increased risk-taking decision-making but not altered response to punishment in stimulant-using young adults. <i>Drug and Alcohol Dependence</i> , <b>2005</b> , 78, 83-90	4.9	75

267	Altered risk-related processing in substance users: imbalance of pain and gain. <i>Drug and Alcohol Dependence</i> , <b>2013</b> , 132, 13-21	4.9	74
266	Neural Predictors of Initiating Alcohol Use During Adolescence. <i>American Journal of Psychiatry</i> , <b>2017</b> , 174, 172-185	11.9	73
265	Neural substrates of time perception and impulsivity. <i>Brain Research</i> , <b>2011</b> , 1406, 43-58	3.7	73
264	Use of methods from chaos theory to quantify a fundamental dysfunction in the behavioral organization of schizophrenic patients. <i>American Journal of Psychiatry</i> , <b>1996</b> , 153, 714-7	11.9	71
263	Dissociation of inhibition from error processing using a parametric inhibitory task during functional magnetic resonance imaging. <i>NeuroReport</i> , <b>2005</b> , 16, 755-60	1.7	70
262	Selective effects of social anxiety, anxiety sensitivity, and negative affectivity on the neural bases of emotional face processing. <i>NeuroImage</i> , <b>2012</b> , 59, 1879-87	7.9	69
261	Neural basis of egalitarian behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 6479-83	11.5	68
260	Subjecting elite athletes to inspiratory breathing load reveals behavioral and neural signatures of optimal performers in extreme environments. <i>PLoS ONE</i> , <b>2012</b> , 7, e29394	3.7	66
259	Randomized Placebo-Controlled Trial of Methylphenidate or Galantamine for Persistent Emotional and Cognitive Symptoms Associated with PTSD and/or Traumatic Brain Injury. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 1191-8	8.7	65
258	Application of entropy measures derived from the ergodic theory of dynamical systems to rat locomotor behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1990</b> , 87, 723-7	11.5	65
257	Mindfulness-based training attenuates insula response to an aversive interoceptive challenge. <i>Social Cognitive and Affective Neuroscience</i> , <b>2016</b> , 11, 182-90	4	63
256	Neural responses during emotional processing before and after cognitive trauma therapy for battered women. <i>Psychiatry Research - Neuroimaging</i> , <b>2013</b> , 214, 48-55	2.9	63
255	Imbalance of approach and avoidance: the yin and yang of anxiety disorders. <i>Biological Psychiatry</i> , <b>2009</b> , 66, 1072-4	7.9	63
254	Chaos and schizophrenia: does the method fit the madness?. <i>Biological Psychiatry</i> , <b>2003</b> , 53, 3-11	7.9	63
253	Assessment of culture and environment in the Adolescent Brain and Cognitive Development Study: Rationale, description of measures, and early data. <i>Developmental Cognitive Neuroscience</i> , <b>2018</b> , 32, 107-120	5.5	62
252	Altered cerebral perfusion in executive, affective, and motor networks during adolescent depression. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , <b>2013</b> , 52, 1076-1091.e2	7.2	62
251	Parietal dysfunction is associated with increased outcome-related decision-making in schizophrenia patients. <i>Biological Psychiatry</i> , <b>2002</b> , 51, 995-1004	7.9	62
250	Increased anterior insula activity in anxious individuals is linked to diminished perceived control. <i>Translational Psychiatry</i> , <b>2015</b> , 5, e591	8.6	61

249	Effects of hallucinogens on locomotor and investigatory activity and patterns: influence of 5-HT2A and 5-HT2C receptors. <i>Neuropsychopharmacology</i> , <b>1998</b> , 18, 339-51	8.7	61
248	Toward biomarkers of the addicted human brain: Using neuroimaging to predict relapse and sustained abstinence in substance use disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 80, 143-154	5.5	59
247	Neural functional and structural correlates of childhood maltreatment in women with intimate-partner violence-related posttraumatic stress disorder. <i>Psychiatry Research - Neuroimaging</i> , <b>2013</b> , 211, 93-103	2.9	59
246	Now or later? Striatum and insula activation to immediate versus delayed rewards. <i>Journal of Neuroscience, Psychology, and Economics</i> , <b>2010</b> , 3, 15-26	1.6	57
245	Cognitive-behavioral therapy for generalized anxiety disorder is associated with attenuation of limbic activation to threat-related facial emotions. <i>Journal of Affective Disorders</i> , <b>2014</b> , 169, 76-85	6.6	56
244	You are the danger: attenuated insula response in methamphetamine users during aversive interoceptive decision-making. <i>Drug and Alcohol Dependence</i> , <b>2014</b> , 142, 110-9	4.9	56
243	A reverse translational approach to quantify approach-avoidance conflict in humans. <i>Behavioural Brain Research</i> , <b>2011</b> , 225, 455-63	3.4	56
242	Level of response to alcohol and brain response during visual working memory. <i>Journal of Studies on Alcohol and Drugs</i> , <b>2004</b> , 65, 692-700		56
241	Intolerance of uncertainty as a mediator of reductions in worry in a cognitive behavioral treatment program for generalized anxiety disorder. <i>Journal of Anxiety Disorders</i> , <b>2015</b> , 33, 90-4	10.9	55
240	Increased brain response to appetitive tastes in the insula and amygdala in obese compared with healthy weight children when sated. <i>International Journal of Obesity</i> , <b>2015</b> , 39, 620-8	5.5	55
239	Increased amygdala activation is related to heart rate during emotion processing in adolescent subjects. <i>Neuroscience Letters</i> , <b>2007</b> , 428, 109-14	3.3	55
238	The Challenges and Opportunities of Small Effects: The New Normal in Academic Psychiatry. <i>JAMA Psychiatry</i> , <b>2019</b> , 76, 353-354	14.5	54
237	The role of the left inferior frontal gyrus in social perception: an rTMS study. <i>Brain Research</i> , <b>2011</b> , 1383, 196-205	3.7	54
236	Subchronic SSRI administration reduces insula response during affective anticipation in healthy volunteers. <i>International Journal of Neuropsychopharmacology</i> , <b>2009</b> , 12, 1009-20	5.8	54
235	Altered cingulate and insular cortex activation during risk-taking in methamphetamine dependence: losses lose impact. <i>Addiction</i> , <b>2014</b> , 109, 237-47	4.6	53
234	The neural substrates of subjective time dilation. <i>Frontiers in Human Neuroscience</i> , <b>2010</b> , 4, 2	3.3	53
233	Screen media activity and brain structure in youth: Evidence for diverse structural correlation networks from the ABCD study. <i>NeuroImage</i> , <b>2019</b> , 185, 140-153	7.9	53
232	Early life stress and the anxious brain: evidence for a neural mechanism linking childhood emotional maltreatment to anxiety in adulthood. <i>Psychological Medicine</i> , <b>2016</b> , 46, 1037-54	6.9	52



231	Brain activation during fear extinction predicts exposure success. <i>Depression and Anxiety</i> , <b>2017</b> , 34, 257-266	2.6	51
230	Inhibition-related activity in subgenual cingulate is associated with symptom severity in major depression. <i>Psychiatry Research - Neuroimaging</i> , <b>2009</b> , 172, 1-6	2.9	51
229	Depressed adolescents demonstrate greater subgenual anterior cingulate activity. <i>NeuroReport</i> , <b>2009</b> , 20, 440-4	1.7	51
228	Increased affective bias revealed using experimental graded heat stimuli in young depressed adults: evidence of "emotional allodynia". <i>Psychosomatic Medicine</i> , <b>2008</b> , 70, 338-44	3.7	51
227	The Insular Cortex Dynamically Maps Changes in Cardiorespiratory Interoception. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 426-434	8.7	50
226	Pragmatism Instead of Mechanism: A Call for Impactful Biological Psychiatry. <i>JAMA Psychiatry</i> , <b>2015</b> , 72, 631-2	14.5	50
225	The effects of MDMA and other methylenedioxy-substituted phenylalkylamines on the structure of rat locomotor activity. <i>Neuropsychopharmacology</i> , <b>1992</b> , 7, 15-31	8.7	49
224	Neural basis of reward and craving--a homeostatic point of view. <i>Dialogues in Clinical Neuroscience</i> , <b>2007</b> , 9, 379-87	5.7	49
223	Individualized relapse prediction: Personality measures and striatal and insular activity during reward-processing robustly predict relapse. <i>Drug and Alcohol Dependence</i> , <b>2015</b> , 152, 93-101	4.9	48
222	Neurobiology, Clinical Presentation, and Treatment of Methamphetamine Use Disorder: A Review. <i>JAMA Psychiatry</i> , <b>2020</b> , 77, 959-966	14.5	48
221	Neural correlates of a computerized attention modification program in anxious subjects. <i>Social Cognitive and Affective Neuroscience</i> , <b>2014</b> , 9, 1379-87	4	47
220	Alcohol effects on cerebral blood flow in subjects with low and high responses to alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2011</b> , 35, 1034-40	3.7	47
219	Pregabalin influences insula and amygdala activation during anticipation of emotional images. <i>Neuropsychopharmacology</i> , <b>2011</b> , 36, 1466-77	8.7	47
218	Initial evidence of a failure to activate right anterior insula during affective set shifting in posttraumatic stress disorder. <i>Psychosomatic Medicine</i> , <b>2009</b> , 71, 373-7	3.7	47
217	Alcohol attenuates load-related activation during a working memory task: relation to level of response to alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2006</b> , 30, 1363-71	3.7	47
216	Striatum and insula dysfunction during reinforcement learning differentiates abstinent and relapsed methamphetamine-dependent individuals. <i>Addiction</i> , <b>2014</b> , 109, 460-71	4.6	46
215	Large-Scale Hypoconnectivity Between Resting-State Functional Networks in Unmedicated Adolescent Major Depressive Disorder. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 2951-2960	8.7	45
214	Altered interoceptive activation before, during, and after aversive breathing load in women remitted from anorexia nervosa. <i>Psychological Medicine</i> , <b>2018</b> , 48, 142-154	6.9	43



213	A Roadmap for the Development of Applied Computational Psychiatry. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2016</b> , 1, 386-392	3.4	42
212	Trend detection via temporal difference model predicts inferior prefrontal cortex activation during acquisition of advantageous action selection. <i>NeuroImage</i> , <b>2004</b> , 21, 733-43	7.9	42
211	Tulsa 1000: a naturalistic study protocol for multilevel assessment and outcome prediction in a large psychiatric sample. <i>BMJ Open</i> , <b>2018</b> , 8, e016620	3	42
210	When the brain does not adequately feel the body: Links between low resilience and interoception. <i>Biological Psychology</i> , <b>2016</b> , 113, 37-45	3.2	41
209	Computational Dysfunctions in Anxiety: Failure to Differentiate Signal From Noise. <i>Biological Psychiatry</i> , <b>2017</b> , 82, 440-446	7.9	41
208	Anterior cingulate cortex and benefit of predictive cueing on response inhibition in stimulant dependent individuals. <i>Biological Psychiatry</i> , <b>2008</b> , 63, 184-90	7.9	40
207	Concepts in context: Processing mental state concepts with internal or external focus involves different neural systems. <i>Social Neuroscience</i> , <b>2015</b> , 10, 294-307	2	39
206	Altered insular activation and increased insular functional connectivity during sad and happy face processing in adolescent major depressive disorder. <i>Journal of Affective Disorders</i> , <b>2015</b> , 178, 215-23	6.6	39
205	Predicting Age From Brain EEG Signals-A Machine Learning Approach. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 184	5.3	39
204	The breathing conundrum-interoceptive sensitivity and anxiety. <i>Depression and Anxiety</i> , <b>2013</b> , 30, 315-208.4	208.4	39
203	Individuals with schizophrenia present hypo- and hyperactivation during implicit cueing in an inhibitory task. <i>NeuroImage</i> , <b>2006</b> , 32, 704-13	7.9	39
202	Examining personality and alcohol expectancies using functional magnetic resonance imaging (fMRI) with adolescents. <i>Journal of Studies on Alcohol and Drugs</i> , <b>2005</b> , 66, 323-31		39
201	A pilot study investigating changes in neural processing after mindfulness training in elite athletes. <i>Frontiers in Behavioral Neuroscience</i> , <b>2015</b> , 9, 229	3.5	38
200	Nothing to lose: processing blindness to potential losses drives thrill and adventure seekers. <i>NeuroImage</i> , <b>2012</b> , 59, 2850-9	7.9	38
199	Treatment approaches for interoceptive dysfunctions in drug addiction. <i>Frontiers in Psychiatry</i> , <b>2013</b> , 4, 137	5	38
198	Reduced behavioral and neural activation in stimulant users to different error rates during decision making. <i>Biological Psychiatry</i> , <b>2008</b> , 63, 1054-60	7.9	37
197	Toward the application of functional neuroimaging to individualized treatment for anxiety and depression. <i>Depression and Anxiety</i> , <b>2014</b> , 31, 920-33	8.4	36
196	Methamphetamine dependent individuals show attenuated brain response to pleasant interoceptive stimuli. <i>Drug and Alcohol Dependence</i> , <b>2013</b> , 131, 238-46	4.9	36

195	Association between individual differences in self-reported emotional resilience and the affective perception of neutral faces. <i>Journal of Affective Disorders</i> , <b>2009</b> , 114, 286-93	6.6	36
194	Anxiety vulnerability is associated with altered anterior cingulate response to an affective appraisal task. <i>NeuroReport</i> , <b>2008</b> , 19, 1033-7	1.7	36
193	Neuroscience-informed psychoeducation for addiction medicine: A neurocognitive perspective. <i>Progress in Brain Research</i> , <b>2017</b> , 235, 239-264	2.9	35
192	fMRI differences between subjects with low and high responses to alcohol during a stop signal task. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2012</b> , 36, 130-40	3.7	35
191	Computational Models of Interoception and Body Regulation. <i>Trends in Neurosciences</i> , <b>2021</b> , 44, 63-76	13.3	35
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188	Attenuated insular processing during risk predicts relapse in early abstinent methamphetamine-dependent individuals. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 1379-87	8.7	32
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37	A Methodological Checklist for fMRI Drug Cue Reactivity Studies: Development and Expert Consensus		2
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22	Evaluating the resource allocation index as a potential fMRI-based biomarker for substance use disorder. <i>Drug and Alcohol Dependence</i> , <b>2020</b> , 216, 108211	4.9	1
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20	Online Closed-Loop Real-Time tES-fMRI for Brain Modulation: Feasibility, Noise/Safety and Pilot Study		1
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