

Predrag Petrovic

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

8,672
citations

109137

35
h-index

51492

86
g-index

106
all docs

106
docs citations

106
times ranked

8822
citing authors

#	ARTICLE	IF	CITATIONS
1	Placebo and Opioid Analgesia– Imaging a Shared Neuronal Network. <i>Science</i> , 2002, 295, 1737-1740.	6.0	1,305
2	When Fear Is Near: Threat Imminence Elicits Prefrontal-Periaqueductal Gray Shifts in Humans. <i>Science</i> , 2007, 317, 1079-1083.	6.0	798
3	The Predictive Coding Account of Psychosis. <i>Biological Psychiatry</i> , 2018, 84, 634-643.	0.7	507
4	From Threat to Fear: The Neural Organization of Defensive Fear Systems in Humans. <i>Journal of Neuroscience</i> , 2009, 29, 12236-12243.	1.7	384
5	Placebo in Emotional Processing— Induced Expectations of Anxiety Relief Activate a Generalized Modulatory Network. <i>Neuron</i> , 2005, 46, 957-969.	3.8	381
6	Oxytocin Attenuates Affective Evaluations of Conditioned Faces and Amygdala Activity. <i>Journal of Neuroscience</i> , 2008, 28, 6607-6615.	1.7	381
7	Pain-related cerebral activation is altered by a distracting cognitive task. <i>Pain</i> , 2000, 85, 19-30.	2.0	363
8	Executive Functions Predict the Success of Top-Soccer Players. <i>PLoS ONE</i> , 2012, 7, e34731.	1.1	309
9	Subliminal Instrumental Conditioning Demonstrated in the Human Brain. <i>Neuron</i> , 2008, 59, 561-567.	3.8	281
10	Imaging cognitive modulation of pain processing. <i>Pain</i> , 2002, 95, 1-5.	2.0	272
11	How the number of learning trials affects placebo and nocebo responses. <i>Pain</i> , 2010, 151, 430-439.	2.0	243
12	Effects of oxytocin and prosocial behavior on brain responses to direct and vicariously experienced pain.. <i>Emotion</i> , 2008, 8, 781-791.	1.5	210
13	Predictability modulates the affective and sensory-discriminative neural processing of pain. <i>NeuroImage</i> , 2006, 32, 1804-1814.	2.1	177
14	Tickling Expectations: Neural Processing in Anticipation of a Sensory Stimulus. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 691-703.	1.1	169
15	Placebo analgesia and its opioidergic regulation suggest that empathy for pain is grounded in self pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5638-46.	3.3	165
16	A prefrontal non-opioid mechanism in placebo analgesia. <i>Pain</i> , 2010, 150, 59-65.	2.0	157
17	A PET activation study of dynamic mechanical allodynia in patients with mononeuropathy. <i>Pain</i> , 1999, 83, 459-470.	2.0	150
18	Delusions and the Role of Beliefs in Perceptual Inference. <i>Journal of Neuroscience</i> , 2013, 33, 13701-13712.	1.7	148

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19	Core executive functions are associated with success in young elite soccer players. PLoS ONE, 2017, 12, e0170845.	1.1	148
20	Believing is seeing: expectations alter visual awareness. Current Biology, 2008, 18, R697-R698.	1.8	119
21	Top-Down Dysregulationâ€”From ADHD to Emotional Instability. Frontiers in Behavioral Neuroscience, 2016, 10, 70.	1.0	116
22	Limbic Justiceâ€”Amygdala Involvement in Immediate Rejection in the Ultimatum Game. PLoS Biology, 2011, 9, e1001054.	2.6	111
23	Blocking Central Opiate Function Modulates Hedonic Impact and Anterior Cingulate Response to Rewards and Losses. Journal of Neuroscience, 2008, 28, 10509-10516.	1.7	101
24	Cortical thickness, volume and surface area in patients with bipolar disorder types I and II. Journal of Psychiatry and Neuroscience, 2016, 41, 240-250.	1.4	101
25	Manic episodes are related to changes in frontal cortex: a longitudinal neuroimaging study of bipolar disorder 1. Brain, 2015, 138, 3440-3448.	3.7	98
26	Context-dependent Deactivation of the Amygdala during Pain. Journal of Cognitive Neuroscience, 2004, 16, 1289-1301.	1.1	90
27	The NMDA Agonist D-Cycloserine Facilitates Fear Memory Consolidation in Humans. Cerebral Cortex, 2009, 19, 187-196.	1.6	88
28	Sharing pain and relief: neural correlates of physicians during treatment of patients. Molecular Psychiatry, 2014, 19, 392-398.	4.1	83
29	The Thermochemistry of London Dispersionâ€”Driven Transition Metal Reactions: Getting the â€”Right Answer for the Right Reasonâ€”™. ChemistryOpen, 2014, 3, 177-189.	0.9	77
30	Brainstem involvement in the initial response to pain. NeuroImage, 2004, 22, 995-1005.	2.1	75
31	Irritability in pre-clinical Huntington's disease. Neuropsychologia, 2010, 48, 549-557.	0.7	68
32	Intrinsic functional connectivity of insular cortex and symptoms of sickness during acute experimental inflammation. Brain, Behavior, and Immunity, 2016, 56, 34-41.	2.0	61
33	Resignation Syndrome: Catatonia? Culture-Bound?. Frontiers in Behavioral Neuroscience, 2016, 10, 7.	1.0	60
34	Endogenous opioids regulate social threat learning in humans. Nature Communications, 2017, 8, 15495.	5.8	50
35	Longitudinal Cortical Thickness Changes in Bipolar Disorder and the Relationship to Genetic Risk, Mania, and Lithium Use. Biological Psychiatry, 2020, 87, 271-281.	0.7	46
36	Distinct brain structure and behavior related to ADHD and conduct disorder traits. Molecular Psychiatry, 2020, 25, 3020-3033.	4.1	37

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37	A Regression Analysis Study of the Primary Somatosensory Cortex during Pain. <i>NeuroImage</i> , 2002, 16, 1142-1150.	2.1	34
38	Bipolar disorder type I and <scp>II</scp> show distinct relationships between cortical thickness and executive function. <i>Acta Psychiatrica Scandinavica</i> , 2018, 138, 325-335.	2.2	34
39	Emotional perception modulated by an opioid and a cholecystokinin agonist. <i>Psychopharmacology</i> , 2008, 197, 295-307.	1.5	33
40	Familial risk and heritability of diagnosed borderline personality disorder: a register study of the Swedish population. <i>Molecular Psychiatry</i> , 2021, 26, 999-1008.	4.1	33
41	Learning affective values for faces is expressed in amygdala and fusiform gyrus. <i>Social Cognitive and Affective Neuroscience</i> , 2008, 3, 109-118.	1.5	32
42	The effect of sleep restriction on empathy for pain: An fMRI study in younger and older adults. <i>Scientific Reports</i> , 2017, 7, 12236.	1.6	32
43	Significant grey matter changes in a region of the orbitofrontal cortex in healthy participants predicts emotional dysregulation. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1041-1049.	1.5	31
44	Placebo analgesia and nocebo hyperalgesia – Two sides of the same coin?. <i>Pain</i> , 2008, 136, 5-6.	2.0	29
45	Testosterone Administration Related Differences in Brain Activation during the Ultimatum Game. <i>Frontiers in Neuroscience</i> , 2016, 10, 66.	1.4	27
46	When Pinocchio's nose does not grow: belief regarding lie-detectability modulates production of deception. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 16.	1.0	23
47	Sickness behavior is not all about the immune response: Possible roles of expectations and prediction errors in the worry of being sick. <i>Brain, Behavior, and Immunity</i> , 2018, 74, 213-221.	2.0	23
48	Disrupted brain structural connectivity in Pediatric Bipolar Disorder with psychosis. <i>Scientific Reports</i> , 2019, 9, 13638.	1.6	22
49	A History of Psychosis in Bipolar Disorder is Associated With Gray Matter Volume Reduction. <i>Schizophrenia Bulletin</i> , 2017, 43, 99-107.	2.3	20
50	Level of play and coach-rated game intelligence are related to performance on design fluency in elite soccer players. <i>Scientific Reports</i> , 2020, 10, 9852.	1.6	20
51	Do borderline personality disorder and attention-deficit/hyperactivity disorder co-aggregate in families? A population-based study of 2 million Swedes. <i>Molecular Psychiatry</i> , 2021, 26, 341-349.	4.1	20
52	Effects of L-Dopa and Oxazepam on Resting-State Functional Magnetic Resonance Imaging Connectivity: A Randomized, Cross-Sectional Placebo Study. <i>Brain Connectivity</i> , 2012, 2, 246-253.	0.8	18
53	Beyond Sharing Unpleasant Affect – Evidence for Pain-Specific Opioidergic Modulation of Empathy for Pain. <i>Cerebral Cortex</i> , 2021, 31, 2773-2786.	1.6	18
54	Reliability and Construct Validity of the Psychopathic Personality Inventory-Revised in a Swedish Non-Criminal Sample – A Multimethod Approach including Psychophysiological Correlates of Empathy for Pain. <i>PLoS ONE</i> , 2016, 11, e0156570.	1.1	16

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55	Opioid and placebo analgesia share the same network. <i>Seminars in Pain Medicine</i> , 2005, 3, 31-36.	0.4	15
56	The inhibition of iridium-promoted water oxidation catalysis (WOC) by cucurbit[n]urils. <i>Dalton Transactions</i> , 2012, 41, 12233.	1.6	15
57	Altruism costs—the cheap signal from amygdala. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1325-1332.	1.5	15
58	Sleep restriction caused impaired emotional regulation without detectable brain activation changes—a functional magnetic resonance imaging study. <i>Royal Society Open Science</i> , 2019, 6, 181704.	1.1	14
59	Vulnerability in Executive Functions to Sleep Deprivation Is Predicted by Subclinical Attention-Deficit/Hyperactivity Disorder Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 290-298.	1.1	14
60	Quantifying Cognitive Impairment After Sleep Deprivation at Different Times of Day: A Proof of Concept Using Ultra-Short Smartphone-Based Tests. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 666146.	1.0	14
61	When Passive Feels Active - Delusion-Proneness Alters Self-Recognition in the Moving Rubber Hand Illusion. <i>PLoS ONE</i> , 2015, 10, e0128549.	1.1	13
62	Anterior insula morphology and vulnerability to psychopathology-related symptoms in response to acute inflammation. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 9-16.	2.0	13
63	Linking unfounded beliefs to genetic dopamine availability. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 521.	1.0	12
64	Delusion-proneness displays comorbidity with traits of autistic-spectrum disorders and ADHD. <i>PLoS ONE</i> , 2017, 12, e0177820.	1.1	11
65	Cue reactivity and opioid blockade in amphetamine dependence: A randomized, controlled fMRI study. <i>Drug and Alcohol Dependence</i> , 2018, 191, 91-97.	1.6	10
66	Genetic risk for bipolar disorder and schizophrenia predicts structure and function of the ventromedial prefrontal cortex. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E441-E450.	1.4	10
67	Effects of 25 mg oxazepam on emotional mimicry and empathy for pain: a randomized controlled experiment. <i>Royal Society Open Science</i> , 2017, 4, 160607.	1.1	9
68	Framing effect, probability distortion, and gambling tendency without feedback are resistant to two nights of experimental sleep restriction. <i>Scientific Reports</i> , 2019, 9, 8554.	1.6	9
69	A combined fMRI and EMG study of emotional contagion following partial sleep deprivation in young and older humans. <i>Scientific Reports</i> , 2020, 10, 17944.	1.6	9
70	Longitudinal co-variations between inflammatory cytokines, lung function and patient reported outcomes in patients with asthma. <i>PLoS ONE</i> , 2017, 12, e0185019.	1.1	8
71	Psychedelic drug use and schizotypy in young adults. <i>Scientific Reports</i> , 2021, 11, 15058.	1.6	8
72	Cross-sectional associations between inflammation, sickness behaviour, health anxiety and self-rated health in a Swedish primary care population. <i>European Journal of Inflammation</i> , 2019, 17, 205873921984435.	0.2	6

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73	Reward and empathy in the treating clinician: the neural correlates of successful doctor-patient interactions. <i>Translational Psychiatry</i> , 2020, 10, 17.	2.4	6
74	Enhanced Instructed Fear Learning in Delusion-Proneness. <i>Frontiers in Psychology</i> , 2022, 13, 786778.	1.1	6
75	Believing is seeing: expectations alter visual awareness. <i>Current Biology</i> , 2010, 20, 1973.	1.8	5
76	Effects of oxazepam on affective perception, recognition, and event-related potentials. <i>Psychopharmacology</i> , 2011, 215, 301-309.	1.5	5
77	Regulation of emotions during experimental endotoxemia: A pilot study. <i>Brain, Behavior, and Immunity</i> , 2021, 93, 420-424.	2.0	5
78	<p>Gray Matter Volume Correlates of Sleepiness: A Voxel-Based Morphometry Study in Younger and Older Adults</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 289-298.	1.4	4
79	Thalamic activation in photic myoclonus. <i>Acta Neurologica Scandinavica</i> , 2000, 101, 339-343.	1.0	3
80	The Effects of Positive or Neutral Communication during Acupuncture for Relaxing Effects: A Sham-Controlled Randomized Trial. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-11.	0.5	2
81	Emotional Instability Relates to Ventral Striatum Activity During Reward Anticipation in Females. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 76.	1.0	2
82	Dopamine D1 receptor availability is not associated with delusional ideation measures of psychosis proneness. <i>Schizophrenia Research</i> , 2020, 222, 175-184.	1.1	2
83	Separation and not residency permit restores function in resignation syndrome: a retrospective cohort study. <i>European Child and Adolescent Psychiatry</i> , 2021, , 1.	2.8	2
84	Resistance to extinction of evaluative fear conditioning in delusion proneness. <i>Schizophrenia Bulletin Open</i> , 0, , .	0.9	2
85	Reply to: Tripping Over the Same Stone. <i>Biological Psychiatry</i> , 2020, 88, e13.	0.7	1
86	Executive Functions of Swedish Counterterrorism Intervention Unit Applicants and Police Officer Trainees Evaluated With Design Fluency Test. <i>Frontiers in Psychology</i> , 2021, 12, 580463.	1.1	1
87	Placing Placebo in Normal Brain Function with Neuroimaging. , 2013, , 83-88.		1
88	Large-scale societal dynamics are reflected in human mood and brain. <i>Scientific Reports</i> , 2022, 12, 4646.	1.6	1
89	Oxazepam and cognitive reappraisal: A randomised experiment. <i>PLoS ONE</i> , 2021, 16, e0249065.	1.1	0
90	The Hypothesis of Subliminal Cue Reactivity in Addiction Revisited: An fMRI Study. <i>European Addiction Research</i> , 2022, 28, 210-219.	1.3	0