

Turhan Canli

List of Publications by Year in descending order

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85
papers

9,761
citations

47006

47
h-index

74163

75
g-index

89
all docs

89
docs citations

89
times ranked

10118
citing authors

#	ARTICLE	IF	CITATIONS
1	Long story short: the serotonin transporter in emotion regulation and social cognition. <i>Nature Neuroscience</i> , 2007, 10, 1103-1109.	14.8	923
2	Sex differences in the neural basis of emotional memories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10789-10794.	7.1	579
3	Event-Related Activation in the Human Amygdala Associates with Later Memory for Individual Emotional Experience. <i>Journal of Neuroscience</i> , 2000, 20, RC99-RC99.	3.6	566
4	An fMRI study of personality influences on brain reactivity to emotional stimuli.. <i>Behavioral Neuroscience</i> , 2001, 115, 33-42.	1.2	496
5	Amygdala Responses to Emotionally Valenced Stimuli in Older and Younger Adults. <i>Psychological Science</i> , 2004, 15, 259-263.	3.3	437
6	Hemispheric asymmetry for emotional stimuli detected with fMRI. <i>NeuroReport</i> , 1998, 9, 3233-3239.	1.2	422
7	Neural Bases of Social Anxiety Disorder. <i>Archives of General Psychiatry</i> , 2009, 66, 170.	12.3	414
8	Amygdala Response to Happy Faces as a Function of Extraversion. <i>Science</i> , 2002, 296, 2191-2191.	12.6	413
9	Individual differences in emotion processing. <i>Current Opinion in Neurobiology</i> , 2004, 14, 233-238.	4.2	377
10	Beyond affect: A role for genetic variation of the serotonin transporter in neural activation during a cognitive attention task. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12224-12229.	7.1	320
11	Neural correlates of epigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16033-16038.	7.1	294
12	Functional Brain Mapping of Extraversion and Neuroticism: Learning From Individual Differences in Emotion Processing. <i>Journal of Personality</i> , 2004, 72, 1105-1132.	3.2	213
13	Emotional conflict and neuroticism: Personality-dependent activation in the amygdala and subgenual anterior cingulate.. <i>Behavioral Neuroscience</i> , 2007, 121, 249-256.	1.2	205
14	Amygdala gray matter concentration is associated with extraversion and neuroticism. <i>NeuroReport</i> , 2005, 16, 1905-1908.	1.2	202
15	Measurement and Reliability of Response Inhibition. <i>Frontiers in Psychology</i> , 2012, 3, 37.	2.1	194
16	Amygdala reactivity to emotional faces predicts improvement in major depression. <i>NeuroReport</i> , 2005, 16, 1267-1270.	1.2	190
17	Effect of Estrogen-Serotonin Interactions on Mood and Cognition. <i>Behavioral and Cognitive Neuroscience Reviews</i> , 2005, 4, 43-58.	3.9	189
18	Analysis of DRD4 and DAT polymorphisms and behavioral inhibition in healthy adults: Implications for impulsivity. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2008, 147B, 27-32.	1.7	188

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19	Amygdala responsiveness is modulated by tryptophan hydroxylase-2 gene variation. <i>Journal of Neural Transmission</i> , 2005, 112, 1479-1485.	2.8	172
20	Subgenual anterior cingulate activation to valenced emotional stimuli in major depression. <i>NeuroReport</i> , 2005, 16, 1731-1734.	1.2	169
21	Brain activation to emotional words in depressed vs healthy subjects. <i>NeuroReport</i> , 2004, 15, 2585-2588.	1.2	146
22	Effects of estrogen variation on neural correlates of emotional response inhibition. <i>NeuroImage</i> , 2006, 32, 457-464.	4.2	132
23	Early life stress and cortisol: A meta-analysis. <i>Hormones and Behavior</i> , 2018, 98, 63-76.	2.1	111
24	A Neurogenetic Approach to Impulsivity. <i>Journal of Personality</i> , 2008, 76, 1447-1484.	3.2	109
25	Neuroimaging of emotion and personality: Scientific evidence and ethical considerations. <i>Brain and Cognition</i> , 2002, 50, 414-431.	1.8	102
26	Influence of life stress, 5-HTTLPR genotype, and SLC6A4 methylation on gene expression and stress response in healthy Caucasian males. <i>Biology of Mood & Anxiety Disorders</i> , 2015, 5, 2.	4.7	99
27	The Endophenotype of Impulsivity: Reaching Consilience Through Behavioral, Genetic, and Neuroimaging Approaches. <i>Behavioral and Cognitive Neuroscience Reviews</i> , 2005, 4, 262-281.	3.9	93
28	Emotion regulation and amygdala-precuneus connectivity: Focusing on attentional deployment. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2016, 16, 991-1002.	2.0	90
29	Additive Effects of Serotonin Transporter and Tryptophan Hydroxylase-2 Gene Variation on Emotional Processing. <i>Cerebral Cortex</i> , 2006, 17, 1160-1163.	2.9	89
30	Influence of SLC6A3 and COMT variation on neural activation during response inhibition. <i>Biological Psychology</i> , 2009, 81, 144-152.	2.2	88
31	Interference produced by emotional conflict associated with anterior cingulate activation. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2006, 6, 152-156.	2.0	87
32	A Double Dissociation Between Mood States and Personality Traits in the Anterior Cingulate.. <i>Behavioral Neuroscience</i> , 2004, 118, 897-904.	1.2	81
33	<i>Toward a Neurogenetic Theory of Neuroticism</i>. <i>Annals of the New York Academy of Sciences</i> , 2008, 1129, 153-174.	3.8	81
34	Additive effects of serotonin transporter and tryptophan hydroxylase-2 gene variation on neural correlates of affective processing. <i>Biological Psychology</i> , 2008, 79, 118-125.	2.2	76
35	Interaction of Serotonin Transporter Gene-Linked Polymorphic Region and Stressful Life Events Predicts Cortisol Stress Response. <i>Neuropsychopharmacology</i> , 2011, 36, 1332-1339.	5.4	76
36	Attentional bias for valenced stimuli as a function of personality in the dot-probe task. <i>Journal of Research in Personality</i> , 2004, 38, 15-23.	1.7	75

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37	Stop the sadness: Neuroticism is associated with sustained medial prefrontal cortex response to emotional facial expressions. <i>NeuroImage</i> , 2008, 42, 385-392.	4.2	75
38	Genetics of emotion regulation. <i>Neuroscience</i> , 2009, 164, 43-54.	2.3	74
39	fMRI identifies a network of structures correlated with retention of positive and negative emotional memory. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1999, 27, 441-452.	1.3	74
40	Opiate antagonists enhance the working memory of rats in the radial maze. <i>Pharmacology Biochemistry and Behavior</i> , 1990, 36, 521-525.	2.9	64
41	Neural correlates of attentional deployment within unpleasant pictures. <i>NeuroImage</i> , 2013, 70, 268-277.	4.2	64
42	Epistasis of the DRD2/ANKK1 Taq Ia and the BDNF Val66Met Polymorphism Impacts Novelty Seeking and Harm Avoidance. <i>Neuropsychopharmacology</i> , 2010, 35, 1860-1867.	5.4	62
43	Emotional memory function, personality structure and psychopathology: A neural system approach to the identification of vulnerability markers. <i>Brain Research Reviews</i> , 2008, 58, 71-84.	9.0	60
44	Potentiation or diminution of discrete motor unconditioned responses (rabbit eyeblink) to an aversive Pavlovian unconditioned stimulus by two associative processes: Conditioned fear and a conditioned diminution of unconditioned stimulus processing.. <i>Behavioral Neuroscience</i> , 1992, 106, 498-508.	1.2	55
45	Interaction between 5-HTTLPR and BDNF Val66Met polymorphisms on HPA axis reactivity in preschoolers. <i>Biological Psychology</i> , 2010, 83, 93-100.	2.2	55
46	The emergence of genomic psychology. <i>EMBO Reports</i> , 2007, 8, S30-4.	4.5	51
47	Functional connectivity with the anterior cingulate is associated with extraversion during the emotional Stroop task. <i>Social Neuroscience</i> , 2006, 1, 16-24.	1.3	49
48	Is Automatic Emotion Regulation Associated With Agreeableness?. <i>Psychological Science</i> , 2007, 18, 130-132.	3.3	49
49	Early Life Stress, Physiology, and Genetics: A Review. <i>Frontiers in Psychology</i> , 2019, 10, 1668.	2.1	48
50	Neuroethics and National Security. <i>American Journal of Bioethics</i> , 2007, 7, 3-13.	0.9	39
51	Catechol-O-methyltransferase Val158Met genotype affects neural correlates of aversive stimuli processing. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2009, 9, 168-172.	2.0	31
52	â€œPurpose in Lifeâ€™™ as a psychosocial resource in healthy aging: an examination of cortisol baseline levels and response to the Trier Social Stress Test. <i>Npj Aging and Mechanisms of Disease</i> , 2015, 1, 15006.	4.5	30
53	Amygdala stimulation enhances the rat eyeblink reflex through a short-latency mechanism.. <i>Behavioral Neuroscience</i> , 1996, 110, 51-59.	1.2	29
54	3D MRI of whole-brain water permeability with intrinsic diffusivity encoding of arterial labeled spin (IDEALS). <i>NeuroImage</i> , 2019, 189, 401-414.	4.2	29

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55	Imaging gender differences in sexual arousal. <i>Nature Neuroscience</i> , 2004, 7, 325-326.	14.8	28
56	Reconceptualizing major depressive disorder as an infectious disease. <i>Biology of Mood & Anxiety Disorders</i> , 2014, 4, 10.	4.7	27
57	Differential transcriptome expression in human nucleus accumbens as a function of loneliness. <i>Molecular Psychiatry</i> , 2017, 22, 1069-1078.	7.9	26
58	Loneliness 5 years ante-mortem is associated with disease-related differential gene expression in postmortem dorsolateral prefrontal cortex. <i>Translational Psychiatry</i> , 2018, 8, 2.	4.8	25
59	Potential or diminution of discrete motor unconditioned responses (rabbit eyeblink) to an aversive Pavlovian unconditioned stimulus by two associative processes: Conditioned fear and a conditioned diminution of unconditioned stimulus processing.. <i>Behavioral Neuroscience</i> , 1992, 106, 498-508.	1.2	23
60	Conditioned Enhancement of the Early Component of the Rat Eyeblink Reflex. <i>Neurobiology of Learning and Memory</i> , 1996, 66, 212-220.	1.9	20
61	An fMRI study of loneliness in younger and older adults. <i>Social Neuroscience</i> , 2019, 14, 136-148.	1.3	20
62	Amygdala stimulation enhances the rat eyeblink reflex through a short-latency mechanism.. <i>Behavioral Neuroscience</i> , 1996, 110, 51-59.	1.2	17
63	Variance maps as a novel tool for localizing regions of interest in imaging studies of individual differences. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2005, 5, 252-261.	2.0	13
64	Neurogenetics: An emerging discipline at the intersection of ethics, neuroscience, and genomics. <i>Applied & Translational Genomics</i> , 2015, 5, 18-22.	2.1	10
65	Integration of postmortem amygdala expression profiling, GWAS, and functional cell culture assays: neuroticism-associated synaptic vesicle glycoprotein 2A (SV2A) gene is regulated by miR-133a and miR-218. <i>Translational Psychiatry</i> , 2020, 10, 297.	4.8	10
66	Social Behavior and Serotonin. <i>Handbook of Behavioral Neuroscience</i> , 2010, 21, 449-456.	0.7	9
67	Conditioned diminution of the unconditioned response in rabbit eyeblink conditioning: Identifying neural substrates in the cerebellum and brainstem.. <i>Behavioral Neuroscience</i> , 1995, 109, 874-892.	1.2	8
68	Functional magnetic resonance imaging of temporally distinct responses to emotional facial expressions. <i>Social Neuroscience</i> , 2009, 4, 121-134.	1.3	8
69	Stressing over anxiety: A novel interaction of 5-HTTLPR genotype and anxiety-related phenotypes in older adults. <i>Psychoneuroendocrinology</i> , 2016, 71, 36-42.	2.7	8
70	A model of human endogenous retrovirus (HERV) activation in mental health and illness. <i>Medical Hypotheses</i> , 2019, 133, 109404.	1.5	7
71	Is Depression an Infectious Disease?. , 2014, , .		6
72	Conditioned diminution of the unconditioned response in rabbit eyeblink conditioning: Identifying neural substrates in the cerebellum and brainstem.. <i>Behavioral Neuroscience</i> , 1995, 109, 874-892.	1.2	6

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73	"Emotional conflict and neuroticism: Personality-dependent activation in the amygdala and subgenual anterior cingulate": Correction to Haas, Omura, Constable, and Canli (2007).. Behavioral Neuroscience, 2007, 121, 1173-1173.	1.2	4
74	Canli, Turhan. , 2017, , 1-2.		4
75	Response to Open Peer Commentaries on "Neuroethics and National Security". American Journal of Bioethics, 2007, 7, W1-W3.	0.9	3
76	Integrated microRNA and mRNA gene expression in peripheral blood mononuclear cells in response to acute psychosocial stress: a repeated-measures within-subject pilot study. BMC Research Notes, 2021, 14, 222.	1.4	2
77	The Character Code. Scientific American Mind, 2008, 19, 52-57.	0.0	0
78	Molecular Psychology. , 2014, , .		0
79	Discovery of neuroticism-associated genes from postmortem amygdala. Psychoneuroendocrinology, 2016, 71, 43.	2.7	0
80	LRPPRC genotype and cortisol: Predicting anxiety. Psychoneuroendocrinology, 2016, 71, 58-59.	2.7	0
81	Childhood and adolescent adversity and methylation of stress-related genes in emerging adults. Psychoneuroendocrinology, 2020, 119, 104956.	2.7	0
82	Individual Differences in Cerebral Perfusion as a Function of Age and Loneliness. Experimental Aging Research, 2021, , 1-23.	1.2	0
83	I Know What I Was Feeling, But What Was I Thinking?. PsycCritiques, 2004, 49, 609-611.	0.0	0
84	Canli, Turhan. , 2020, , 596-597.		0
85	25 Years of Molecular Psychology: The best is yet to come. , 0, 1, 1.		0