

Eric E Nelson

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.

107
papers

10,357
citations

50
h-index

101
g-index

111
ext. papers

11,427
ext. citations

5.1
avg, IF

5.94
L-index

#	Paper	IF	Citations
107	The social re-orientation of adolescence: a neuroscience perspective on the process and its relation to psychopathology. <i>Psychological Medicine</i> , 2005 , 35, 163-74	6.9	744
106	Brain substrates of infant-mother attachment: contributions of opioids, oxytocin, and norepinephrine. <i>Neuroscience and Biobehavioral Reviews</i> , 1998 , 22, 437-52	9	620
105	Amygdala and nucleus accumbens in responses to receipt and omission of gains in adults and adolescents. <i>NeuroImage</i> , 2005 , 25, 1279-91	7.9	501
104	Adolescent immaturity in attention-related brain engagement to emotional facial expressions. <i>NeuroImage</i> , 2003 , 20, 420-8	7.9	394
103	Ventrolateral prefrontal cortex activation and attentional bias in response to angry faces in adolescents with generalized anxiety disorder. <i>American Journal of Psychiatry</i> , 2006 , 163, 1091-7	11.9	349
102	Abnormal attention modulation of fear circuit function in pediatric generalized anxiety disorder. <i>Archives of General Psychiatry</i> , 2007 , 64, 97-106		339
101	Orbitofrontal cortex tracks positive mood in mothers viewing pictures of their newborn infants. <i>NeuroImage</i> , 2004 , 21, 583-92	7.9	310
100	Choice selection and reward anticipation: an fMRI study. <i>Neuropsychologia</i> , 2004 , 42, 1585-97	3.2	302
99	Modulation of emotion by cognition and cognition by emotion. <i>NeuroImage</i> , 2007 , 35, 430-40	7.9	289
98	A developmental examination of amygdala response to facial expressions. <i>Journal of Cognitive Neuroscience</i> , 2008 , 20, 1565-82	3.1	284
97	Neural substrates of choice selection in adults and adolescents: development of the ventrolateral prefrontal and anterior cingulate cortices. <i>Neuropsychologia</i> , 2007 , 45, 1270-9	3.2	276
96	Amygdala and ventrolateral prefrontal cortex function during anticipated peer evaluation in pediatric social anxiety. <i>Archives of General Psychiatry</i> , 2008 , 65, 1303-12		272
95	A developmental examination of gender differences in brain engagement during evaluation of threat. <i>Biological Psychiatry</i> , 2004 , 55, 1047-55	7.9	242
94	Common and distinct amygdala-function perturbations in depressed vs anxious adolescents. <i>Archives of General Psychiatry</i> , 2009 , 66, 275-85		214
93	Social re-orientation and brain development: An expanded and updated view. <i>Developmental Cognitive Neuroscience</i> , 2016 , 17, 118-27	5.5	198
92	Probing the neural correlates of anticipated peer evaluation in adolescence. <i>Child Development</i> , 2009 , 80, 1000-15	4.9	184
91	Striatal functional alteration in adolescents characterized by early childhood behavioral inhibition. <i>Journal of Neuroscience</i> , 2006 , 26, 6399-405	6.6	182

90	Attention alters neural responses to evocative faces in behaviorally inhibited adolescents. <i>NeuroImage</i> , 2007 , 35, 1538-46	7.9	172
89	The NIMH Child Emotional Faces Picture Set (NIMH-CHEPS): a new set of children's facial emotion stimuli. <i>International Journal of Methods in Psychiatric Research</i> , 2011 , 20, 145-56	4.3	167
88	Neural circuitry underlying affective response to peer feedback in adolescence. <i>Social Cognitive and Affective Neuroscience</i> , 2012 , 7, 81-92	4	160
87	Brain systems for the mediation of social separation-distress and social-reward. Evolutionary antecedents and neuropeptide intermediaries. <i>Annals of the New York Academy of Sciences</i> , 1997 , 807, 78-100	6.5	154
86	Fear conditioning in adolescents with anxiety disorders: results from a novel experimental paradigm. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2008 , 47, 94-102	7.2	152
85	Distinct neural signatures of threat learning in adolescents and adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 4500-5	11.5	138
84	Challenges in developing novel treatments for childhood disorders: lessons from research on anxiety. <i>Neuropsychopharmacology</i> , 2009 , 34, 213-28	8.7	136
83	Increased neural response to peer rejection associated with adolescent depression and pubertal development. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 1798-807	4	128
82	Neural Circuitry Engaged During Unsuccessful Motor Inhibition in Pediatric Bipolar Disorder. <i>American Journal of Psychiatry</i> , 2007 , 164, 52-60	11.9	128
81	Response to learned threat: An FMRI study in adolescent and adult anxiety. <i>American Journal of Psychiatry</i> , 2013 , 170, 1195-204	11.9	124
80	The neurobiology of the emotional adolescent: From the inside out. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 70, 74-85	9	123
79	Striatal functional alteration during incentive anticipation in pediatric anxiety disorders. <i>American Journal of Psychiatry</i> , 2012 , 169, 205-12	11.9	122
78	fMRI predictors of treatment outcome in pediatric anxiety disorders. <i>Psychopharmacology</i> , 2007 , 191, 97-105	4.7	122
77	Neural correlates of reward processing in adolescents with a history of inhibited temperament. <i>Psychological Science</i> , 2009 , 20, 1009-18	7.9	119
76	Cognitive flexibility in phenotypes of pediatric bipolar disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2007 , 46, 341-355	7.2	118
75	Peer acceptance and rejection through the eyes of youth: pupillary, eyetracking and ecological data from the Chatroom Interact task. <i>Social Cognitive and Affective Neuroscience</i> , 2012 , 7, 93-105	4	117
74	Increased amygdala activity during successful memory encoding in adolescent major depressive disorder: An FMRI study. <i>Biological Psychiatry</i> , 2006 , 60, 966-73	7.9	116
73	Oxytocin mediates acquisition of maternally associated odor preferences in preweanling rat pups.. <i>Behavioral Neuroscience</i> , 1996 , 110, 583-592	2.1	116

72	The development of the ventral prefrontal cortex and social flexibility. <i>Developmental Cognitive Neuroscience</i> , 2011 , 1, 233-45	5.5	110
71	Amygdala function and 5-HTT gene variants in adolescent anxiety and major depressive disorder. <i>Biological Psychiatry</i> , 2009 , 65, 349-55	7.9	96
70	BDNF gene polymorphism (Val66Met) predicts amygdala and anterior hippocampus responses to emotional faces in anxious and depressed adolescents. <i>NeuroImage</i> , 2010 , 53, 952-61	7.9	93
69	Neural circuitry engaged during unsuccessful motor inhibition in pediatric bipolar disorder. <i>American Journal of Psychiatry</i> , 2007 , 164, 52-60	11.9	91
68	A systematic review of attentional biases in disorders involving binge eating. <i>Appetite</i> , 2018 , 123, 367-389	9.5	84
67	Brain opioids and mother-infant social motivation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1994 , 397, 40-6	3.1	83
66	Non-human primates: model animals for developmental psychopathology. <i>Neuropsychopharmacology</i> , 2009 , 34, 90-105	8.7	81
65	Attention bias of anxious youth during extended exposure of emotional face pairs: an eye-tracking study. <i>Depression and Anxiety</i> , 2013 , 30, 14-21	8.4	79
64	Developmental differences in neuronal engagement during implicit encoding of emotional faces: an event-related fMRI study. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2003 , 44, 1015-24	7.9	76
63	Lasting associations between early-childhood temperament and late-adolescent reward-circuitry response to peer feedback. <i>Development and Psychopathology</i> , 2014 , 26, 229-43	4.3	66
62	Reward circuitry in resilience to severe trauma: an fMRI investigation of resilient special forces soldiers. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 172, 75-7	2.9	62
61	Amygdala function in adolescents with congenital adrenal hyperplasia: a model for the study of early steroid abnormalities. <i>Neuropsychologia</i> , 2007 , 45, 2104-13	3.2	57
60	Fluoxetine administered to juvenile monkeys: effects on the serotonin transporter and behavior. <i>American Journal of Psychiatry</i> , 2014 , 171, 323-31	11.9	52
59	Adverse rearing experiences enhance responding to both aversive and rewarding stimuli in juvenile rhesus monkeys. <i>Biological Psychiatry</i> , 2009 , 66, 702-4	7.9	51
58	Neural Responses to Peer Rejection in Anxious Adolescents: Contributions from the Amygdala-Hippocampal Complex.. <i>International Journal of Behavioral Development</i> , 2012 , 36, 36-44	2.6	50
57	Brain systems underlying response flexibility in healthy and bipolar adolescents: an event-related fMRI study. <i>Bipolar Disorders</i> , 2007 , 9, 810-9	3.8	50
56	Forgetting the best when predicting the worst: Preliminary observations on neural circuit function in adolescent social anxiety. <i>Developmental Cognitive Neuroscience</i> , 2015 , 13, 21-31	5.5	42
55	Anticipation of peer evaluation in anxious adolescents: divergence in neural activation and maturation. <i>Social Cognitive and Affective Neuroscience</i> , 2015 , 10, 1084-91	4	39

54	Individual differences in the responses of naïve rhesus monkeys to snakes. <i>Emotion</i> , 2003 , 3, 3-11	4.1	39
53	Growing pains and pleasures: how emotional learning guides development. <i>Trends in Cognitive Sciences</i> , 2014 , 18, 99-108	14	38
52	Eye-tracking with nonhuman primates is now more accessible than ever before. <i>American Journal of Primatology</i> , 2011 , 73, 562-9	2.5	38
51	Early adverse rearing experiences alter sleep-wake patterns and plasma cortisol levels in juvenile rhesus monkeys. <i>Psychoneuroendocrinology</i> , 2009 , 34, 1029-40	5	37
50	Responses to conflict and cooperation in adolescents with anxiety and mood disorders. <i>Journal of Abnormal Child Psychology</i> , 2007 , 35, 567-77	4	37
49	Social isolation effects on the "behavioral despair" forced swimming test: effect of age and duration of testing. <i>Physiology and Behavior</i> , 1991 , 49, 347-53	3.5	37
48	Associations between maternal negative affect and adolescent's neural response to peer evaluation. <i>Developmental Cognitive Neuroscience</i> , 2014 , 8, 28-39	5.5	36
47	DRD4 and striatal modulation of the link between childhood behavioral inhibition and adolescent anxiety. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 445-53	4	35
46	Oxytocin is elevated in plasma of 10-day-old rats following gastric distension. <i>Developmental Brain Research</i> , 1998 , 111, 301-3		35
45	Early-Childhood Social Reticence Predicts Brain Function in Preadolescent Youths During Distinct Forms of Peer Evaluation. <i>Psychological Science</i> , 2016 , 27, 821-35	7.9	35
44	Temperament and Parenting Styles in Early Childhood Differentially Influence Neural Response to Peer Evaluation in Adolescence. <i>Journal of Abnormal Child Psychology</i> , 2015 , 43, 863-74	4	34
43	Neural correlates of cognitive flexibility in children at risk for bipolar disorder. <i>Journal of Psychiatric Research</i> , 2012 , 46, 22-30	5.2	32
42	Attentional bias to food cues in youth with loss of control eating. <i>Appetite</i> , 2015 , 87, 68-75	4.5	32
41	Threats, rewards, and attention deployment in anxious youth and adults: An eye tracking study. <i>Biological Psychology</i> , 2017 , 122, 121-129	3.2	30
40	Neuroimaging studies of pediatric social anxiety: paradigms, pitfalls and a new direction for investigating the neural mechanisms. <i>Biology of Mood & Anxiety Disorders</i> , 2013 , 3, 14		30
39	Normative data on development of neural and behavioral mechanisms underlying attention orienting toward social-emotional stimuli: an exploratory study. <i>Brain Research</i> , 2009 , 1292, 61-70	3.7	28
38	Experience-dependent plasticity for attention to threat: Behavioral and neurophysiological evidence in humans. <i>Biological Psychiatry</i> , 2004 , 56, 607-10	7.9	28
37	A neuroimaging method for the study of threat in adolescents. <i>Developmental Psychobiology</i> , 2003 , 43, 359-66	3	28

36	Neural activation during anticipated peer evaluation and laboratory meal intake in overweight girls with and without loss of control eating. <i>NeuroImage</i> , 2015 , 108, 343-53	7.9	26
35	Enhanced right amygdala activity in adolescents during encoding of positively valenced pictures. <i>Developmental Cognitive Neuroscience</i> , 2011 , 1, 88-99	5.5	26
34	Role of contingency in striatal response to incentive in adolescents with anxiety. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015 , 15, 155-68	3.5	24
33	Simple Ethological Models of Depression: Social-Isolation Induced Despair in Chicks and Mice 1991 , 161-181		22
32	Preliminary findings: neural responses to feedback regarding betrayal and cooperation in adolescent anxiety disorders. <i>Developmental Neuropsychology</i> , 2011 , 36, 453-72	1.8	19
31	Do you make a difference? Social context in a betting task. <i>Social Cognitive and Affective Neuroscience</i> , 2008 , 3, 367-76	4	19
30	Maturation of vocal emotion recognition: Insights from the developmental and neuroimaging literature. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 90, 221-230	9	18
29	Oxytocin-induced paw sucking in infant rats. <i>Annals of the New York Academy of Sciences</i> , 1997 , 807, 543-55	6.5	17
28	Stationary and ambulatory attention patterns are differentially associated with early temperamental risk for socioemotional problems: Preliminary evidence from a multimodal eye-tracking investigation. <i>Development and Psychopathology</i> , 2019 , 31, 971-988	4.3	16
27	Anxiety symptoms and children's eye gaze during fear learning. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2017 , 58, 1276-1286	7.9	16
26	Depressed Adolescents' Pupillary Response to Peer Acceptance and Rejection: The Role of Rumination. <i>Child Psychiatry and Human Development</i> , 2016 , 47, 397-406	3.3	13
25	Consensus Parameter: Research Methodologies to Evaluate Neurodevelopmental Effects of Pubertal Suppression in Transgender Youth. <i>Transgender Health</i> , 2020 , 5, 246-257	4	12
24	Pediatric disinhibited eating: toward a research domain criteria framework. <i>International Journal of Eating Disorders</i> , 2013 , 46, 451-5	6.3	12
23	The effects of melatonin on isolation distress in chickens. <i>Pharmacology Biochemistry and Behavior</i> , 1994 , 49, 327-33	3.9	11
22	Incidental threat during visuospatial working memory in adolescent anxiety: an emotional memory-guided saccade task. <i>Depression and Anxiety</i> , 2015 , 32, 289-95	8.4	10
21	Effect of mother's dominance rank on offspring temperament in infant rhesus monkeys (<i>Macaca mulatta</i>). <i>American Journal of Primatology</i> , 2013 , 75, 65-73	2.5	10
20	Amygdala volume predicts patterns of eye fixation in rhesus monkeys. <i>Behavioural Brain Research</i> , 2012 , 229, 433-7	3.4	10
19	Early childhood social reticence and neural response to peers in preadolescence predict social anxiety symptoms in midadolescence. <i>Depression and Anxiety</i> , 2019 , 36, 676-689	8.4	9

18	Connecting Childhood Wariness to Adolescent Social Anxiety through the Brain and Peer Experiences. <i>Journal of Abnormal Child Psychology</i> , 2019 , 47, 1153-1164	4	9
17	Associations Between Anxious and Depressive Symptoms and the Recognition of Vocal Socioemotional Expressions in Youth. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2019 , 48, 491-500	5.4	9
16	Reproductive Attitudes and Behaviors Among Transgender/Nonbinary Adolescents. <i>Journal of Adolescent Health</i> , 2020 , 66, 372-374	5.8	8
15	Gastric saline infusion reduces ultrasonic vocalizations and brown fat activity in suckling rat pups. <i>Developmental Psychobiology</i> , 2002 , 40, 160-7	3	8
14	Associations Between Adolescents' Social Re-orientation Toward Peers Over Caregivers and Neural Response to Teenage Faces. <i>Frontiers in Behavioral Neuroscience</i> , 2019 , 13, 108	3.5	7
13	Learning through the ages: How the brain adapts to the social world across development. <i>Cognitive Development</i> , 2017 , 42, 84-94	1.7	6
12	Recent Advances in Pediatric Brain, Spine, and Neuromuscular Magnetic Resonance Imaging Techniques. <i>Pediatric Neurology</i> , 2019 , 96, 7-23	2.9	5
11	Blunted neural response to emotional faces in the fusiform and superior temporal gyrus may be marker of emotion recognition deficits in pediatric epilepsy. <i>Epilepsy and Behavior</i> , 2020 , 112, 107432	3.2	5
10	I Like Them Will They Like Me? Evidence for the Role of the Ventrolateral Prefrontal Cortex During Mismatched Social Appraisals in Anxious Youth. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2018 , 28, 646-654	2.9	5
9	Developmental changes of rhesus monkeys in response to separation from the mother. <i>Developmental Psychobiology</i> , 2012 , 54, 798-807	3	4
8	Internalizing symptoms in intractable pediatric epilepsy: Structural and functional brain correlates. <i>Epilepsy and Behavior</i> , 2020 , 103, 106845	3.2	4
7	Age-related differences in neural activation and functional connectivity during the processing of vocal prosody in adolescence. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019 , 19, 1418-1432	3.5	3
6	Differences in adult and adolescent listeners' ratings of valence and arousal in emotional prosody. <i>Cognition and Emotion</i> , 2019 , 33, 1497-1504	2.3	3
5	Attention to Peer Feedback Through the Eyes of Adolescents with a History of Anxiety and Healthy Adolescents. <i>Child Psychiatry and Human Development</i> , 2019 , 50, 894-906	3.3	2
4	Transgender Youth Executive Functioning: Relationships with Anxiety Symptoms, Autism Spectrum Disorder, and Gender-Affirming Medical Treatment Status. <i>Child Psychiatry and Human Development</i> , 2021 , 1	3.3	2
3	Testosterone treatment, internalizing symptoms, and body image dissatisfaction in transgender boys. <i>Psychoneuroendocrinology</i> , 2021 , 132, 105358	5	2
2	Anxiously elaborating the social percept: Anxiety and age differences in functional connectivity of the fusiform face area in a peer evaluation paradigm. <i>Australian Journal of Psychology</i> , 2016 , 68, 154-165	2.3	1
1	Emotions as Regulators of Motivated Behavior 2020 , 11-25		1

