Naomi I Eisenberger

List of Publications by Citations

128 papers	15,006 citations	58 h-index	122 g-index
138 ext. papers	17,162 ext. citations	7.3 avg, IF	7.08 L-index

#	Paper	IF	Citations
128	Does rejection hurt? An FMRI study of social exclusion. *Science*, **2003**, 302, 290-2	33.3	2506
127	Why rejection hurts: a common neural alarm system for physical and social pain. *Trends in Cognitive Sciences*, **2004**, 8, 294-300	14	830
126	Putting feelings into words: affect labeling disrupts amygdala activity in response to affective stimuli. *Psychological Science*, **2007**, 18, 421-8	7.9	811
125	Neural correlates of dispositional mindfulness during affect labeling. *Psychosomatic Medicine*, **2007**, 69, 560-5	3.7	505
124	The pain of social disconnection: examining the shared neural underpinnings of physical and social pain. *Nature Reviews Neuroscience*, **2012**, 13, 421-34	13.5	464
123	Inflammation-induced anhedonia: endotoxin reduces ventral striatum responses to reward. *Biological Psychiatry*, **2010**, 68, 748-54	7.9	370
122	Neural pathways link social support to attenuated neuroendocrine stress responses. *NeuroImage*, **2007**, 35, 1601-12	7.9	367
121	Neural correlates of social exclusion during adolescence: understanding the distress of peer rejection. *Social Cognitive and Affective Neuroscience*, **2009**, 4, 143-57	4	349
120	Acetaminophen reduces social pain: behavioral and neural evidence. *Psychological Science*, **2010**, 21, 931-7	7.9	340
119	Social neuroscience and health: neurophysiological mechanisms linking social ties with physical health. *Nature Neuroscience*, **2012**, 15, 669-74	25.5	318
118	Attachment figures activate a safety signal-related neural region and reduce pain experience. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 11721-6	11.5	309
117	A picture's worth: partner photographs reduce experimentally induced pain. *Psychological Science*, **2009**, 20, 1316-8	7.9	296
116	An fMRI investigation of empathy for 'social pain' and subsequent prosocial behavior. *NeuroImage*, **2011**, 55, 381-8	7.9	277
115	Neural sensitivity to social rejection is associated with inflammatory responses to social stress. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 14817-22	11.5	271
114	An fMRI investigation of race-related amygdala activity in African-American and Caucasian-American individuals. *Nature Neuroscience*, **2005**, 8, 720-2	25.5	267
113	Inflammation and social experience: an inflammatory challenge induces feelings of social disconnection in addition to depressed mood. *Brain, Behavior, and Immunity*, **2010**, 24, 558-63	16.6	259
112	Craving love? Enduring grief activates brain's reward center. *NeuroImage*, **2008**, 42, 969-72	7.9	238

111	An fMRI study of cytokine-induced depressed mood and social pain: the role of sex differences. *NeuroImage*, **2009**, 47, 881-90	7.9	232
110	The neural bases of social pain: evidence for shared representations with physical pain. *Psychosomatic Medicine*, **2012**, 74, 126-35	3.7	221
109	Variation in the mu-opioid receptor gene (OPRM1) is associated with dispositional and neural sensitivity to social rejection. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 15079-84	11.5	202
108	Neural responses to emotional stimuli are associated with childhood family stress. *Biological Psychiatry*, **2006**, 60, 296-301	7.9	196
107	Social pain and the brain: controversies, questions, and where to go from here. *Annual Review of Psychology*, **2015**, 66, 601-29	26.1	175
106	Sex differences in depressive and socioemotional responses to an inflammatory challenge: implications for sex differences in depression. *Neuropsychopharmacology*, **2015**, 40, 1709-16	8.7	173
105	Social status modulates neural activity in the mentalizing network. *NeuroImage*, **2012**, 60, 1771-7	7.9	172
104	Understanding genetic risk for aggression: clues from the brain's response to social exclusion. *Biological Psychiatry*, **2007**, 61, 1100-8	7.9	168
103	An experimental study of shared sensitivity to physical pain and social rejection. *Pain*, **2006**, 126, 132-8	8	162
102	Inflammation selectively enhances amygdala activity to socially threatening images. *NeuroImage*, **2012**, 59, 3222-6	7.9	161
101	In Sickness and in Health: The Co-Regulation of Inflammation and Social Behavior. *Neuropsychopharmacology*, **2017**, 42, 242-253	8.7	158
100	Neuroscience. Pains and pleasures of social life. *Science*, **2009**, 323, 890-1	33.3	148
99	Do neural responses to rejection depend on attachment style? An fMRI study. *Social Cognitive and Affective Neuroscience*, **2012**, 7, 184-92	4	146
98	Dispositional mindfulness and depressive symptomatology: correlations with limbic and self-referential neural activity during rest. *Emotion*, **2010**, 10, 12-24	4.1	146
97	The dorsal anterior cingulate cortex is selective for pain: Results from large-scale reverse inference. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 15250-5	11.5	145
96	Empathy for the social suffering of friends and strangers recruits distinct patterns of brain activation. *Social Cognitive and Affective Neuroscience*, **2013**, 8, 446-54	4	143
95	Greater amygdala activity and dorsomedial prefrontal-amygdala coupling are associated with enhanced inflammatory responses to stress. *Brain, Behavior, and Immunity*, **2015**, 43, 46-53	16.6	137
94	The neural sociometer: brain mechanisms underlying state self-esteem. *Journal of Cognitive Neuroscience*, **2011**, 23, 3448-55	3.1	135

93	Subgenual anterior cingulate responses to peer rejection: a marker of adolescents' risk for depression. *Development and Psychopathology*, **2011**, 23, 283-92	4.3	132
92	Personality from a controlled processing perspective: an fMRI study of neuroticism, extraversion, and self-consciousness. *Cognitive, Affective and Behavioral Neuroscience*, **2005**, 5, 169-81	3.5	129
91	Time spent with friends in adolescence relates to less neural sensitivity to later peer rejection. *Social Cognitive and Affective Neuroscience*, **2012**, 7, 106-14	4	119
90	Anger and fear responses to stress have different biological profiles. *Brain, Behavior, and Immunity*, **2010**, 24, 215-9	16.6	118
89	Functional magnetic resonance imaging responses relate to differences in real-world social experience. *Emotion*, **2007**, 7, 745-54	4.1	111
88	Negative and competitive social interactions are related to heightened proinflammatory cytokine activity. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 1878-82	11.5	107
87	The face of rejection: rejection sensitivity moderates dorsal anterior cingulate activity to disapproving facial expressions. *Social Neuroscience*, **2007**, 2, 238-53	2	105
86	An empirical review of the neural underpinnings of receiving and giving social support: implications for health. *Psychosomatic Medicine*, **2013**, 75, 545-56	3.7	96
85	Neural correlates of giving support to a loved one. *Psychosomatic Medicine*, **2012**, 74, 3-7	3.7	88
84	Shared neural mechanisms underlying social warmth and physical warmth. *Psychological Science*, **2013**, 24, 2272-80	7.9	85
83	The phenomenology of error processing: the dorsal ACC response to stop-signal errors tracks reports of negative affect. *Journal of Cognitive Neuroscience*, **2012**, 24, 1753-65	3.1	84
82	Effects of a supportive or an unsupportive audience on biological and psychological responses to stress. *Journal of Personality and Social Psychology*, **2010**, 98, 47-56	6.5	83
81	Witnessing peer rejection during early adolescence: neural correlates of empathy for experiences of social exclusion. *Social Neuroscience*, **2010**, 5, 496-507	2	80
80	An FMRI investigation of attributing negative social treatment to racial discrimination. *Journal of Cognitive Neuroscience*, **2011**, 23, 1042-51	3.1	80
79	Broken Hearts and Broken Bones: A Neural Perspective on the Similarities Between Social and Physical Pain. *Current Directions in Psychological Science*, **2012**, 21, 42-47	6.5	73
78	The role of inflammation in core features of depression: Insights from paradigms using exogenously-induced inflammation. *Neuroscience and Biobehavioral Reviews*, **2018**, 94, 219-237	9	71
77	Exposure to an inflammatory challenge enhances neural sensitivity to negative and positive social feedback. *Brain, Behavior, and Immunity*, **2016**, 57, 21-29	16.6	70
76	The role of the ventral striatum in inflammatory-induced approach toward support figures. *Brain, Behavior, and Immunity*, **2015**, 44, 247-52	16.6	64

75	An fMRI investigation of responses to peer rejection in adolescents with autism spectrum disorders. *Developmental Cognitive Neuroscience*, **2011**, 1, 260-70	5.5	62
74	The interactive effect of social pain and executive functioning on aggression: an fMRI experiment. *Social Cognitive and Affective Neuroscience*, **2014**, 9, 699-704	4	60
73	A Social Neuroscience Perspective on Stress and Health. *Social and Personality Psychology Compass*, **2012**, 6, 890-904	3	59
72	Inflammatory cytokines and nuclear factor-kappa B activation in adolescents with bipolar and major depressive disorders. *Psychiatry Research*, **2016**, 241, 315-22	9.9	59
71	Opioids and social bonding: naltrexone reduces feelings of social connection. *Social Cognitive and Affective Neuroscience*, **2016**, 11, 728-35	4	58
70	The neural bases of feeling understood and not understood. *Social Cognitive and Affective Neuroscience*, **2014**, 9, 1890-6	4	58
69	Giving support to others reduces sympathetic nervous system-related responses to stress. *Psychophysiology*, **2016**, 53, 427-35	4.1	56
68	Inflammation impairs social cognitive processing: A randomized controlled trial of endotoxin. *Brain, Behavior, and Immunity*, **2015**, 48, 132-8	16.6	55
67	Yearning for connection? Loneliness is associated with increased ventral striatum activity to close others. *Social Cognitive and Affective Neuroscience*, **2016**, 11, 1096-101	4	49
66	Trait sensitivity to social disconnection enhances pro-inflammatory responses to a randomized controlled trial of endotoxin. *Psychoneuroendocrinology*, **2015**, 62, 336-42	5	48
65	Vasopressin, but not oxytocin, increases empathic concern among individuals who received higher levels of paternal warmth: A randomized controlled trial. *Psychoneuroendocrinology*, **2015**, 51, 253-61	5	46
64	Social ties and health: a social neuroscience perspective. *Current Opinion in Neurobiology*, **2013**, 23, 407-136	7	44
63	A Safe Haven: Investigating Social-Support Figures as Prepared Safety Stimuli. *Psychological Science* , **2016**, 27, 1051-60	7.9	42
62	Neural mechanisms linking social status and inflammatory responses to social stress. *Social Cognitive and Affective Neuroscience*, **2016**, 11, 915-22	4	42
61	The Neurobiology of Giving Versus Receiving Support: The Role of Stress-Related and Social Reward-Related Neural Activity. *Psychosomatic Medicine*, **2016**, 78, 443-53	3.7	39
60	Links between inflammation, amygdala reactivity, and social support in breast cancer survivors. *Brain, Behavior, and Immunity*, **2016**, 53, 34-38	16.6	37
59	Two Distinct Immune Pathways Linking Social Relationships With Health: Inflammatory and Antiviral Processes. *Psychosomatic Medicine*, **2019**, 81, 711-719	3.7	37
58	Unpacking the buffering effect of social support figures: Social support attenuates fear acquisition. *PLoS ONE*, **2017**, 12, e0175891	3.7	31

57	Effects of inflammation on social processes and implications for health. *Annals of the New York Academy of Sciences*, **2018**, 1428, 5-13	6.5	31
56	Why Social Pain Can Live on: Different Neural Mechanisms Are Associated with Reliving Social and Physical Pain. *PLoS ONE*, **2015**, 10, e0128294	3.7	28
55	Blocking opioids attenuates physical warmth-induced feelings of social connection. *Emotion*, **2015**, 15, 494-500	4.1	27
54	Null results of oxytocin and vasopressin administration across a range of social cognitive and behavioral paradigms: Evidence from a randomized controlled trial. *Psychoneuroendocrinology*, **2019**, 107, 124-132	5	25
53	Self-Affirmation Activates the Ventral Striatum: A Possible Reward-Related Mechanism for Self-Affirmation. *Psychological Science*, **2016**, 27, 455-66	7.9	25
52	Changes in eudaimonic well-being and the conserved transcriptional response to adversity in younger breast cancer survivors. *Psychoneuroendocrinology*, **2019**, 103, 173-179	5	24
51	Neural responses to witnessing peer rejection after being socially excluded: fMRI as a window into adolescents' emotional processing. *Developmental Science*, **2013**, 16, 743-59	4.5	24
50	Dorsal Anterior Cingulate Cortex Responses to Repeated Social Evaluative Feedback in Young Women with and without a History of Depression. *Frontiers in Behavioral Neuroscience*, **2016**, 10, 64	3.5	23
49	Associations among pubertal development, empathic ability, and neural responses while witnessing peer rejection in adolescence. *Child Development*, **2013**, 84, 1338-54	4.9	22
48	Sex Differences in the Relationship Between Inflammation and Reward Sensitivity: A Randomized Controlled Trial of Endotoxin. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2019**, 4, 619-626	3.4	20
47	Identifying the Neural Correlates Underlying Social Pain: Implications for Developmental Processes. *Human Development*, **2006**, 49, 273-293	1.7	20
46	Effects of Social Exclusion on Cardiovascular and Affective Reactivity to a Socially Evaluative Stressor. *International Journal of Behavioral Medicine*, **2018**, 25, 410-420	2.6	19
45	Moderators for depressed mood and systemic and transcriptional inflammatory responses: a randomized controlled trial of endotoxin. *Neuropsychopharmacology*, **2019**, 44, 635-641	8.7	18
44	The Future of Women in Psychological Science. *Perspectives on Psychological Science*, **2021**, 16, 483-516	9.8	18
43	Transcriptomic predictors of inflammation-induced depressed mood. *Neuropsychopharmacology*, **2019**, 44, 923-929	8.7	17
42	Inflammation affects social experience: implications for mental health. *World Psychiatry*, **2020**, 19, 109-110	14.4	16
41	Oxytocin, but not vasopressin, impairs social cognitive ability among individuals with higher levels of social anxiety: a randomized controlled trial. *Social Cognitive and Affective Neuroscience*, **2016**, 11, 1272-9	4	16
40	A Social Safety Net: Developing a Model of Social-Support Figures as Prepared Safety Stimuli. *Current Directions in Psychological Science*, **2018**, 27, 25-31	6.5	15

39	Kynurenine metabolism and inflammation-induced depressed mood: A human experimental study. *Psychoneuroendocrinology*, **2019**, 109, 104371	5	15
38	Reply to Wager et al.: Pain and the dACC: The importance of hit rate-adjusted effects and posterior probabilities with fair priors. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E2476-9	11.5	14
37	Differential neural activation to friends and strangers links interdependence to empathy. *Culture and Brain*, **2015**, 3, 21-38	1.1	12
36	The role of social relationships in the link between olfactory dysfunction and mortality. *PLoS ONE*, **2018**, 13, e0196708	3.7	11
35	When less is more: mindfulness predicts adaptive affective responding to rejection via reduced prefrontal recruitment. *Social Cognitive and Affective Neuroscience*, **2018**, 13, 648-655	4	11
34	Feeling needed: Effects of a randomized generativity intervention on well-being and inflammation in older women. *Brain, Behavior, and Immunity*, **2020**, 84, 97-105	16.6	11
33	A Pilot Study Examining Physical and Social Warmth: Higher (Non-Febrile) Oral Temperature Is Associated with Greater Feelings of Social Connection. *PLoS ONE*, **2016**, 11, e0156873	3.7	11
32	Psychological inhibition and CD4 T-cell levels in HIV-seropositive women. *Journal of Psychosomatic Research*, **2003**, 54, 213-24	4.1	10
31	Exploring the role of gratitude and support-giving on inflammatory outcomes. *Emotion*, **2019**, 19, 939-940	4.1	10
30	Neural responses to threat and reward and changes in inflammation following a mindfulness intervention. *Psychoneuroendocrinology*, **2021**, 125, 105114	5	10
29	A dual-brain approach for understanding the neuralmechanisms that underlie the comforting effects of social touch. *Cortex*, **2020**, 127, 333-346	3.8	8
28	The neural alarm system: behavior and beyond.Reply to Ullsperger et al.. *Trends in Cognitive Sciences*, **2004**, 8, 446-447	14	8
27	Effects of stress-induced inflammation on reward processing in healthy young women. *Brain, Behavior, and Immunity*, **2020**, 83, 126-134	16.6	8
26	Context-Dependent Effects of Inflammation: Reduced Reward Responding is Not an Invariant Outcome of Sickness. *Neuropsychopharmacology*, **2017**, 42, 785-786	8.7	7
25	Self-compassion and responses to negative social feedback: The role of fronto-amygdala circuit connectivity. *Self and Identity*, **2018**, 17, 723-738	1.7	7
24	Neural mechanisms of self-affirmation's stress buffering effects. *Social Cognitive and Affective Neuroscience*, **2020**, 15, 1086-1096	4	6
23	Sex Differences in the Effect of Inflammation on Subjective Social Status: A Randomized Controlled Trial of Endotoxin in Healthy Young Adults. *Frontiers in Psychology*, **2019**, 10, 2167	3.4	6
22	Generativity and Social Well-Being in Older Women: Expectations Regarding Aging Matter. *Journals of Gerontology - Series B Psychological Sciences and Social Sciences*, **2021**, 76, 289-294	4.6	6

21	A Unique Safety Signal: Social-Support Figures Enhance Rather Than Protect From Fear Extinction. *Clinical Psychological Science*, **2018**, 6, 407-415	6	6
20	Taking rejection to heart: Associations between blood pressure and sensitivity to social pain. *Biological Psychology*, **2018**, 139, 87-95	3.2	6
19	Why Rejection Hurts: What Social Neuroscience Has Revealed About the Brain Response to Social Rejection **2011**,		5
18	Having more virtual interaction partners during COVID-19 physical distancing measures may benefit mental health. *Scientific Reports*, **2021**, 11, 18273	4.9	5
17	Social Isolation and Health **2020**, 695-702		5
16	Associations between amygdala reactivity to social threat, perceived stress and C-reactive protein in breast cancer survivors. *Social Cognitive and Affective Neuroscience*, **2020**, 15, 1056-1063	4	4
15	Preliminary Evidence That CD38 Moderates the Association of Neuroticism on Amygdala-Subgenual Cingulate Connectivity. *Frontiers in Neuroscience*, **2020**, 14, 11	5.1	3
14	The comfort in touch: Immediate and lasting effects of handholding on emotional pain. *PLoS ONE*, **2021**, 16, e0246753	3.7	3
13	The Pleasures and Pains of Social Interactions **2013**,		2
12	Social neuroscience and health: neurophysiological mechanisms linking social ties with physical health		2
11	Sleep, inflammation, and perception of sad facial emotion: A laboratory-based study in older adults. *Brain, Behavior, and Immunity*, **2020**, 89, 159-167	16.6	1
10	Broadening the Scope of Cultural Neuroscience. *Psychological Inquiry*, **2013**, 24, 47-52	2	1
9	The benefits of giving: Effects of prosocial behavior on recovery from stress. *Psychophysiology*, **2021**, e13954	4.1	1
8	Ventromedial prefrontal cortex activity differentiates sick from healthy faces: Associations with inflammatory responses and disease avoidance motivation. *Brain, Behavior, and Immunity*, **2021**, 100, 48-54	16.6	1
7	Null results of oxytocin and vasopressin administration on mentalizing in a large fMRI sample: evidence from a randomized controlled trial. *Psychological Medicine*,1-11	6.9	1
6	Motivation and sensitivity to monetary reward in late-life insomnia: moderating role of sex and the inflammatory marker CRP. *Neuropsychopharmacology*, **2020**, 45, 1664-1671	8.7	0
5	Associations between psychosocial factors and circulating cytokines in breast cancer survivors. *Psychology and Health*, **2021**, 1-15	2.9	0
4	Exploring neural mechanisms of the health benefits of gratitude in women: A randomized controlled trial. *Brain, Behavior, and Immunity*, **2021**, 95, 444-453	16.6	0

List of Publications

3	Exploring the effect of loneliness on fear: Implications for the effect of COVID-19-induced social disconnection on anxiety.. *Behaviour Research and Therapy*, **2022**, 153, 104101	5.2	0
2	Why Don You Like Me? The Role of the Mentalizing Network in Social Rejection **2021**, 613-628		
1	Endotoxin for Alcohol Research: A Call for Experimental Medicine Using Lipopolysaccharide Challenge. *Alcohol and Alcoholism*, **2021**, 56, 715-717	3.5	