Naomi I Eisenberger

List of Publications by Year
in descending order

135	19,082	18482 62	14208 128
papers	citations	h-index	g-index

138	138	138	14298
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Does Rejection Hurt? An fMRI Study of Social Exclusion. Science, 2003, 302, 290-292.	12.6	3,081
2	Why rejection hurts: a common neural alarm system for physical and social pain. Trends in Cognitive Sciences, 2004, 8, 294-300.	7.8	984
3	Putting Feelings Into Words. Psychological Science, 2007, 18, 421-428.	3.3	940
4	The pain of social disconnection: examining the shared neural underpinnings of physical and social pain. Nature Reviews Neuroscience, 2012, 13, 421-434.	10.2	622
5	Neural Correlates of Dispositional Mindfulness During Affect Labeling. Psychosomatic Medicine, 2007, 69, 560-565.	2.0	608
6	Inflammation-Induced Anhedonia: Endotoxin Reduces Ventral Striatum Responses to Reward. Biological Psychiatry, 2010, 68, 748-754.	1.3	452
7	Neural pathways link social support to attenuated neuroendocrine stress responses. NeuroImage, 2007, 35, 1601-1612.	4.2	436
8	Acetaminophen Reduces Social Pain. Psychological Science, 2010, 21, 931-937.	3.3	427
9	Neural correlates of social exclusion during adolescence: understanding the distress of peer rejection. Social Cognitive and Affective Neuroscience, 2009, 4, 143-157.	3.0	414
10	Social neuroscience and health: neurophysiological mechanisms linking social ties with physical health. Nature Neuroscience, 2012, 15, 669-674.	14.8	409
11	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, 11721-11726.	7.1	387
12	A Picture's Worth. Psychological Science, 2009, 20, 1316-1318.	3.3	357
13	An fMRI investigation of empathy for â€˜social painâ€™ and subsequent prosocial behavior. NeuroImage, 2011, 55, 381-388.	4.2	354
14	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, 14817-14822.	7.1	326
15	Inflammation and social experience: An inflammatory challenge induces feelings of social disconnection in addition to depressed mood. Brain, Behavior, and Immunity, 2010, 24, 558-563.	4.1	322
16	The Neural Bases of Social Pain. Psychosomatic Medicine, 2012, 74, 126-135.	2.0	322
17	An fMRI investigation of race-related amygdala activity in African-American and Caucasian-American individuals. Nature Neuroscience, 2005, 8, 720-722.	14.8	313
18	Craving love? Enduring grief activates brain's reward center. NeuroImage, 2008, 42, 969-972.	4.2	286

#	Article	IF	Citations
19	An fMRI study of cytokine-induced depressed mood and social pain: The role of sex differences. NeuroImage, 2009, 47, 881-890.	4.2	284
20	In Sickness and in Health: The Co-Regulation of Inflammation and Social Behavior. Neuropsychopharmacology, 2017, 42, 242-253.	5.4	260
21	Social Pain and the Brain: Controversies, Questions, and Where to Go from Here. Annual Review of Psychology, 2015, 66, 601-629.	17.7	239
22	Variation in the Î¼-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, 15079-15084.	7.1	230
23	An experimental study of shared sensitivity to physical pain and social rejection. Pain, 2006, 126, 132-138.	4.2	221
24	Sex Differences in Depressive and Socioemotional Responses to an Inflammatory Challenge: Implications for Sex Differences in Depression. Neuropsychopharmacology, 2015, 40, 1709-1716.	5.4	221
25	Neural Responses to Emotional Stimuli Are Associated with Childhood Family Stress. Biological Psychiatry, 2006, 60, 296-301.	1.3	214
26	Inflammation selectively enhances amygdala activity to socially threatening images. NeuroImage, 2012, 59, 3222-3226.	4.2	210
27	Social status modulates neural activity in the mentalizing network. NeuroImage, 2012, 60, 1771-1777.	4.2	208
28	Understanding Genetic Risk for Aggression: Clues From the Brainâ€™s Response to Social Exclusion. Biological Psychiatry, 2007, 61, 1100-1108.	1.3	200
29	Empathy for the social suffering of friends and strangers recruits distinct patterns of brain activation. Social Cognitive and Affective Neuroscience, 2013, 8, 446-454.	3.0	189
30	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, 15250-15255.	7.1	188
31	Greater amygdala activity and dorsomedial prefrontalâ€“amygdala coupling are associated with enhanced inflammatory responses to stress. Brain, Behavior, and Immunity, 2015, 43, 46-53.	4.1	184
32	Pains and Pleasures of Social Life. Science, 2009, 323, 890-891.	12.6	180
33	The Neural Sociometer: Brain Mechanisms Underlying State Self-esteem. Journal of Cognitive Neuroscience, 2011, 23, 3448-3455.	2.3	177
34	Do neural responses to rejection depend on attachment style? An fMRI study. Social Cognitive and Affective Neuroscience, 2012, 7, 184-192.	3.0	168
35	Dispositional mindfulness and depressive symptomatology: Correlations with limbic and self-referential neural activity during rest.. Emotion, 2010, 10, 12-24.	1.8	167
36	Anger and fear responses to stress have different biological profiles. Brain, Behavior, and Immunity, 2010, 24, 215-219.	4.1	165

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37	Subgenual anterior cingulate responses to peer rejection: A marker of adolescents' risk for depression. Development and Psychopathology, 2011, 23, 283-292.	2.3	162
38	Personality from a controlled processing perspective: An fMRI study of neuroticism, extraversion, and self-consciousness. Cognitive, Affective and Behavioral Neuroscience, 2005, 5, 169-181.	2.0	157
39	Time spent with friends in adolescence relates to less neural sensitivity to later peer rejection. Social Cognitive and Affective Neuroscience, 2012, 7, 106-114.	3.0	154
40	An Empirical Review of the Neural Underpinnings of Receiving and Giving Social Support. Psychosomatic Medicine, 2013, 75, 545-556.	2.0	140
41	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, 1878-1882.	7.1	131
42	Functional magnetic resonance imaging responses relate to differences in real-world social experience.. Emotion, 2007, 7, 745-754.	1.8	125
43	The face of rejection: Rejection sensitivity moderates dorsal anterior cingulate activity to disapproving facial expressions. Social Neuroscience, 2007, 2, 238-253.	1.3	124
44	The role of inflammation in core features of depression: Insights from paradigms using exogenously-induced inflammation. Neuroscience and Biobehavioral Reviews, 2018, 94, 219-237.	6.1	111
45	Neural Correlates of Giving Support to a Loved One. Psychosomatic Medicine, 2012, 74, 3-7.	2.0	108
46	Exposure to an inflammatory challenge enhances neural sensitivity to negative and positive social feedback. Brain, Behavior, and Immunity, 2016, 57, 21-29.	4.1	106
47	Shared Neural Mechanisms Underlying Social Warmth and Physical Warmth. Psychological Science, 2013, 24, 2272-2280.	3.3	103
48	An fMRI Investigation of Attributing Negative Social Treatment to Racial Discrimination. Journal of Cognitive Neuroscience, 2011, 23, 1042-1051.	2.3	102
49	Witnessing peer rejection during early adolescence: Neural correlates of empathy for experiences of social exclusion. Social Neuroscience, 2010, 5, 496-507.	1.3	100
50	The Phenomenology of Error Processing: The Dorsal ACC Response to Stop-signal Errors Tracks Reports of Negative Affect. Journal of Cognitive Neuroscience, 2012, 24, 1753-1765.	2.3	100
51	The role of the ventral striatum in inflammatory-induced approach toward support figures. Brain, Behavior, and Immunity, 2015, 44, 247-252.	4.1	99
52	Broken Hearts and Broken Bones. Current Directions in Psychological Science, 2012, 21, 42-47.	5.3	98
53	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.	2.8	97
54	Inflammatory cytokines and nuclear factor-kappa B activation in adolescents with bipolar and major depressive disorders. Psychiatry Research, 2016, 241, 315-322.	3.3	88

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55	Giving support to others reduces sympathetic nervous systemâ€related responses to stress. Psychophysiology, 2016, 53, 427-435.	2.4	78
56	The interactive effect of social pain and executive functioning on aggression: an fMRI experiment. Social Cognitive and Affective Neuroscience, 2014, 9, 699-704.	3.0	77
57	An fMRI investigation of responses to peer rejection in adolescents with autism spectrum disorders. Developmental Cognitive Neuroscience, 2011, 1, 260-270.	4.0	74
58	The neural bases of feeling understood and not understood. Social Cognitive and Affective Neuroscience, 2014, 9, 1890-1896.	3.0	74
59	A Social Neuroscience Perspective on Stress and Health. Social and Personality Psychology Compass, 2012, 6, 890-904.	3.7	71
60	Opioids and social bonding: naltrexone reduces feelings of social connection. Social Cognitive and Affective Neuroscience, 2016, 11, 728-735.	3.0	71
61	Yearning for connection? Loneliness is associated with increased ventral striatum activity to close others. Social Cognitive and Affective Neuroscience, 2016, 11, 1096-1101.	3.0	71
62	Two Distinct Immune Pathways Linking Social Relationships With Health: Inflammatory and Antiviral Processes. Psychosomatic Medicine, 2019, 81, 711-719.	2.0	70
63	Inflammation impairs social cognitive processing: A randomized controlled trial of endotoxin. Brain, Behavior, and Immunity, 2015, 48, 132-138.	4.1	68
64	Neural mechanisms linking social status and inflammatory responses to social stress. Social Cognitive and Affective Neuroscience, 2016, 11, 915-922.	3.0	61
65	Trait sensitivity to social disconnection enhances pro-inflammatory responses to a randomized controlled trial of endotoxin. Psychoneuroendocrinology, 2015, 62, 336-342.	2.7	60
66	A Safe Haven. Psychological Science, 2016, 27, 1051-1060.	3.3	59
67	The Future of Women in Psychological Science. Perspectives on Psychological Science, 2021, 16, 483-516.	9.0	59
68	Unpacking the buffering effect of social support figures: Social support attenuates fear acquisition. PLoS ONE, 2017, 12, e0175891.	2.5	58
69	Vasopressin, but not oxytocin, increases empathic concern among individuals who received higher levels of paternal warmth: A randomized controlled trial. Psychoneuroendocrinology, 2015, 51, 253-261.	2.7	56
70	Social ties and health: a social neuroscience perspective. Current Opinion in Neurobiology, 2013, 23, 407-413.	4.2	55
71	Effects of inflammation on social processes and implications for health. Annals of the New York Academy of Sciences, 2018, 1428, 5-13.	3.8	54
72	Links between inflammation, amygdala reactivity, and social support in breast cancer survivors. Brain, Behavior, and Immunity, 2016, 53, 34-38.	4.1	53

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73	The Neurobiology of Giving Versus Receiving Support. Psychosomatic Medicine, 2016, 78, 443-453.	2.0	52
74	Changes in eudaimonic well-being and the conserved transcriptional response to adversity in younger breast cancer survivors. Psychoneuroendocrinology, 2019, 103, 173-179.	2.7	43
75	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.	2.0	38
76	Transcriptomic predictors of inflammation-induced depressed mood. Neuropsychopharmacology, 2019, 44, 923-929.	5.4	38
77	Blocking opioids attenuates physical warmth-induced feelings of social connection.. Emotion, 2015, 15, 494-500.	1.8	36
78	Self-Affirmation Activates the Ventral Striatum. Psychological Science, 2016, 27, 455-466.	3.3	36
79	Moderators for depressed mood and systemic and transcriptional inflammatory responses: a randomized controlled trial of endotoxin. Neuropsychopharmacology, 2019, 44, 635-641.	5.4	36
80	Why Social Pain Can Live on: Different Neural Mechanisms Are Associated with Reliving Social and Physical Pain. PLoS ONE, 2015, 10, e0128294.	2.5	36
81	Kynurenine metabolism and inflammation-induced depressed mood: A human experimental study. Psychoneuroendocrinology, 2019, 109, 104371.	2.7	35
82	Neural responses to witnessing peer rejection after being socially excluded: fMRI as a window into adolescents' emotional processing. Developmental Science, 2013, 16, 743-759.	2.4	33
83	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.	2.7	33
84	Identifying the Neural Correlates Underlying Social Pain: Implications for Developmental Processes. Human Development, 2006, 49, 273-293.	2.0	31
85	Meta-analytic evidence for the role of the anterior cingulate cortex in social pain. Social Cognitive and Affective Neuroscience, 2015, 10, 1-2.	3.0	31
86	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.	1.5	31
87	Effects of Social Exclusion on Cardiovascular and Affective Reactivity to a Socially Evaluative Stressor. International Journal of Behavioral Medicine, 2018, 25, 410-420.	1.7	28
88	A Social Safety Net: Developing a Model of Social-Support Figures as Prepared Safety Stimuli. Current Directions in Psychological Science, 2018, 27, 25-31.	5.3	26
89	Inflammation affects social experience: implications for mentalÂhealth. World Psychiatry, 2020, 19, 109-110.	10.4	25
90	Associations Among Pubertal Development, Empathic Ability, and Neural Responses While Witnessing Peer Rejection in Adolescence. Child Development, 2013, 84, 1338-1354.	3.0	24

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91	Feeling needed: Effects of a randomized generativity intervention on well-being and inflammation in older women. Brain, Behavior, and Immunity, 2020, 84, 97-105.	4.1	22
92	A dual-brain approach for understanding the neuralmechanisms that underlie the comforting effects of social touch. Cortex, 2020, 127, 333-346.	2.4	22
93	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, 1272-1279.	3.0	20
94	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.	7.1	20
95	Effects of stress-induced inflammation on reward processing in healthy young women. Brain, Behavior, and Immunity, 2020, 83, 126-134.	4.1	20
96	Neural responses to threat and reward and changes in inflammation following a mindfulness intervention. Psychoneuroendocrinology, 2021, 125, 105114.	2.7	20
97	Exploring the role of gratitude and support-giving on inflammatory outcomes.. Emotion, 2019, 19, 939-949.	1.8	20
98	The role of social relationships in the link between olfactory dysfunction and mortality. PLoS ONE, 2018, 13, e0196708.	2.5	18
99	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.	2.5	16
100	Neural mechanisms of self-affirmationâ€™s stress buffering effects. Social Cognitive and Affective Neuroscience, 2020, 15, 1086-1096.	3.0	16
101	Having more virtual interaction partners during COVID-19 physical distancing measures may benefit mental health. Scientific Reports, 2021, 11, 18273.	3.3	16
102	Differential neural activation to friends and strangers links interdependence to empathy. Culture and Brain, 2015, 3, 21-38.	0.5	15
103	When less is more: mindfulness predicts adaptive affective responding to rejection via reduced prefrontal recruitment. Social Cognitive and Affective Neuroscience, 2018, 13, 648-655.	3.0	15
104	Self-compassion and responses to negative social feedback: The role of fronto-amygdala circuit connectivity. Self and Identity, 2018, 17, 723-738.	1.6	14
105	Context-Dependent Effects of Inflammation: Reduced Reward Responding is Not an Invariant Outcome of Sickness. Neuropsychopharmacology, 2017, 42, 785-786.	5.4	13
106	A Unique Safety Signal: Social-Support Figures Enhance Rather Than Protect From Fear Extinction. Clinical Psychological Science, 2018, 6, 407-415.	4.0	13
107	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.	3.9	13
108	Psychological inhibition and CD4 T-cell levels in HIV-seropositive women. Journal of Psychosomatic Research, 2003, 54, 213-224.	2.6	12

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109	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.	2.1	12
110	Taking rejection to heart: Associations between blood pressure and sensitivity to social pain. Biological Psychology, 2018, 139, 87-95.	2.2	11
111	Why Rejection Hurts: What Social Neuroscience Has Revealed About the Brainâ€™s Response to Social Rejection. , 2011, , .		10
112	Motivation and sensitivity to monetary reward in late-life insomnia: moderating role of sex and the inflammatory marker CRP. Neuropsychopharmacology, 2020, 45, 1664-1671.	5.4	10
113	Preliminary Evidence That CD38 Moderates the Association of Neuroticism on Amygdala-Subgenual Cingulate Connectivity. Frontiers in Neuroscience, 2020, 14, 11.	2.8	10
114	The neural alarm system: behavior and beyond.Reply to Ullsperger et al.. Trends in Cognitive Sciences, 2004, 8, 446-447.	7.8	9
115	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.	3.0	9
116	Emotions in Social Relationships and Their Implications for Health and Disease: Introduction to the Special Issue of Psychosomatic Medicine. Psychosomatic Medicine, 2019, 81, 676-680.	2.0	7
117	The comfort in touch: Immediate and lasting effects of handholding on emotional pain. PLoS ONE, 2021, 16, e0246753.	2.5	7
118	Exploring neural mechanisms of the health benefits of gratitude in women: A randomized controlled trial. Brain, Behavior, and Immunity, 2021, 95, 444-453.	4.1	6
119	Null results of oxytocin and vasopressin administration on mentalizing in a large fMRI sample: evidence from a randomized controlled trial. Psychological Medicine, 2023, 53, 2285-2295.	4.5	6
120	Reclassifying the Unique Inhibitory Properties of Social Support Figures: A Roadmap for Exploring Prepared Fear Suppression. Biological Psychiatry, 2022, 91, 778-785.	1.3	6
121	Sleep, inflammation, and perception of sad facial emotion: A laboratory-based study in older adults. Brain, Behavior, and Immunity, 2020, 89, 159-167.	4.1	5
122	The benefits of giving: Effects of prosocial behavior on recovery from stress. Psychophysiology, 2022, 59, e13954.	2.4	5
123	Ventromedial prefrontal cortex activity differentiates sick from healthy faces: Associations with inflammatory responses and disease avoidance motivation. Brain, Behavior, and Immunity, 2022, 100, 48-54.	4.1	5
124	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.	3.1	5
125	Giving to others and neural processing during adolescence. Developmental Cognitive Neuroscience, 2022, 56, 101128.	4.0	5
126	The Pleasures and Pains of Social Interactions. , 2013, , .		2

#	Article	IF	Citations
127	Why Donâ€™t You Like Me? The Role of the Mentalizing Network in Social Rejection. , 2021, , 613-628.		2
128	Social neuroscience and health: neurophysiological mechanisms linking social ties with physical health. , 0, .		2
129	Associations between psychosocial factors and circulating cytokines in breast cancer survivors. Psychology and Health, 2021, , 1-15.	2.2	2
130	Frontostriatal functional connectivity underlies self-enhancement during social evaluation. Social Cognitive and Affective Neuroscience, 2022, 17, 723-731.	3.0	2
131	Broadening the Scope of Cultural Neuroscience. Psychological Inquiry, 2013, 24, 47-52.	0.9	1
132	An Argument for Reconsidering the Role of Social Support in Treating Anxiety Disorders. Journal of Psychiatry and Brain Science, 2021, 6, .	0.5	0
133	Endotoxin for Alcohol Research: A Call for Experimental Medicine Using Lipopolysaccharide Challenge. Alcohol and Alcoholism, 2021, 56, 715-717.	1.6	0
134	Social Pain/Hurt. , 2016, , 1-3.		0
135	Social Pain/Hurt. , 2020, , 5094-5096.		0