

# Helena J V Rutherford

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

2,460  
citations

218677

26  
h-index

243625

44  
g-index

91  
all docs

91  
docs citations

91  
times ranked

2318  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult attachment is related to maternal neural response to infant cues: an ERP study. <i>Attachment and Human Development</i> , 2023, 25, 71-88.	2.1	10
2	Parental Mentalizing During a Pandemic: Use of Mental-State Language on Parenting Social Media Before and During the COVID-19 Pandemic. <i>Clinical Psychological Science</i> , 2022, 10, 1129-1150.	4.0	6
3	The effects of prenatal stress on neural responses to infant cries in expectant mothers and fathers. <i>Developmental Psychobiology</i> , 2022, 64, .	1.6	2
4	Imagining the baby: Neural reactivity to infant distress and mind-mindedness in expectant parents. <i>Biological Psychology</i> , 2021, 161, 108057.	2.2	2
5	Parenting and Addictions: Current Insights From Human Neuroscience. <i>Current Addiction Reports</i> , 2021, 8, 380-388.	3.4	8
6	Maternal perinatal anxiety and neural responding to infant affective signals: Insights, challenges, and a road map for neuroimaging research. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 387-399.	6.1	10
7	The Application of Connectome-Based Predictive Modeling to the Maternal Brain: Implications for Motherâ€™ Infant Bonding. <i>Cerebral Cortex</i> , 2020, 30, 1538-1547.	2.9	23
8	Differential responses to infant faces in relation to maternal substance use: An exploratory study. <i>Drug and Alcohol Dependence</i> , 2020, 207, 107805.	3.2	19
9	Maternal working memory, emotion regulation, and responsivity to infant distress. <i>Journal of Applied Developmental Psychology</i> , 2020, 71, 101202.	1.7	7
10	Does anxiety impact the neural processing of child faces in mothers of school-aged children? An ERP study using an emotional Go/NoGo task. <i>Social Neuroscience</i> , 2020, 15, 530-543.	1.3	2
11	Facial recognition during early motherhood: Investigating the persistence of age and affect biases. <i>Acta Psychologica</i> , 2020, 210, 103136.	1.5	0
12	Prior reproductive experience modulates neural responses to infant faces across the postpartum period. <i>Social Neuroscience</i> , 2020, 15, 650-654.	1.3	6
13	Substance use and mothersâ€™ neural responses to infant cues. <i>Infant Mental Health Journal</i> , 2020, 41, 264-277.	1.8	26
14	The Presence of Another Person Influences Oscillatory Cortical Dynamics During Dual Brain EEG Recording. <i>Frontiers in Psychiatry</i> , 2020, 11, 246.	2.6	6
15	A developmental model of addictions: integrating neurobiological and psychodynamic theories through the lens of attachment. <i>Attachment and Human Development</i> , 2019, 21, 616-637.	2.1	34
16	The infant simulator: A novel approach for the measurement of parenting. , 2019, 56, 101348.		3
17	Gradient Theories of Brain Activation: a Novel Application to Studying the Parental Brain. <i>Current Behavioral Neuroscience Reports</i> , 2019, 6, 119-125.	1.3	0
18	Pathways Relating the Neurobiology of Attachment to Drug Addiction. <i>Frontiers in Psychiatry</i> , 2019, 10, 737.	2.6	46

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19	Facial emotion recognition during pregnancy: Examining the effects of facial age and affect. , 2019, 54, 108-113.		8
20	Parenting stress: A novel mechanism of addiction vulnerability. <i>Neurobiology of Stress</i> , 2019, 11, 100172.	4.0	43
21	Maternal positive responses to a distressed infant simulator predict subsequent negative affect in infants. , 2019, 56, 101299.		6
22	Associations between Emotion Regulation and Parental Reflective Functioning. <i>Journal of Child and Family Studies</i> , 2019, 28, 1094-1104.	1.3	54
23	Parity and neural responses to social and non-social stimuli in pregnancy. <i>Social Neuroscience</i> , 2019, 14, 545-548.	1.3	10
24	Investigating the association between parity and the maternal neural response to infant cues. <i>Social Neuroscience</i> , 2019, 14, 214-225.	1.3	19
25	Ghosts in the nursery: An experimental investigation of a parent's own maltreatment experience, attention to infant faces, and dyadic reciprocity.. <i>Emotion</i> , 2019, 19, 1093-1102.	1.8	9
26	Executive Functioning Predicts Reflective Functioning in Mothers. <i>Journal of Child and Family Studies</i> , 2018, 27, 944-952.	1.3	26
27	EEG captures affective touch: CT-optimal touch and neural oscillations. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 155-166.	2.0	25
28	Modulation of reward in a live social context as revealed through interactive social neuroscience. <i>Social Neuroscience</i> , 2018, 13, 416-428.	1.3	5
29	Intranasal oxytocin decreases cross-frequency coupling of neural oscillations at rest. <i>International Journal of Psychophysiology</i> , 2018, 123, 143-151.	1.0	10
30	Prenatal neural responses to infant faces predict postpartum reflective functioning. , 2018, 53, 43-48.		19
31	The Potential Utility for Massage Therapy During Pregnancy to Decrease Stress and Tobacco Use. <i>International Journal of Therapeutic Massage &amp; Bodywork</i> , 2018, 11, 15-19.	0.2	2
32	Parental reflective functioning and the neural correlates of processing infant affective cues. <i>Social Neuroscience</i> , 2017, 12, 519-529.	1.3	46
33	Maternal emotion regulation strategies, internalizing problems and infant negative affect. <i>Journal of Applied Developmental Psychology</i> , 2017, 48, 59-68.	1.7	23
34	Parenting and addiction: neurobiological insights. <i>Current Opinion in Psychology</i> , 2017, 15, 55-60.	4.9	51
35	Anxiety and neural responses to infant and adult faces during pregnancy. <i>Biological Psychology</i> , 2017, 125, 115-120.	2.2	20
36	Current Tobacco-Smoking and Neural Responses to Infant Cues in Mothers. <i>Parenting</i> , 2017, 17, 1-10.	1.4	19

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37	The Transition to Motherhood: Psychoanalysis and Neuroscience Perspectives. <i>Psychoanalytic Study of the Child</i> , 2017, 70, 154-173.	0.3	12
38	Psychodynamic and Neuroscientific Perspectives on Motherhood. <i>Psychoanalytic Study of the Child</i> , 2017, 70, 151-153.	0.3	0
39	Maternal executive functioning as a mechanism in the intergenerational transmission of parenting: Preliminary evidence.. <i>Journal of Family Psychology</i> , 2017, 31, 19-29.	1.3	47
40	Mothers with substance addictions show reduced reward responses when viewing their own infant's face. <i>Human Brain Mapping</i> , 2017, 38, 5421-5439.	3.6	61
41	Intranasal oxytocin and the neural correlates of infant face processing in non-parent women. <i>Biological Psychology</i> , 2017, 129, 45-48.	2.2	19
42	Early adverse experience and substance addiction: dopamine, oxytocin, and glucocorticoid pathways. <i>Annals of the New York Academy of Sciences</i> , 2017, 1394, 74-91.	3.8	59
43	A Preliminary Review of Whether Prior Reproductive Experience Influences Caregiving. <i>New Directions for Child and Adolescent Development</i> , 2016, 2016, 73-86.	2.2	12
44	Motivated Attention and Reward in Parenting. <i>Parenting</i> , 2016, 16, 284-301.	1.4	17
45	Depression symptomatology and the neural correlates of infant face and cry perception during pregnancy. <i>Social Neuroscience</i> , 2016, 11, 467-474.	1.3	28
46	Investigating the relationship between working memory and emotion regulation in mothers. <i>Journal of Cognitive Psychology</i> , 2016, 28, 52-59.	0.9	21
47	Common and distinct modulation of electrophysiological indices of feedback processing by autistic and psychopathic traits. <i>Social Neuroscience</i> , 2016, 11, 455-466.	1.3	10
48	Tobacco Smoking and the Resting Maternal Brain: A Preliminary Study of Frontal EEG. <i>Yale Journal of Biology and Medicine</i> , 2016, 89, 115-22.	0.2	6
49	The Application of Electroencephalography to Investigate the Neural Bases of Parenting: A Review. <i>Parenting</i> , 2015, 15, 9-23.	1.4	57
50	Emotion regulation in parenthood. <i>Developmental Review</i> , 2015, 36, 1-14.	4.7	294
51	Investigating the association between parental reflective functioning and distress tolerance in motherhood. , 2015, 40, 54-63.		111
52	Diminished social reward anticipation in the broad autism phenotype as revealed by event-related brain potentials. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1357-1364.	3.0	51
53	Maternal anxiety and neural responses to infant faces. <i>Journal of Affective Disorders</i> , 2015, 172, 324-330.	4.1	47
54	Investigating Maternal Brain Structure and its Relationship to Substance Use and Motivational Systems. <i>Yale Journal of Biology and Medicine</i> , 2015, 88, 211-7.	0.2	5

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55	I Can't Take My Eyes Off of You: Attentional Allocation to Infant, Child, Adolescent and Adult Faces in Mothers and Non-Mothers. PLoS ONE, 2014, 9, e109362.	2.5	39
56	Kin rejection: social signals, neural response and perceived distress during social exclusion. Developmental Science, 2014, 17, 1029-1041.	2.4	18
57	Here's looking at you, kid: attention to infant emotional faces in mothers and non-mothers. Developmental Science, 2014, 17, 35-46.	2.4	89
58	Maternal and adolescent distress tolerance: The moderating role of gender.. Emotion, 2014, 14, 416-424.	1.8	28
59	Parental reflective functioning is associated with tolerance of infant distress but not general distress: Evidence for a specific relationship using a simulated baby paradigm. , 2013, 36, 635-641.		131
60	The neurobiology of addiction and attachment. , 2013, , 3-23.		17
61	Investigating the impact of parental status and depression symptoms on the early perceptual coding of infant faces: An event-related potential study. Social Neuroscience, 2012, 7, 525-536.	1.3	50
62	Attachment dismissal predicts frontal slow-wave ERPs during rejection by unfamiliar peers.. Emotion, 2012, 12, 690-700.	1.8	49
63	Sex differences moderate the relationship between adolescent language and mentalization.. Personality Disorders: Theory, Research, and Treatment, 2012, 3, 393-405.	1.3	36
64	Regional Brain Responses in Nulliparous Women to Emotional Infant Stimuli. PLoS ONE, 2012, 7, e36270.	2.5	53
65	The Neural and Psychological Dynamics of Adults' Transition to Parenthood. Zero To Three, 2012, 33, 83-84.	1.0	11
66	Maternal Neural Responses to Infant Cries and Faces: Relationships with Substance Use. Frontiers in Psychiatry, 2011, 2, 32.	2.6	111
67	Disruption of Maternal Parenting Circuitry by Addictive Process: Rewiring of Reward and Stress Systems. Frontiers in Psychiatry, 2011, 2, 37.	2.6	121
68	Value associations of irrelevant stimuli modify rapid visual orienting. Psychonomic Bulletin and Review, 2010, 17, 536-542.	2.8	58
69	Neural responses to faces reflect social personality traits. Social Neuroscience, 2010, 5, 351-359.	1.3	26
70	Neurobiology of Adolescent Substance Use Disorders: Implications for Prevention and Treatment. Child and Adolescent Psychiatric Clinics of North America, 2010, 19, 479-492.	1.9	54
71	Frontal EEG Asymmetry in Fathers who use Intimate Partner Violence. Journal of Family Violence, 0, , 1.	3.3	0
72	Exploring resting frontal EEG and reflective functioning in maternal substance use. Infant Mental Health Journal, 0, , .	1.8	1