Tobias Grossmann

List of Publications by Year
in descending order

94 papers	5,290 citations	94381 37 h-index	88593 70 g-index
103 all docs	103 docs citations	103 times ranked	4612 citing authors

#	Article	IF	Citations
1	The human fear paradox: Affective origins of cooperative care. Behavioral and Brain Sciences, 2023, 46, 1-43.	0.4	4
2	Becoming uniquely human? Comparing chimpanzee to human infancy. Developmental Science, 2022, 25, e13142.	1.3	2
3	Fairness takes time: Development of cooperative decision making in fairness context. Journal of Experimental Child Psychology, 2022, 216, 105344.	0.7	9
4	Processing third-party social interactions in the human infant brain. , 2022, 68, 101727.		8
5	Gut microbiota composition is associated with newborn functional brain connectivity and behavioral temperament. Brain, Behavior, and Immunity, 2021, 91, 472-486.	2.0	59
6	Probing infantsâ€™ sensitivity to pupil size when viewing eyes. Infancy, 2021, 26, 291-302.	0.9	0
7	Childrenâ€™s emotion perception in context: The role of caregiver touch and relationship quality.. Emotion, 2021, 21, 273-282.	1.5	6
8	Variability in Infants' Functional Brain Network Connectivity Is Associated With Differences in Affect and Behavior. Frontiers in Psychiatry, 2021, 12, 685754.	1.3	13
9	Developmental Origins of the Pathway for Social Perception. Trends in Cognitive Sciences, 2021, 25, 546-547.	4.0	3
10	Genetic variation in the oxytocin system and its link to social motivation in human infants. Psychoneuroendocrinology, 2021, 131, 105290.	1.3	9
11	Insights into the uniquely human origins of understanding other minds. Behavioral and Brain Sciences, 2021, 44, e155.	0.4	0
12	Mother's engagement with infant linked to infant's responding to threat. Developmental Psychobiology, 2021, 63, e22224.	0.9	5
13	Neural evidence for the impact of facial trustworthiness on object processing in a gaze-cueing task in 7-month-old infants. Social Neuroscience, 2020, 15, 74-82.	0.7	3
14	Helping, fast and slow: Exploring intuitive cooperation in early ontogeny. Cognition, 2020, 196, 104144.	1.1	14
15	The developmental origins of subliminal face processing. Neuroscience and Biobehavioral Reviews, 2020, 116, 454-460.	2.9	12
16	Epigenetic tuning of brain signal entropy in emergent human social behavior. BMC Medicine, 2020, 18, 244.	2.3	11
17	Impression Formation in the Human Infant Brain. Cerebral Cortex Communications, 2020, 1, tgaa070.	0.7	8
18	Epigenetic dynamics in infancy and the impact of maternal engagement. Science Advances, 2019, 5, eaay0680.	4.7	48

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19	O3. Genetic Variation in the Oxytocin System Impacts Infantsâ€™ Prefrontal Brain Asymmetry Responses to Emotional Faces. Biological Psychiatry, 2019, 85, S106.	0.7	0
20	Epigenetic modification of the oxytocin receptor gene is associated with emotion processing in the infant brain. Developmental Cognitive Neuroscience, 2019, 37, 100648.	1.9	55
21	Infantsâ€™ brain responses to pupillary changes in others are affected by race. Scientific Reports, 2019, 9, 4317.	1.6	16
22	T56. DNA Methylation of the Oxytocin Receptor Changes During Infancy and is Impacted by Maternal Behavior. Biological Psychiatry, 2019, 85, S150.	0.7	0
23	A primer on investigating the role of the microbiome in brain and cognitive development. Developmental Psychobiology, 2019, 61, 341-349.	0.9	13
24	Neural evidence for the subliminal processing of facial trustworthiness in infancy. Neuropsychologia, 2019, 126, 46-53.	0.7	37
25	A call for mapping the development of the microbiota-gut-brain axis during human infancy. Behavioral and Brain Sciences, 2019, 42, .	0.4	2
26	Genetic Variation in the Maternal Oxytocin System Affects Cortisol Responsiveness to Breastfeeding in Infants and Mothers. Adaptive Human Behavior and Physiology, 2018, 4, 248-263.	0.6	4
27	How to build a helpful baby: a look at the roots of prosociality in infancy. Current Opinion in Psychology, 2018, 20, 21-24.	2.5	15
28	Modality-independent recruitment of inferior frontal cortex during speech processing in human infants. Developmental Cognitive Neuroscience, 2018, 34, 130-138.	1.9	12
29	The neurodevelopmental precursors of altruistic behavior in infancy. PLoS Biology, 2018, 16, e2005281.	2.6	44
30	Eyes, More Than Other Facial Features, Enhance Real-World Donation Behavior. Human Nature, 2018, 29, 390-401.	0.8	12
31	Desire understanding in 2-year-old children: An eye-tracking study. , 2018, 52, 22-31.		10
32	S38. Epigenetic Modification of the Oxytocin Receptor Gene Impacts Infant Neural Response to Emotional Faces. Biological Psychiatry, 2018, 83, S361-S362.	0.7	0
33	Psychological effects of breastfeeding on children and mothers. Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz, 2018, 61, 977-985.	7.2	181
34	Early Reputation Management: Three-Year-Old Children Are More Generous Following Exposure to Eyes. Frontiers in Psychology, 2018, 9, 698.	1.1	15
35	Brain responses reveal that infants' face discrimination is guided by statistical learning from distributional information. Developmental Science, 2017, 20, e12393.	1.3	9
36	Neural correlates of infantsâ€™ sensitivity to vocal expressions of peers. Developmental Cognitive Neuroscience, 2017, 26, 39-44.	1.9	11

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37	The Eyes as Windows Into Other Minds. Perspectives on Psychological Science, 2017, 12, 107-121.	5.2	81
38	Attentiveness to eyes predicts generosity in a reputation-relevant context. Evolution and Human Behavior, 2017, 38, 729-733.	1.4	13
39	When in infancy does the â€œfear biasâ€•develop?. Journal of Experimental Child Psychology, 2017, 153, 149-154.	0.7	25
40	Exploring the Role of Spatial Frequency Information during Neural Emotion Processing in Human Infants. Frontiers in Human Neuroscience, 2017, 11, 486.	1.0	16
41	Childrenâ€™s altruistic behavior in context: The role of emotional responsiveness and culture. Scientific Reports, 2016, 6, 24089.	1.6	27
42	The developmental emergence of unconscious fear processing from eyes during infancy. Journal of Experimental Child Psychology, 2016, 142, 334-343.	0.7	25
43	The role of left inferior frontal cortex during audiovisual speech perception in infants. NeuroImage, 2016, 133, 14-20.	2.1	41
44	Young Children Want to See Others Get the Help They Need. Child Development, 2016, 87, 1703-1714.	1.7	55
45	Neural and Behavioral Evidence for Infants' Sensitivity to the Trustworthiness of Faces. Journal of Cognitive Neuroscience, 2016, 28, 1728-1736.	1.1	43
46	Putting the face in context: Body expressions impact facial emotion processing in human infants. Developmental Cognitive Neuroscience, 2016, 19, 115-121.	1.9	36
47	Pupillary responses reveal infantsâ€™ discrimination of facial emotions independent of conscious perception. Cognition, 2016, 150, 163-169.	1.1	33
48	Audiovisual speech perception in infancy: The influence of vowel identity and infantsâ€™ productive abilities on sensitivity to (mis)matches between auditory and visual speech cues.. Developmental Psychology, 2016, 52, 191-204.	1.2	21
49	The association of temperament and maternal empathy with individual differences in infantsâ€™ neural responses to emotional body expressions. Development and Psychopathology, 2015, 27, 1205-1216.	1.4	14
50	Infantsâ€™ emerging sensitivity to emotional body expressions: Insights from asymmetrical frontal brain activity.. Developmental Psychology, 2015, 51, 151-160.	1.2	22
51	The development of social brain functions in infancy.. Psychological Bulletin, 2015, 141, 1266-1287.	5.5	100
52	Personâ€centred positive emotions, objectâ€centred negative emotions: 2â€yearâ€olds generalize negative but not positive emotions across individuals. British Journal of Developmental Psychology, 2015, 33, 391-397.	0.9	6
53	Learning to Match Auditory and Visual Speech Cues: Social Influences on Acquisition of Phonological Categories. Child Development, 2015, 86, 362-378.	1.7	39
54	Tuning the developing brain to emotional body expressions. Developmental Science, 2015, 18, 243-253.	1.3	35

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55	Genetic variation in CD38 and breastfeeding experience interact to impact infantsâ€™ attention to social eye cues. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5434-42.	3.3	50
56	Neural signatures of conscious and unconscious emotional face processing in human infants. Cortex, 2015, 64, 260-270.	1.1	90
57	Developmental and Individual Differences in the Neural Processing of Dynamic Expressions of Pain and Anger. PLoS ONE, 2014, 9, e93728.	1.1	28
58	Discrimination of fearful and happy body postures in 8-month-old infants: an event-related potential study. Frontiers in Human Neuroscience, 2014, 8, 531.	1.0	27
59	Three different profiles: Early socio-communicative capacities in typical Rett syndrome, the preserved speech variant and normal development. Developmental Neurorehabilitation, 2014, 17, 34-38.	0.5	49
60	Physiological and Behavioral Responses Reveal 9-Month-Old Infantsâ€™ Sensitivity to Pleasant Touch. Psychological Science, 2014, 25, 1124-1131.	1.8	188
61	Unconscious discrimination of social cues from eye whites in infants. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16208-16213.	3.3	80
62	Duration of exclusive breastfeeding is associated with differences in infantsÃ¢â‚¬â„¢ brain responses to emotional body expressions. Frontiers in Behavioral Neuroscience, 2014, 8, 459.	1.0	32
63	Breastfeeding experience differentially impacts recognition of happiness and anger in mothers. Scientific Reports, 2014, 4, 7006.	1.6	23
64	Brain responses reveal young infantsâ€™ sensitivity to when a social partner follows their gaze. Developmental Cognitive Neuroscience, 2013, 6, 155-161.	1.9	51
65	Early socio-communicative forms and functions in typical Rett syndrome. Research in Developmental Disabilities, 2013, 34, 3133-3138.	1.2	24
66	Mapping Prefrontal Cortex Functions in Human Infancy. Infancy, 2013, 18, 303-324.	0.9	48
67	Action observation in the infant brain: The role of body form and motion. Social Neuroscience, 2013, 8, 22-30.	0.7	44
68	Emotional Voice Processing: Investigating the Role of Genetic Variation in the Serotonin Transporter across Development. PLoS ONE, 2013, 8, e68377.	1.1	21
69	The role of medial prefrontal cortex in early social cognition. Frontiers in Human Neuroscience, 2013, 7, 340.	1.0	99
70	When during development do our brains get tuned to the human voice?. Social Neuroscience, 2012, 7, 369-372.	0.7	10
71	Neural correlates of perceptual narrowing in crossâ€species faceâ€voice matching. Developmental Science, 2012, 15, 830-839.	1.3	15
72	Genetic and neural dissociation of individual responses to emotional expressions in human infants. Developmental Cognitive Neuroscience, 2011, 1, 57-66.	1.9	70

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73	The Detection of Communicative Signals Directed at the Self in Infant Prefrontal Cortex. Frontiers in Human Neuroscience, 2010, 4, 201.	1.0	56
74	Selective prefrontal cortex responses to joint attention in early infancy. Biology Letters, 2010, 6, 540-543.	1.0	124
75	The development of emotion perception in face and voice during infancy. Restorative Neurology and Neuroscience, 2010, 28, 219-236.	0.4	158
76	The Developmental Origins of Voice Processing in the Human Brain. Neuron, 2010, 65, 852-858.	3.8	236
77	The Neural Basis of Perceptual Category Learning in Human Infants. Journal of Cognitive Neuroscience, 2009, 21, 2276-2286.	1.1	72
78	Mapping functional brain development: Building a social brain through interactive specialization.. Developmental Psychology, 2009, 45, 151-159.	1.2	166
79	Shedding light on infant brain function: the use of nearâ€infrared spectroscopy (NIRS) in the study of face perception. Acta Paediatrica, International Journal of Paediatrics, 2008, 97, 1156-1158.	0.7	14
80	Not all emotions are created equal: The negativity bias in social-emotional development.. Psychological Bulletin, 2008, 134, 383-403.	5.5	874
81	The discrimination of angry and fearful facial expressions in 7-month-old infants: An event-related potential study. Cognition and Emotion, 2008, 22, 134-146.	1.2	110
82	Early cortical specialization for face-to-face communication in human infants. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2803-2811.	1.2	180
83	The Social Cognitive Neuroscience of Infancy: Illuminating the Early Development of Social Brain Functions. Advances in Child Development and Behavior, 2008, 36, 331-372.	0.7	19
84	Social perception in the infant brain: gamma oscillatory activity in response to eye gaze. Social Cognitive and Affective Neuroscience, 2007, 2, 284-291.	1.5	121
85	Developmental changes in infantsâ€™ processing of happy and angry facial expressions: A neurobehavioral study. Brain and Cognition, 2007, 64, 30-41.	0.8	119
86	The development of the social brain in human infancy. European Journal of Neuroscience, 2007, 25, 909-919.	1.2	247
87	Crossmodal integration of emotional information from face and voice in the infant brain. Developmental Science, 2006, 9, 309-315.	1.3	105
88	Eye contact influences neural processing of emotional expressions in 4-month-old infants. Social Cognitive and Affective Neuroscience, 2006, 1, 87-94.	1.5	97
89	Infants' electric brain responses to emotional prosody. NeuroReport, 2005, 16, 1825-1828.	0.6	121
90	Children Processing Music: Electric Brain Responses Reveal Musical Competence and Gender Differences. Journal of Cognitive Neuroscience, 2003, 15, 683-693.	1.1	104

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91	Electric brain responses reveal gender differences in music processing. NeuroReport, 2003, 14, 709-713.	0.6	89
92	Children Processing Music: Electric Brain Responses Reveal Musical Competence and Gender Differences. Journal of Cognitive Neuroscience, 2003, 15, 683-693.	1.1	42
93	How Does the Brain Help us Understand Others?. Frontiers for Young Minds, 0, 10, .	0.8	0
94	Examining the Role of Socioeconomic Status and Maternal Sensitivity in Predicting Functional Brain Network Connectivity in 5-Month-Old Infants. Frontiers in Neuroscience, 0, 16, .	1.4	2