

Tobias Grossmann

List of Publications by Year in descending order

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Version: 2024-02-01

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	Not all emotions are created equal: The negativity bias in social-emotional development.. Psychological Bulletin, 2008, 134, 383-403.	5.5	874
2	The development of the social brain in human infancy. European Journal of Neuroscience, 2007, 25, 909-919.	1.2	247
3	The Developmental Origins of Voice Processing in the Human Brain. Neuron, 2010, 65, 852-858.	3.8	236
4	Physiological and Behavioral Responses Reveal 9-Month-Old Infantsâ€™ Sensitivity to Pleasant Touch. Psychological Science, 2014, 25, 1124-1131.	1.8	188
5	Psychological effects of breastfeeding on children and mothers. Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz, 2018, 61, 977-985.	7.2	181
6	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
7	Mapping functional brain development: Building a social brain through interactive specialization.. Developmental Psychology, 2009, 45, 151-159.	1.2	166
8	The development of emotion perception in face and voice during infancy. Restorative Neurology and Neuroscience, 2010, 28, 219-236.	0.4	158
9	Selective prefrontal cortex responses to joint attention in early infancy. Biology Letters, 2010, 6, 540-543.	1.0	124
10	Infants' electric brain responses to emotional prosody. NeuroReport, 2005, 16, 1825-1828.	0.6	121
11	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
12	Developmental changes in infantsâ€™ processing of happy and angry facial expressions: A neurobehavioral study. Brain and Cognition, 2007, 64, 30-41.	0.8	119
13	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
14	Crossmodal integration of emotional information from face and voice in the infant brain. Developmental Science, 2006, 9, 309-315.	1.3	105
15	Children Processing Music: Electric Brain Responses Reveal Musical Competence and Gender Differences. Journal of Cognitive Neuroscience, 2003, 15, 683-693.	1.1	104
16	The development of social brain functions in infancy.. Psychological Bulletin, 2015, 141, 1266-1287.	5.5	100
17	The role of medial prefrontal cortex in early social cognition. Frontiers in Human Neuroscience, 2013, 7, 340.	1.0	99
18	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

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19	Neural signatures of conscious and unconscious emotional face processing in human infants. <i>Cortex</i> , 2015, 64, 260-270.	1.1	90
20	Electric brain responses reveal gender differences in music processing. <i>NeuroReport</i> , 2003, 14, 709-713.	0.6	89
21	The Eyes as Windows Into Other Minds. <i>Perspectives on Psychological Science</i> , 2017, 12, 107-121.	5.2	81
22	Unconscious discrimination of social cues from eye whites in infants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16208-16213.	3.3	80
23	The Neural Basis of Perceptual Category Learning in Human Infants. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2276-2286.	1.1	72
24	Genetic and neural dissociation of individual responses to emotional expressions in human infants. <i>Developmental Cognitive Neuroscience</i> , 2011, 1, 57-66.	1.9	70
25	Gut microbiota composition is associated with newborn functional brain connectivity and behavioral temperament. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 472-486.	2.0	59
26	The Detection of Communicative Signals Directed at the Self in Infant Prefrontal Cortex. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 201.	1.0	56
27	Young Children Want to See Others Get the Help They Need. <i>Child Development</i> , 2016, 87, 1703-1714.	1.7	55
28	Epigenetic modification of the oxytocin receptor gene is associated with emotion processing in the infant brain. <i>Developmental Cognitive Neuroscience</i> , 2019, 37, 100648.	1.9	55
29	Brain responses reveal young infants' sensitivity to when a social partner follows their gaze. <i>Developmental Cognitive Neuroscience</i> , 2013, 6, 155-161.	1.9	51
30	Genetic variation in CD38 and breastfeeding experience interact to impact infants' attention to social eye cues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5434-42.	3.3	50
31	Three different profiles: Early socio-communicative capacities in typical Rett syndrome, the preserved speech variant and normal development. <i>Developmental Neurorehabilitation</i> , 2014, 17, 34-38.	0.5	49
32	Mapping Prefrontal Cortex Functions in Human Infancy. <i>Infancy</i> , 2013, 18, 303-324.	0.9	48
33	Epigenetic dynamics in infancy and the impact of maternal engagement. <i>Science Advances</i> , 2019, 5, eaay0680.	4.7	48
34	Action observation in the infant brain: The role of body form and motion. <i>Social Neuroscience</i> , 2013, 8, 22-30.	0.7	44
35	The neurodevelopmental precursors of altruistic behavior in infancy. <i>PLoS Biology</i> , 2018, 16, e2005281.	2.6	44
36	Neural and Behavioral Evidence for Infants' Sensitivity to the Trustworthiness of Faces. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1728-1736.	1.1	43

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37	Children Processing Music: Electric Brain Responses Reveal Musical Competence and Gender Differences. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 683-693.	1.1	42
38	The role of left inferior frontal cortex during audiovisual speech perception in infants. <i>NeuroImage</i> , 2016, 133, 14-20.	2.1	41
39	Learning to Match Auditory and Visual Speech Cues: Social Influences on Acquisition of Phonological Categories. <i>Child Development</i> , 2015, 86, 362-378.	1.7	39
40	Neural evidence for the subliminal processing of facial trustworthiness in infancy. <i>Neuropsychologia</i> , 2019, 126, 46-53.	0.7	37
41	Putting the face in context: Body expressions impact facial emotion processing in human infants. <i>Developmental Cognitive Neuroscience</i> , 2016, 19, 115-121.	1.9	36
42	Tuning the developing brain to emotional body expressions. <i>Developmental Science</i> , 2015, 18, 243-253.	1.3	35
43	Pupillary responses reveal infants'™ discrimination of facial emotions independent of conscious perception. <i>Cognition</i> , 2016, 150, 163-169.	1.1	33
44	Duration of exclusive breastfeeding is associated with differences in infants'™ brain responses to emotional body expressions. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 459.	1.0	32
45	Developmental and Individual Differences in the Neural Processing of Dynamic Expressions of Pain and Anger. <i>PLoS ONE</i> , 2014, 9, e93728.	1.1	28
46	Discrimination of fearful and happy body postures in 8-month-old infants: an event-related potential study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 531.	1.0	27
47	Children'™s altruistic behavior in context: The role of emotional responsiveness and culture. <i>Scientific Reports</i> , 2016, 6, 24089.	1.6	27
48	The developmental emergence of unconscious fear processing from eyes during infancy. <i>Journal of Experimental Child Psychology</i> , 2016, 142, 334-343.	0.7	25
49	When in infancy does the 'fear bias' develop?. <i>Journal of Experimental Child Psychology</i> , 2017, 153, 149-154.	0.7	25
50	Early socio-communicative forms and functions in typical Rett syndrome. <i>Research in Developmental Disabilities</i> , 2013, 34, 3133-3138.	1.2	24
51	Breastfeeding experience differentially impacts recognition of happiness and anger in mothers. <i>Scientific Reports</i> , 2014, 4, 7006.	1.6	23
52	Infants'™ emerging sensitivity to emotional body expressions: Insights from asymmetrical frontal brain activity.. <i>Developmental Psychology</i> , 2015, 51, 151-160.	1.2	22
53	Emotional Voice Processing: Investigating the Role of Genetic Variation in the Serotonin Transporter across Development. <i>PLoS ONE</i> , 2013, 8, e68377.	1.1	21
54	Audiovisual speech perception in infancy: The influence of vowel identity and infants'™ productive abilities on sensitivity to (mis)matches between auditory and visual speech cues.. <i>Developmental Psychology</i> , 2016, 52, 191-204.	1.2	21

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55	The Social Cognitive Neuroscience of Infancy: Illuminating the Early Development of Social Brain Functions. <i>Advances in Child Development and Behavior</i> , 2008, 36, 331-372.	0.7	19
56	Exploring the Role of Spatial Frequency Information during Neural Emotion Processing in Human Infants. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 486.	1.0	16
57	Infants' brain responses to pupillary changes in others are affected by race. <i>Scientific Reports</i> , 2019, 9, 4317.	1.6	16
58	Neural correlates of perceptual narrowing in cross-species face-voice matching. <i>Developmental Science</i> , 2012, 15, 830-839.	1.3	15
59	How to build a helpful baby: a look at the roots of prosociality in infancy. <i>Current Opinion in Psychology</i> , 2018, 20, 21-24.	2.5	15
60	Early Reputation Management: Three-Year-Old Children Are More Generous Following Exposure to Eyes. <i>Frontiers in Psychology</i> , 2018, 9, 698.	1.1	15
61	Shedding light on infant brain function: the use of near-infrared spectroscopy (NIRS) in the study of face perception. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008, 97, 1156-1158.	0.7	14
62	The association of temperament and maternal empathy with individual differences in infants' neural responses to emotional body expressions. <i>Development and Psychopathology</i> , 2015, 27, 1205-1216.	1.4	14
63	Helping, fast and slow: Exploring intuitive cooperation in early ontogeny. <i>Cognition</i> , 2020, 196, 104144.	1.1	14
64	Attentiveness to eyes predicts generosity in a reputation-relevant context. <i>Evolution and Human Behavior</i> , 2017, 38, 729-733.	1.4	13
65	A primer on investigating the role of the microbiome in brain and cognitive development. <i>Developmental Psychobiology</i> , 2019, 61, 341-349.	0.9	13
66	Variability in Infants' Functional Brain Network Connectivity Is Associated With Differences in Affect and Behavior. <i>Frontiers in Psychiatry</i> , 2021, 12, 685754.	1.3	13
67	Modality-independent recruitment of inferior frontal cortex during speech processing in human infants. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 130-138.	1.9	12
68	Eyes, More Than Other Facial Features, Enhance Real-World Donation Behavior. <i>Human Nature</i> , 2018, 29, 390-401.	0.8	12
69	The developmental origins of subliminal face processing. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 454-460.	2.9	12
70	Neural correlates of infants' sensitivity to vocal expressions of peers. <i>Developmental Cognitive Neuroscience</i> , 2017, 26, 39-44.	1.9	11
71	Epigenetic tuning of brain signal entropy in emergent human social behavior. <i>BMC Medicine</i> , 2020, 18, 244.	2.3	11
72	When during development do our brains get tuned to the human voice?. <i>Social Neuroscience</i> , 2012, 7, 369-372.	0.7	10

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73	Desire understanding in 2-year-old children: An eye-tracking study. , 2018, 52, 22-31.		10
74	Brain responses reveal that infants' face discrimination is guided by statistical learning from distributional information. <i>Developmental Science</i> , 2017, 20, e12393.	1.3	9
75	Genetic variation in the oxytocin system and its link to social motivation in human infants. <i>Psychoneuroendocrinology</i> , 2021, 131, 105290.	1.3	9
76	Fairness takes time: Development of cooperative decision making in fairness context. <i>Journal of Experimental Child Psychology</i> , 2022, 216, 105344.	0.7	9
77	Impression Formation in the Human Infant Brain. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa070.	0.7	8
78	Processing third-party social interactions in the human infant brain. , 2022, 68, 101727.		8
79	Personâ€centred positive emotions, objectâ€centred negative emotions: 2â€yearâ€olds generalize negative but not positive emotions across individuals. <i>British Journal of Developmental Psychology</i> , 2015, 33, 391-397.	0.9	6
80	Childrenâ€™s emotion perception in context: The role of caregiver touch and relationship quality.. <i>Emotion</i> , 2021, 21, 273-282.	1.5	6
81	Mother's engagement with infant linked to infant's responding to threat. <i>Developmental Psychobiology</i> , 2021, 63, e22224.	0.9	5
82	Genetic Variation in the Maternal Oxytocin System Affects Cortisol Responsiveness to Breastfeeding in Infants and Mothers. <i>Adaptive Human Behavior and Physiology</i> , 2018, 4, 248-263.	0.6	4
83	The human fear paradox: Affective origins of cooperative care. <i>Behavioral and Brain Sciences</i> , 2023, 46, 1-43.	0.4	4
84	Neural evidence for the impact of facial trustworthiness on object processing in a gaze-cueing task in 7-month-old infants. <i>Social Neuroscience</i> , 2020, 15, 74-82.	0.7	3
85	Developmental Origins of the Pathway for Social Perception. <i>Trends in Cognitive Sciences</i> , 2021, 25, 546-547.	4.0	3
86	Becoming uniquely human? Comparing chimpanzee to human infancy. <i>Developmental Science</i> , 2022, 25, e13142.	1.3	2
87	A call for mapping the development of the microbiota-gut-brain axis during human infancy. <i>Behavioral and Brain Sciences</i> , 2019, 42, .	0.4	2
88	Examining the Role of Socioeconomic Status and Maternal Sensitivity in Predicting Functional Brain Network Connectivity in 5-Month-Old Infants. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
89	S38. Epigenetic Modification of the Oxytocin Receptor Gene Impacts Infant Neural Response to Emotional Faces. <i>Biological Psychiatry</i> , 2018, 83, S361-S362.	0.7	0
90	O3. Genetic Variation in the Oxytocin System Impacts Infantsâ€™ Prefrontal Brain Asymmetry Responses to Emotional Faces. <i>Biological Psychiatry</i> , 2019, 85, S106.	0.7	0

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91	T56. DNA Methylation of the Oxytocin Receptor Changes During Infancy and is Impacted by Maternal Behavior. <i>Biological Psychiatry</i> , 2019, 85, S150.	0.7	0
92	Probing infants' sensitivity to pupil size when viewing eyes. <i>Infancy</i> , 2021, 26, 291-302.	0.9	0
93	Insights into the uniquely human origins of understanding other minds. <i>Behavioral and Brain Sciences</i> , 2021, 44, e155.	0.4	0
94	How Does the Brain Help us Understand Others?. <i>Frontiers for Young Minds</i> , 0, 10, .	0.8	0