Beatrice de Gelder

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Neural bases of the non-conscious perception of emotional signals. Nature Reviews Neuroscience, 2010, 11, 697-709.	4.9	879
2	Towards the neurobiology of emotional body language. Nature Reviews Neuroscience, 2006, 7, 242-249.	4.9	611
3	Rapid perceptual integration of facial expression and emotional body language. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16518-16523.	3.3	533
4	The perception of emotions by ear and by eye. Cognition and Emotion, 2000, 14, 289-311.	1.2	503
5	Non-conscious recognition of affect in the absence of striate cortex. NeuroReport, 1999, 10, 3759-3763.	0.6	438
6	Fear fosters flight: A mechanism for fear contagion when perceiving emotion expressed by a whole body. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16701-16706.	3.3	423
7	Why bodies? Twelve reasons for including bodily expressions in affective neuroscience. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 3475-3484.	1.8	334
8	Multisensory integration, perception and ecological validity. Trends in Cognitive Sciences, 2003, 7, 460-467.	4.0	311
9	Unseen facial and bodily expressions trigger fast emotional reactions. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17661-17666.	3.3	268
10	Standing up for the body. Recent progress in uncovering the networks involved in the perception of bodies and bodily expressions. Neuroscience and Biobehavioral Reviews, 2010, 34, 513-527.	2.9	256
11	Seeing Fearful Body Expressions Activates the Fusiform Cortex and Amygdala. Current Biology, 2003, 13, 2201-2205.	1.8	247
12	The neural correlates of perceiving human bodies: an ERP study on the body-inversion effect. NeuroReport, 2004, 15, 777-780.	0.6	238
13	Subcortical Connections to Human Amygdala and Changes following Destruction of the Visual Cortex. Current Biology, 2012, 22, 1449-1455.	1.8	205
14	Rapid influence of emotional scenes on encoding of facial expressions: an ERP study. Social Cognitive and Affective Neuroscience, 2008, 3, 270-278.	1.5	204
15	Context Influences Early Perceptual Analysis of Faces—An Electrophysiological Study. Cerebral Cortex, 2006, 16, 1249-1257.	1.6	191
16	Face recognition and lip-reading in autism. European Journal of Cognitive Psychology, 1991, 3, 69-86.	1.3	183
17	The Bodily Expressive Action Stimulus Test (BEAST). Construction and Validation of a Stimulus Basis for Measuring Perception of Whole Body Expression of Emotions. Frontiers in Psychology, 2011, 2, 181.	1.1	172
18	Perception of Facial Expressions and Voices and of their Combination in the Human Brain. Cortex, 2005, 41, 49-59.	1.1	171

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19	Recognition of facial expressions is influenced by emotional scene gist. Cognitive, Affective and Behavioral Neuroscience, 2008, 8, 264-272.	1.0	169
20	Two different faces of threat. Comparing the neural systems for recognizing fear and anger in dynamic body expressions. NeuroImage, 2009, 47, 1873-1883.	2.1	166
21	The time-course of intermodal binding between seeing and hearing affective information. NeuroReport, 2000, 11, 1329-1333.	0.6	161
22	The combined perception of emotion from voice and face: early interaction revealed by human electric brain responses. Neuroscience Letters, 1999, 260, 133-136.	1.0	158
23	The ventriloquist effect does not depend on the direction of automatic visual attention. Perception & Psychophysics, 2001, 63, 651-659.	2.3	158
24	Threat Prompts Defensive Brain Responses Independently of Attentional Control. Cerebral Cortex, 2012, 22, 274-285.	1.6	139
25	Emotional modulation of visual and motor areas by dynamic body expressions of anger. Social Neuroscience, 2008, 3, 199-212.	0.7	137
26	Collicular Vision Guides Nonconscious Behavior. Journal of Cognitive Neuroscience, 2010, 22, 888-902.	1.1	131
27	Emotional signals from faces, bodies and scenes influence observers' face expressions, fixations and pupil-size. Frontiers in Human Neuroscience, 2013, 7, 810.	1.0	120
28	Audio-visual integration in schizophrenia. Schizophrenia Research, 2003, 59, 211-218.	1.1	118
29	Chapter 3 Beyond the face: exploring rapid influences of context on face processing. Progress in Brain Research, 2006, 155, 37-48.	0.9	118
30	ls cross-modal integration of emotional expressions independent of attentional resources?. Cognitive, Affective and Behavioral Neuroscience, 2001, 1, 382-387.	1.0	117
31	Neural correlates of emotion-attention interactions: From perception, learning, and memory to social cognition, individual differences, and training interventions. Neuroscience and Biobehavioral Reviews, 2020, 108, 559-601.	2.9	117
32	Multisensory integration of emotional faces and voices in schizophrenics. Schizophrenia Research, 2005, 72, 195-203.	1.1	116
33	The Basolateral Amygdala Is Essential for Rapid Escape: A Human and Rodent Study. Cell, 2018, 175, 723-735.e16.	13.5	116
34	Cortico-subcortical visual, somatosensory, and motor activations for perceiving dynamic whole-body emotional expressions with and without striate cortex (V1). Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16188-16193.	3.3	113
35	Is it the real deal? Perception of virtual characters versus humans: an affective cognitive neuroscience perspective. Frontiers in Psychology, 2015, 6, 576.	1.1	110
36	Orienting to threat: faster localization of fearful facial expressions and body postures revealed by saccadic eye movements. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1635-1641.	1.2	103

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37	Fear recognition in the voice is modulated by unconsciously recognized facial expressions but not by unconsciously recognized affective pictures. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4121-4126.	3.3	100
38	A modulatory role for facial expressions in prosopagnosia. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13105-13110.	3.3	95
39	Non-conscious recognition of emotional body language. NeuroReport, 2006, 17, 583-586.	0.6	91
40	Configural face processes in acquired and developmental prosopagnosia. NeuroReport, 2000, 11, 3145-3150.	0.6	87
41	The role of negative affectivity and social inhibition in perceiving social threat: An fMRI study. Neuropsychologia, 2011, 49, 1187-1193.	0.7	81
42	Social context influences recognition of bodily expressions. Experimental Brain Research, 2010, 203, 169-180.	0.7	79
43	From affective blindsight to emotional consciousness. Consciousness and Cognition, 2015, 36, 414-425.	0.8	78
44	The rise of affectivism. Nature Human Behaviour, 2021, 5, 816-820.	6.2	77
45	Temporal and spatial neural dynamics in the perception of basic emotions from complex scenes. Social Cognitive and Affective Neuroscience, 2014, 9, 1690-1703.	1.5	70
46	Do Autistics Have a Generalized Face Processing Deficit?. International Journal of Neuroscience, 1994, 77, 1-10.	0.8	67
47	Islamic Headdress Influences How Emotion is Recognized from the Eyes. Frontiers in Psychology, 2012, 3, 110.	1.1	67
48	Transcutaneous vagus nerve stimulation (tVNS) enhances recognition of emotions in faces but not bodies. Cortex, 2018, 99, 213-223.	1.1	64
49	Once you feel it, you see it: Insula and sensory-motor contribution to visual awareness for fearful bodies in parietal neglect. Cortex, 2015, 62, 56-72.	1.1	63
50	Phonological deficits: Beneath the surface of reading-acquisition problems. Psychological Research, 1991, 53, 88-97.	1.0	62
51	Attention and awareness each influence amygdala activity for dynamic bodily expressions—a short review. Frontiers in Integrative Neuroscience, 2012, 6, 54.	1.0	62
52	Cues to speech segmentation: Evidence from juncture misperceptions and word spotting. Memory and Cognition, 1996, 24, 744-755.	0.9	61
53	Functional asymmetry and interhemispheric cooperation in the perception of emotions from facial expressions. Experimental Brain Research, 2006, 171, 389-404.	0.7	60
54	Men Fear Other Men Most: Gender Specific Brain Activations in Perceiving Threat from Dynamic Faces and Bodies – An fMRI Study. Frontiers in Psychology, 2011, 2, 3.	1.1	60

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55	Facial expressions modulate the time course of long latency auditory brain potentials. Cognitive Brain Research, 2002, 14, 99-105.	3.3	59
56	Lateralization for dynamic facial expressions in human superior temporal sulcus. NeuroImage, 2015, 106, 340-352.	2.1	56
57	Unseen stimuli modulate conscious visual experience: evidence from inter-hemispheric summation. NeuroReport, 2001, 12, 385-391.	0.6	54
58	A causal role for inferior parietal lobule in emotion body perception. Cortex, 2015, 73, 195-202.	1.1	54
59	Phase of beta-frequency tACS over primary motor cortex modulates corticospinal excitability. Cortex, 2018, 103, 142-152.	1.1	53
60	Dissimilar processing of emotional facial expressions in human and monkey temporal cortex. NeuroImage, 2013, 66, 402-411.	2.1	51
61	Neural correlates of body and face perception following bilateral destruction of the primary visual cortices. Frontiers in Behavioral Neuroscience, 2014, 8, 30.	1.0	51
62	Cortical mechanisms of spatial hearing. Nature Reviews Neuroscience, 2019, 20, 609-623.	4.9	51
63	Virtual Faces Evoke Only a Weak Uncanny Valley Effect: An Empirical Investigation With Controlled Virtual Face Images. Perception, 2019, 48, 968-991.	0.5	51
64	Intact hemisphere and corpus callosum compensate for visuomotor functions after early visual cortex damage. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10475-E10483.	3.3	50
65	The role of human basolateral amygdala in ambiguous social threat perception. Cortex, 2014, 52, 28-34.	1.1	48
66	Impaired recognition of body expressions in the behavioral variant of frontotemporal dementia. Neuropsychologia, 2015, 75, 496-504.	0.7	47
67	Event-Related Repetitive Transcranial Magnetic Stimulation of Posterior Superior Temporal Sulcus Improves the Detection of Threatening Postural Changes in Human Bodies. Journal of Neuroscience, 2011, 31, 17547-17554.	1.7	46
68	Visual imagery influences brain responses to visual stimulation in bilateral cortical blindness. Cortex, 2015, 72, 15-26.	1.1	44
69	Emotional information in body and background hampers recognition memory for faces. Neurobiology of Learning and Memory, 2012, 97, 321-325.	1.0	43
70	How affective information from faces and scenes interacts in the brain. Social Cognitive and Affective Neuroscience, 2014, 9, 1481-1488.	1.5	43
71	Personality traits predict brain activation and connectivity when witnessing a violent conflict. Scientific Reports, 2015, 5, 13779.	1.6	43
72	Different Cortical Dynamics in Face and Body Perception: An MEG study. PLoS ONE, 2013, 8, e71408.	1.1	42

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73	Face identity matching is influenced by emotions conveyed by face and body. Frontiers in Human Neuroscience, 2014, 8, 53.	1.0	41
74	From Empathy to Apathy: The Bystander Effect Revisited. Current Directions in Psychological Science, 2018, 27, 249-256.	2.8	41
75	Measuring the complexity of writing systems*. Journal of Quantitative Linguistics, 1994, 1, 178-188.	0.7	40
76	A computational neuroethology perspective on body and expression perception. Trends in Cognitive Sciences, 2021, 25, 744-756.	4.0	37
77	Huntington's disease impairs recognition of angry and instrumental body language. Neuropsychologia, 2008, 46, 369-373.	0.7	36
78	Amygdala atrophy affects emotion-related activity in face-responsive regions in frontotemporal degeneration. Cortex, 2016, 82, 179-191.	1.1	34
79	Opponent Coding of Sound Location (Azimuth) in Planum Temporale is Robust to Sound-Level Variations. Cerebral Cortex, 2016, 26, 450-464.	1.6	33
80	Virtual reality and the new psychophysics. British Journal of Psychology, 2018, 109, 421-426.	1.2	33
81	Computation-Based Feature Representation of Body Expressions in the Human Brain. Cerebral Cortex, 2020, 30, 6376-6390.	1.6	33
82	Virtual lesion of right posterior superior temporal sulcus modulates conscious visual perception of fearful expressions in faces and bodies. Cortex, 2015, 65, 184-194.	1.1	32
83	When anger dominates the mind: Increased motor corticospinal excitability in the face of threat. Psychophysiology, 2016, 53, 1307-1316.	1.2	31
84	Naso-temporal asymmetry of the N170 for processing faces in normal viewers but not in developmental prosopagnosia. Neuroscience Letters, 2005, 376, 40-45.	1.0	29
85	Emotional Voice and Emotional Body Postures Influence Each Other Independently of Visual Awareness. PLoS ONE, 2011, 6, e25517.	1.1	29
86	Embodied emotion impairment in Huntington's Disease. Cortex, 2017, 92, 44-56.	1.1	28
87	Active Sound Localization Sharpens Spatial Tuning in Human Primary Auditory Cortex. Journal of Neuroscience, 2018, 38, 8574-8587.	1.7	28
88	The Body Action Coding System II: muscle activations during the perception and expression of emotion. Frontiers in Behavioral Neuroscience, 2014, 8, 330.	1.0	27
89	The neural basis of the bystander effect — The influence of group size on neural activity when witnessing an emergency. NeuroImage, 2014, 93, 53-58.	2.1	27
90	Early Preferential Responses to Fear Stimuli in Human Right Dorsal Visual Stream - A Meg Study. Scientific Reports, 2016, 6, 24831.	1.6	27

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91	Looking at the face and seeing the whole body. Neural basis of combined face and body expressions. Social Cognitive and Affective Neuroscience, 2018, 13, 135-144.	1.5	27
92	The role of computational and subjective features in emotional body expressions. Scientific Reports, 2020, 10, 6202.	1.6	27
93	The Body as a Tool for Anger Awareness—Differential Effects of Angry Facial and Bodily Expressions on Suppression from Awareness. PLoS ONE, 2015, 10, e0139768.	1.1	26
94	First-Person Virtual Embodiment Modulates the Cortical Network that Encodes the Bodily Self and Its Surrounding Space during the Experience of Domestic Violence. ENeuro, 2020, 7, ENEURO.0263-19.2019.	0.9	26
95	Dynamic Interactions between Emotion Perception and Action Preparation for Reacting to Social Threat: A Combined cTBS-fMRI Study. ENeuro, 2018, 5, ENEURO.0408-17.2018.	0.9	26
96	The role of the basolateral amygdala in the perception of faces in natural contexts. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150376.	1.8	24
97	Body-selective areas in the visual cortex are less active in children than in adults. Frontiers in Human Neuroscience, 2014, 8, 941.	1.0	23
98	From face to hand: Attentional bias towards expressive hands in social anxiety. Biological Psychology, 2017, 122, 42-50.	1.1	23
99	Being the victim of virtual abuse changes default mode network responses to emotional expressions. Cortex, 2021, 135, 268-284.	1.1	23
100	The Constructive Nature of Affective Vision: Seeing Fearful Scenes Activates Extrastriate Body Area. PLoS ONE, 2012, 7, e38118.	1.1	22
101	Looming sensitive cortical regions without V1 input: evidence from a patient with bilateral cortical blindness. Frontiers in Integrative Neuroscience, 2015, 9, 51.	1.0	22
102	Emotion modulation of the body-selective areas in the developing brain. Developmental Cognitive Neuroscience, 2019, 38, 100660.	1.9	22
103	Computational Feature Analysis of Body Movements Reveals Hierarchical Brain Organization. Cerebral Cortex, 2019, 29, 3551-3560.	1.6	22
104	Ventral and Dorsal Pathways Relate Differently to Visual Awareness of Body Postures under Continuous Flash Suppression. ENeuro, 2018, 5, ENEURO.0285-17.2017.	0.9	22
105	Configuration perception and face memory, and face context effects in developmental prosopagnosia. Cognitive Neuropsychology, 2012, 29, 464-481.	0.4	21
106	Amygdala responds to direct gaze in real but not in computer-generated faces. NeuroImage, 2020, 204, 116216.	2.1	21
107	Personal distress and the influence of bystanders on responding to an emergency. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 672-688.	1.0	20
108	Body Recognition in a Patient with Bilateral Primary Visual Cortex Lesions. Biological Psychiatry, 2015, 77, e31-e33.	0.7	19

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109	The Neural Basis of Individual Face and Object Perception. Frontiers in Human Neuroscience, 2016, 10, 66.	1.0	19
110	The Many Faces of the Emotional Body. Research and Perspectives in Neurosciences, 2014, , 153-164.	0.4	18
111	Trait Dominance Promotes Reflexive Staring at Masked Angry Body Postures. PLoS ONE, 2014, 9, e116232.	1.1	16
112	fMRI-based Multivariate Pattern Analyses Reveal Imagery Modality and Imagery Content Specific Representations in Primary Somatosensory, Motor and Auditory Cortices. Cerebral Cortex, 2016, 27, 3994-4009.	1.6	16
113	Neurofunctional Signature of Hyperfamiliarity for Unknown Faces. PLoS ONE, 2015, 10, e0129970.	1.1	15
114	The Basolateral Amygdalae and Frontotemporal Network Functions for Threat Perception. ENeuro, 2017, 4, ENEURO.0314-16.2016.	0.9	15
115	Threat Anticipation in Pulvinar and in Superficial Layers of Primary Visual Cortex (V1). Evidence from Layer-Specific Ultra-High Field 7T fMRI. ENeuro, 2019, 6, ENEURO.0429-19.2019.	0.9	15
116	Emotional contagion for unseen bodily expressions: Evidence from facial EMG. , 2008, , .		13
117	Spatiotemporal profiles of visual processing with and without primary visual cortex. NeuroImage, 2012, 63, 1464-1477.	2.1	12
118	How white and black bodies are perceived depends on what emotion is expressed. Scientific Reports, 2017, 7, 41349.	1.6	12
119	A dynamic body-selective area localizer for use in fMRI. MethodsX, 2020, 7, 100801.	0.7	12
120	Face shape and face identity processing in behavioral variant fronto-temporal dementia: A specific deficit for familiarity and name recognition of famous faces. NeuroImage: Clinical, 2016, 11, 368-377.	1.4	11
121	The Grand Challenge for Frontiers in Emotion Science. Frontiers in Psychology, 2010, 1, 187.	1.1	9
122	Localization of complex sounds is modulated by behavioral relevance and sound category. Journal of the Acoustical Society of America, 2017, 142, 1757-1773.	0.5	9
123	The relation between bystanders' behavioral reactivity to distress and later helping behavior during a violent conflict in virtual reality. PLoS ONE, 2018, 13, e0196074.	1.1	9
124	Affective vocalizations influence body ownership as measured in the rubber hand illusion. PLoS ONE, 2017, 12, e0186009.	1.1	9
125	Watch the face and look at the body!. Netherlands Journal of Psychology, 2008, 64, 143-151.	0.5	8
126	The Facial Expressive Action Stimulus Test. A test battery for the assessment of face memory, face and object perception, configuration processing, and facial expression recognition. Frontiers in Psychology, 2015, 6, 1609.	1.1	8

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127	The dynamic consequences of amygdala damage on threat processing in Urbach–Wiethe Disease. AÂcommentary on Pishnamazi etAal. (2016). Cortex, 2017, 88, 192-197.	1.1	8
128	Unconscious fearful body perception enhances discrimination of conscious anger expressions under continuous flash suppression. Neuropsychologia, 2019, 128, 325-331.	0.7	8
129	Domestic Violence From a Child Perspective: Impact of an Immersive Virtual Reality Experience on Men With a History of Intimate Partner Violent Behavior. Journal of Interpersonal Violence, 2023, 38, 2654-2682.	1.3	8
130	Influence of continuous flash suppression mask frequency on stimulus visibility. Neuropsychologia, 2019, 128, 65-72.	0.7	7
131	Decoding the difference between explicit and implicit body expression representation in high level visual, prefrontal and inferior parietal cortex. NeuroImage, 2021, 243, 118545.	2.1	7
132	Threat Detection in Nearby Space Mobilizes Human Ventral Premotor Cortex, Intraparietal Sulcus, and Amygdala. Brain Sciences, 2022, 12, 391.	1.1	7
133	Uncanny Sight in the Blind. Scientific American, 2010, 302, 60-65.	1.0	6
134	The Influence of Conscious and Unconscious Body Threat Expressions on Motor Evoked Potentials Studied With Continuous Flash Suppression. Frontiers in Neuroscience, 2018, 12, 480.	1.4	6
135	The representation and plasticity of body emotion expression. Psychological Research, 2020, 84, 1400-1406.	1.0	6
136	Looking beyond indirect lesion network mapping of prosopagnosia: direct measures required. Brain, 2021, 144, e75-e75.	3.7	6
137	Reorganization of Sound Location Processing in the Auditory Cortex of Blind Humans. Cerebral Cortex, 2020, 30, 1103-1116.	1.6	5
138	The risks of rationalising cognitive development. Behavioral and Brain Sciences, 1994, 17, 713-714.	0.4	4
139	Classical paintings may trigger pain and pleasure in the gendered brain. Cortex, 2018, 109, 171-180.	1.1	4
140	Face specificity of developmental prosopagnosia, moving beyond the debate on face specificity. Cognitive Neuropsychology, 2018, 35, 87-89.	0.4	4
141	Freezing responses to virtual characters are impacted by body expression, group affiliation, and threat proximity. Current Research in Behavioral Sciences, 2022, 3, 100075.	2.4	3
142	Men fear other men most: Gender specific brain activations in perceiving threat from dynamic faces and bodies. An fMRI study Nature Precedings, 2010, , .	0.1	2
143	Visual stimuli modulate frontal oscillatory rhythms in a cortically blind patient: Evidence for top-down visual processing. Clinical Neurophysiology, 2017, 128, 770-779.	0.7	2
144	A paleo-neurologic investigation of the social brain hypothesis in frontotemporal dementia. Cerebral Cortex, 2023, 33, 622-633.	1.6	2

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145	The power of tears: Observers' brain responses show that tears provide unambiguous signals independent of scene context. NeuroImage Reports, 2022, 2, 100105.	0.5	2
146	Emotions as mind organs. Behavioral and Brain Sciences, 2012, 35, 147-148.	0.4	1
147	Acquired Prosopagnosia with Structurally Intact and Functional Fusiform Face Area and with Face Identity-Specific Configuration Processing Deficits. Cerebral Cortex, 2022, , .	1.6	1
148	Why not model spoken word recognition instead of phoneme monitoring?. Behavioral and Brain Sciences, 2000, 23, 349-350.	0.4	0
149	A unified science of the non-conscious mind?. Nature Reviews Neuroscience, 2011, 12, 302-302.	4.9	0
150	Suppression of Face Perception during Saccadic Eye Movements. Journal of Ophthalmology, 2014, 2014, 1-7.	0.6	0
151	Audiovisual Association Learning in the Absence of Primary Visual Cortex. Frontiers in Human Neuroscience, 2016, 9, 686.	1.0	Ο