

# Dirk Wildgruber

## List of Publications by Year in descending order

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93  
papers

5,266  
citations

87843

38  
h-index

88593

70  
g-index

94  
all docs

94  
docs citations

94  
times ranked

4820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensorimotor mapping of the human cerebellum: fMRI evidence of somatotopic organization. <i>Human Brain Mapping</i> , 2001, 13, 55-73.	1.9	436
2	Opposite hemispheric lateralization effects during speaking and singing at motor cortex, insula and cerebellum. <i>NeuroReport</i> , 2000, 11, 1997-2000.	0.6	286
3	Audiovisual integration of emotional signals in voice and face: An event-related fMRI study. <i>NeuroImage</i> , 2007, 37, 1445-1456.	2.1	258
4	Right-Hemispheric Organization of Language Following Early Left-Sided Brain Lesions: Functional MRI Topography. <i>NeuroImage</i> , 2002, 16, 954-967.	2.1	226
5	Cerebral pathways in processing of affective prosody: A dynamic causal modeling study. <i>NeuroImage</i> , 2006, 30, 580-587.	2.1	218
6	Functional lateralization of speech production at primary motor cortex. <i>NeuroReport</i> , 1996, 7, 2791-2796.	0.6	194
7	Emotional Voice Areas: Anatomic Location, Functional Properties, and Structural Connections Revealed by Combined fMRI/DTI. <i>Cerebral Cortex</i> , 2012, 22, 191-200.	1.6	159
8	Cerebral processing of emotional prosodyâ€™influence of acoustic parameters and arousal. <i>NeuroImage</i> , 2008, 39, 885-893.	2.1	150
9	Does the cerebellum contribute to cognitive aspects of speech production? A functional magnetic resonance imaging (fMRI) study in humans. <i>Neuroscience Letters</i> , 1998, 247, 187-190.	1.0	145
10	Amygdala activation during reading of emotional adjectivesâ€™an advantage for pleasant content. <i>Social Cognitive and Affective Neuroscience</i> , 2009, 4, 35-49.	1.5	140
11	Parametric analysis of rate-dependent hemodynamic response functions of cortical and subcortical brain structures during auditorily cued finger tapping: a fMRI study. <i>NeuroImage</i> , 2003, 18, 731-739.	2.1	135
12	Hemispheric Lateralization Effects of Rhythm Implementation during Syllable Repetitions: An fMRI Study. <i>NeuroImage</i> , 2002, 16, 169-176.	2.1	134
13	Differential Influences of Emotion, Task, and Novelty on Brain Regions Underlying the Processing of Speech Melody. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1255-1268.	1.1	128
14	Impact of voice on emotional judgment of faces: An event-related fMRI study. <i>Human Brain Mapping</i> , 2006, 27, 707-714.	1.9	126
15	Association of trait emotional intelligence and individual fMRIâ€™activation patterns during the perception of social signals from voice and face. <i>Human Brain Mapping</i> , 2010, 31, 979-991.	1.9	123
16	Emotional voices in context: A neurobiological model of multimodal affective information processing. <i>Physics of Life Reviews</i> , 2011, 8, 383-403.	1.5	121
17	Effects of prosodic emotional intensity on activation of associative auditory cortex. <i>NeuroReport</i> , 2006, 17, 249-253.	0.6	106
18	Articulatory/Phonetic Sequencing at the Level of the Anterior Perisylvian Cortex: A Functional Magnetic Resonance Imaging (fMRI) Study. <i>Brain and Language</i> , 2000, 75, 259-276.	0.8	105

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19	Cerebral representation of non-verbal emotional perception: fMRI reveals audiovisual integration area between voice- and face-sensitive regions in the superior temporal sulcus. <i>Neuropsychologia</i> , 2009, 47, 3059-3066.	0.7	99
20	Investigating audiovisual integration of emotional signals in the human brain. <i>Progress in Brain Research</i> , 2006, 156, 345-361.	0.9	97
21	Sequential activation of supplementary motor area and primary motor cortex during self-paced finger movement in human evaluated by functional MRI. <i>Neuroscience Letters</i> , 1997, 227, 161-164.	1.0	95
22	A cerebral network model of speech prosody comprehension. <i>International Journal of Speech-Language Pathology</i> , 2009, 11, 277-281.	0.6	81
23	Differentiation of emotions in laughter at the behavioral level.. <i>Emotion</i> , 2009, 9, 397-405.	1.5	80
24	Age-related decrease in recognition of emotional facial and prosodic expressions.. <i>Emotion</i> , 2012, 12, 529-539.	1.5	79
25	Functional responses and structural connections of cortical areas for processing faces and voices in the superior temporal sulcus. <i>NeuroImage</i> , 2013, 76, 45-56.	2.1	73
26	Gender differences in emotion recognition: Impact of sensory modality and emotional category. <i>Cognition and Emotion</i> , 2014, 28, 452-469.	1.2	71
27	Acoustic profiles of distinct emotional expressions in laughter. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 354-366.	0.5	70
28	Response and habituation of the amygdala during processing of emotional prosody. <i>NeuroReport</i> , 2009, 20, 1356-1360.	0.6	66
29	It is not always tickling: Distinct cerebral responses during perception of different laughter types. <i>NeuroImage</i> , 2010, 53, 1264-1271.	2.1	64
30	Dynamical Cluster Analysis of Cortical fMRI Activation. <i>NeuroImage</i> , 1999, 9, 477-489.	2.1	60
31	Rate-dependent activation of a prefrontal-insular-cerebellar network during passive listening to trains of click stimuli: an fMRI study. <i>NeuroReport</i> , 2001, 12, 4087-4092.	0.6	59
32	The voices of seduction: cross-gender effects in processing of erotic prosody. <i>Social Cognitive and Affective Neuroscience</i> , 2007, 2, 334-337.	1.5	57
33	Dynamic pattern of brain activation during sequencing of word strings evaluated by fMRI. <i>Cognitive Brain Research</i> , 1999, 7, 285-294.	3.3	56
34	How the brain laughs. <i>Behavioural Brain Research</i> , 2007, 182, 245-260.	1.2	51
35	Impact of personality on the cerebral processing of emotional prosody. <i>NeuroImage</i> , 2011, 58, 259-268.	2.1	51
36	Nonverbal signals speak up: Association between perceptual nonverbal dominance and emotional intelligence. <i>Cognition and Emotion</i> , 2013, 27, 783-799.	1.2	51

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37	Impact of task difficulty on lateralization of pitch and duration discrimination. <i>NeuroReport</i> , 2005, 16, 239-242.	0.6	46
38	Improvement of the acquisition of a large amount of MR images on a conventional whole body system. <i>Magnetic Resonance Imaging</i> , 1999, 17, 471-474.	1.0	42
39	Comparative characterization of human induced pluripotent stem cells (hiPSC) derived from patients with schizophrenia and autism. <i>Translational Psychiatry</i> , 2019, 9, 179.	2.4	40
40	Reorganization of Speech Production at the Motor Cortex and Cerebellum following Capsular Infarction: a Follow-up Functional Magnetic Resonance Imaging Study. <i>Neurocase</i> , 2002, 8, 417-423.	0.2	35
41	Cerebral Processing of Timbre and Loudness: fMRI Evidence for a Contribution of Broca's Area to Basic Auditory Discrimination. <i>Brain Imaging and Behavior</i> , 2008, 2, 1-10.	1.1	34
42	Emotion perception in adult attention-deficit hyperactivity disorder. <i>Journal of Neural Transmission</i> , 2016, 123, 961-970.	1.4	33
43	I Can't Keep Your Face and Voice Out of My Head: Neural Correlates of an Attentional Bias Toward Nonverbal Emotional Cues. <i>Cerebral Cortex</i> , 2014, 24, 1460-1473.	1.6	32
44	Effects of Subthalamic Nucleus Stimulation on Emotional Prosody Comprehension in Parkinson's Disease. <i>PLoS ONE</i> , 2011, 6, e19140.	1.1	30
45	Formant Characteristics of Human Laughter. <i>Journal of Voice</i> , 2011, 25, 32-37.	0.6	28
46	They Are Laughing at Me: Cerebral Mediation of Cognitive Biases in Social Anxiety. <i>PLoS ONE</i> , 2014, 9, e99815.	1.1	26
47	When seeing outweighs feeling: a role for prefrontal cortex in passive control of negative affect in blindsight. <i>Brain</i> , 2009, 132, 3021-3031.	3.7	24
48	Acoustic correlates of emotional dimensions in laughter: Arousal, dominance, and valence. <i>Cognition and Emotion</i> , 2011, 25, 599-611.	1.2	24
49	Feasibility of NIRS-based neurofeedback training in social anxiety disorder: behavioral and neural correlates. <i>Journal of Neural Transmission</i> , 2019, 126, 1175-1185.	1.4	24
50	Cerebral integration of verbal and nonverbal emotional cues: Impact of individual nonverbal dominance. <i>NeuroImage</i> , 2012, 61, 738-747.	2.1	23
51	Different Types of Laughter Modulate Connectivity within Distinct Parts of the Laughter Perception Network. <i>PLoS ONE</i> , 2013, 8, e63441.	1.1	23
52	Laughter perception in social anxiety. <i>Journal of Psychiatric Research</i> , 2015, 60, 178-184.	1.5	22
53	Non-verbal emotion communication training induces specific changes in brain function and structure. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 648.	1.0	21
54	Judgment of emotional information expressed by prosody and semantics in patients with unipolar depression. <i>Frontiers in Psychology</i> , 2013, 4, 461.	1.1	20

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55	Reduced functional connectivity to the frontal cortex during processing of social cues in autism spectrum disorder. <i>Journal of Neural Transmission</i> , 2016, 123, 937-947.	1.4	20
56	Neurobiological correlates of emotional intelligence in voice and face perception networks. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 233-244.	1.5	20
57	Prefrontal mediation of emotion regulation in social anxiety disorder during laughter perception. <i>Neuropsychologia</i> , 2017, 96, 175-183.	0.7	19
58	Evidence for two distinct domains of negative symptoms: Confirming the factorial structure of the CAINS. <i>Psychiatry Research</i> , 2019, 271, 693-701.	1.7	16
59	Measurement of negative and depressive symptoms: Discriminatory relevance of affect and expression. <i>European Psychiatry</i> , 2019, 55, 23-28.	0.1	15
60	Cerebrospinal fluid findings in patients with psychotic symptoms—a retrospective analysis. <i>Scientific Reports</i> , 2021, 11, 7169.	1.6	13
61	Effects of Emotional Intelligence on the Impression of Irony Created by the Mismatch between Verbal and Nonverbal Cues. <i>PLoS ONE</i> , 2016, 11, e0163211.	1.1	12
62	Cerebral Processing of Prosodic Emotional Signals: Evaluation of a Network Model Using rTMS. <i>PLoS ONE</i> , 2014, 9, e105509.	1.1	11
63	Neural correlates of processing emotional prosody in unipolar depression. <i>Human Brain Mapping</i> , 2018, 39, 3419-3427.	1.9	11
64	“Inner voices”™: the cerebral representation of emotional voice cues described in literary texts. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1819-1827.	1.5	10
65	Effects of cue modality and emotional category on recognition of nonverbal emotional signals in schizophrenia. <i>BMC Psychiatry</i> , 2016, 16, 218.	1.1	10
66	Tuned to voices and faces: Cerebral responses linked to social anxiety. <i>NeuroImage</i> , 2019, 197, 450-456.	2.1	10
67	Friend vs. Foe: Cognitive and Affective Empathy in Women With Different Hormonal States. <i>Frontiers in Neuroscience</i> , 2021, 15, 608768.	1.4	10
68	Attenuated impression of irony created by the mismatch of verbal and nonverbal cues in patients with autism spectrum disorder. <i>PLoS ONE</i> , 2018, 13, e0205750.	1.1	9
69	Recurrent Episodes of Paraphilic Behavior Possibly Associated With Olanzapine and Aripiprazole Treatment in a Patient With Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 318.	1.3	9
70	Processing of a simple aversive conditioned stimulus in a divided visual field paradigm: an fMRI study. <i>Experimental Brain Research</i> , 2005, 162, 213-219.	0.7	7
71	Perception of Verbal and Nonverbal Emotional Signals in Women With Borderline Personality Disorder: Evidence of a Negative Bias and an Increased Reliance on Nonverbal Cues. <i>Journal of Personality Disorders</i> , 2017, 31, 221-231.	0.8	7
72	Properties of face localizer activations and their application in functional magnetic resonance imaging (fMRI) fingerprinting. <i>PLoS ONE</i> , 2019, 14, e0214997.	1.1	7

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73	Self-assessment of negative symptoms – Critical appraisal of the motivation and pleasure – Self-report's (MAP-SR) validity and reliability. <i>Comprehensive Psychiatry</i> , 2019, 88, 22-28.	1.5	7
74	Are you laughing at me? Neural correlates of social intent attribution to auditory and visual laughter. <i>Human Brain Mapping</i> , 2020, 41, 353-361.	1.9	7
75	Integration of verbal and nonverbal emotional signals in patients with schizophrenia: Decreased nonverbal dominance. <i>Psychiatry Research</i> , 2016, 241, 98-103.	1.7	6
76	Emotion and self in psychotic disorders: Behavioral evidence from an emotional evaluation task using verbal stimuli varying in emotional valence and self-reference. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2018, 58, 86-96.	0.6	6
77	Cerebral resting state markers of biased perception in social anxiety. <i>Brain Structure and Function</i> , 2019, 224, 759-777.	1.2	6
78	Vocal Expression of Affective States in Spontaneous Laughter reveals the Bright and the Dark Side of Laughter. <i>Scientific Reports</i> , 2022, 12, 5613.	1.6	6
79	Fear of Being Laughed at in Borderline Personality Disorder. <i>Frontiers in Psychology</i> , 2018, 9, 4.	1.1	4
80	The Neural Correlates of Face-Voice-Integration in Social Anxiety Disorder. <i>Frontiers in Psychiatry</i> , 2020, 11, 657.	1.3	4
81	FASTER and SCOTT&EVA trainings for adults with high-functioning autism spectrum disorder (ASD): study protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 261.	0.7	4
82	Evolutionary perspectives on emotions and their link to intentions, dispositions and behavior. <i>Physics of Life Reviews</i> , 2015, 13, 89-91.	1.5	3
83	CACNA1C risk variant affects microstructural connectivity of the amygdala. <i>NeuroImage: Clinical</i> , 2019, 22, 101774.	1.4	3
84	Psychosis associated to CASPR2 autoantibodies and ovarian teratoma: A case report. <i>Psychiatry Research</i> , 2020, 285, 112725.	1.7	3
85	Neural Basis of Impaired Emotion Recognition in Adult Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 680-687.	1.1	3
86	Audiovisual Integration of Emotional Information from Voice and Face. , 2013, , 225-251.		3
87	Correlates of individual voice and face preferential responses during resting state. <i>Scientific Reports</i> , 2022, 12, 7117.	1.6	3
88	Untersuchungen zur zerebralen Organisation der Sprachproduktion mittels fMRT. <i>Klinische Neuroradiologie</i> , 1999, 9, 118-133.	0.9	2
89	Brain dynamics induced by language production. , 2004, , 397-430.		1
90	From evolutionary roots to a broad spectrum of complex human emotions: Future research perspectives in the field of emotional vocal communication. <i>Physics of Life Reviews</i> , 2012, 9, 9-12.	1.5	1

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91	â€œThe Inner Theaterâ€• SAGE Open, 2016, 6, 215824401663525.	0.8	1
92	Functional imaging of language competent brain areas. , 2009, , 131-154.		0
93	Emotion-modulated Recall: Congruency Effects of Nonverbal Facial and Vocal Cues on Semantic Recall. Collabra: Psychology, 2022, 8, .	0.9	0