Ricarda Ines Schubotz

List of Publications by Year
in descending order

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115 papers	6,716 citations	81839 39 h-index	64755 79 g-index
125 all docs	125 docs citations	125 times ranked	5658 citing authors

#	Article	IF	Citations
1	The brain differentiates human and non-human grammars: Functional localization and structural connectivity. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2458-2463.	3.3	572
2	Prediction of external events with our motor system: towards a new framework. Trends in Cognitive Sciences, 2007, 11, 211-218.	4.0	462
3	Brain correlates of aesthetic judgment of beauty. NeuroImage, 2006, 29, 276-285.	2.1	449
4	Time Perception and Motor Timing: A Common Cortical and Subcortical Basis Revealed by fMRI. NeuroImage, 2000, 11, 1-12.	2.1	390
5	Prediction, cognition and the brain. Frontiers in Human Neuroscience, 2010, 4, 25.	1.0	360
6	Functionalâ€“anatomical concepts of human premotor cortex: evidence from fMRI and PET studies. NeuroImage, 2003, 20, S120-S131.	2.1	270
7	Hierarchical artificial grammar processing engages Broca's area. NeuroImage, 2008, 42, 525-534.	2.1	221
8	Functional organization of the lateral premotor cortex: fMRI reveals different regions activated by anticipation of object properties, location and speed. Cognitive Brain Research, 2001, 11, 97-112.	3.3	203
9	Predicting events of varying probability: uncertainty investigated by fMRI. NeuroImage, 2003, 19, 271-280.	2.1	187
10	Predicting Perceptual Events Activates Corresponding Motor Schemes in Lateral Premotor Cortex: An fMRI Study. NeuroImage, 2002, 15, 787-796.	2.1	181
11	Sequences of Abstract Nonbiological Stimuli Share Ventral Premotor Cortex with Action Observation and Imagery. Journal of Neuroscience, 2004, 24, 5467-5474.	1.7	176
12	Variants of uncertainty in decision-making and their neural correlates. Brain Research Bulletin, 2005, 67, 403-412.	1.4	166
13	Intentional control of attention: action planning primes action-related stimulus dimensions. Psychological Research, 2007, 71, 22-29.	1.0	164
14	Dynamic Anticipatory Processing of Hierarchical Sequential Events: a Common Role for Broca's Area and Ventral Premotor Cortex Across Domains?. Cortex, 2006, 42, 499-502.	1.1	143
15	Premotor cortex in observing erroneous action: an fMRI study. Cognitive Brain Research, 2003, 15, 296-307.	3.3	139
16	Auditory what, where, and when: a sensory somatotopy in lateral premotor cortex. NeuroImage, 2003, 20, 173-185.	2.1	126
17	Thinking about the future versus the past in personal and non-personal contexts. Brain Research, 2008, 1233, 106-119.	1.1	126
18	Why am I unsure? Internal and external attributions of uncertainty dissociated by fMRI. NeuroImage, 2004, 21, 848-857.	2.1	118

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19	Motion Class Dependency in Observers' Motor Areas Revealed by Functional Magnetic Resonance Imaging. Journal of Neuroscience, 2005, 25, 1335-1342.	1.7	85
20	Tuningâ€in to the beat: Aesthetic appreciation of musical rhythms correlates with a premotor activity boost. Human Brain Mapping, 2010, 31, 48-64.	1.9	85
21	Repetitive TMS Suggests a Role of the Human Dorsal Premotor Cortex in Action Prediction. Frontiers in Human Neuroscience, 2012, 6, 20.	1.0	85
22	A Blueprint for Target Motion: fMRI Reveals Perceived Sequential Complexity to Modulate Premotor Cortex. NeuroImage, 2002, 16, 920-935.	2.1	84
23	Neural circuits of hierarchical visuo-spatial sequence processing. Brain Research, 2009, 1298, 161-170.	1.1	81
24	Predicting and memorizing observed action: Differential premotor cortex involvement. Human Brain Mapping, 2011, 32, 677-687.	1.9	78
25	Why You Think Milan is Larger than Modena: Neural Correlates of the Recognition Heuristic. Journal of Cognitive Neuroscience, 2006, 18, 1924-1936.	1.1	72
26	Anatomical and functional parcellation of the human lateral premotor cortex. NeuroImage, 2010, 50, 396-408.	2.1	72
27	Decision-making and the frontal lobes. Current Opinion in Neurology, 2006, 19, 401-406.	1.8	70
28	Caudate Nucleus Signals for Breaches of Expectation in a Movement Observation Paradigm. Frontiers in Human Neuroscience, 2011, 5, 38.	1.0	58
29	Violation of Expectation: Neural Correlates Reflect Bases of Prediction. Journal of Cognitive Neuroscience, 2009, 21, 155-168.	1.1	57
30	Squeezing lemons in the bathroom: Contextual information modulates action recognition. NeuroImage, 2012, 59, 1551-1559.	2.1	57
31	Surprised at All the Entropy: Hippocampal, Caudate and Midbrain Contributions to Learning from Prediction Errors. PLoS ONE, 2012, 7, e36445.	1.1	54
32	Meeting George Bush versus Meeting Cinderella: The Neural Response When Telling Apart What is Real from What is Fictional in the Context of Our Reality. Journal of Cognitive Neuroscience, 2008, 20, 965-976.	1.1	50
33	Integrative Models of Broca's Area and the Ventral Premotor Cortex. Cortex, 2006, 42, 461-463.	1.1	49
34	An event-related potential study on the observation of erroneous everyday actions. Cognitive, Affective and Behavioral Neuroscience, 2007, 7, 278-285.	1.0	49
35	Mixing costs and switch costs when switching stimulus dimensions in serial predictions. Psychological Research, 2008, 72, 405-414.	1.0	48
36	Understanding non-biological dynamics with your own premotor system. NeuroImage, 2007, 36, T33-T43.	2.1	45

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37	Minds, persons, and space: An fMRI investigation into the relational complexity of higher-order intentionality. Consciousness and Cognition, 2008, 17, 438-450.	0.8	44
38	Attention and entrainment: P3b varies as a function of temporal predictability. NeuroReport, 2009, 20, 31-36.	0.6	44
39	Objects tell us what action we can expect: dissociating brain areas for retrieval and exploitation of action knowledge during action observation in fMRI. Frontiers in Psychology, 2014, 5, 636.	1.1	43
40	The Perception of Natural and Modulated Movement Sounds. Perception, 2014, 43, 796-804.	0.5	43
41	Dynamic patterns make the premotor cortex interested in objects: influence of stimulus and task revealed by fMRI. Cognitive Brain Research, 2002, 14, 357-369.	3.3	41
42	Matching mind to world and vice versa: Functional dissociations between belief and desire mental state processing. Social Neuroscience, 2010, 5, 1-18.	0.7	37
43	Confining the Concept of Vascular Depression to Late-Onset Depression: A Meta-Analysis of MRI-Defined Hyperintensity Burden in Major Depressive Disorder and Bipolar Disorder. Frontiers in Psychology, 2019, 10, 1241.	1.1	37
44	The Case of Pretense: Observing Actions and Inferring Goals. Journal of Cognitive Neuroscience, 2009, 21, 642-653.	1.1	34
45	Authenticity affects the recognition of emotions in speech: behavioral and fMRI evidence. Cognitive, Affective and Behavioral Neuroscience, 2012, 12, 140-150.	1.0	34
46	Differential role of anterior prefrontal and premotor cortex in the processing of relational information. NeuroImage, 2010, 49, 2890-2900.	2.1	33
47	Instruction differentiates the processing of temporal and spatial sequential patterns: evidence from slow wave activity in humans. Neuroscience Letters, 1999, 265, 1-4.	1.0	30
48	Reduced fractional anisotropy in depressed patients due to childhood maltreatment rather than diagnosis. Neuropsychopharmacology, 2019, 44, 2065-2072.	2.8	30
49	Whatâ€™s she doing in the kitchen? Context helps when actions are hard to recognize. Psychonomic Bulletin and Review, 2017, 24, 503-509.	1.4	29
50	Motor Areas Beyond Motor Performance: Deficits in Serial Prediction Following Ventrolateral Premotor Lesions.. Neuropsychology, 2004, 18, 638-645.	1.0	27
51	The Contextâ€“Objectâ€“Manipulation Triad: Cross Talk during Action Perception Revealed by fMRI. Journal of Cognitive Neuroscience, 2012, 24, 1548-1559.	1.1	27
52	The fraction of an action is more than a movement: Neural signatures of event segmentation in fMRI. NeuroImage, 2012, 61, 1195-1205.	2.1	26
53	Impairment of Auditory-Motor Timing and Compensatory Reorganization after Ventral Premotor Cortex Stimulation. PLoS ONE, 2011, 6, e21421.	1.1	25
54	Electrophysiological correlates of temporal and spatial information processing. NeuroReport, 1997, 8, 1981-1986.	0.6	23

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55	Adult patients with ADHD differ from healthy controls in implicit, but not explicit, emotion regulation. Journal of Psychiatry and Neuroscience, 2019, 44, 340-349.	1.4	22
56	Action observers implicitly expect actors to act goalâ€coherently, even if they do not: An fMRI study. Human Brain Mapping, 2014, 35, 2178-2190.	1.9	21
57	"What" Becoming "Where": Functional Magnetic Resonance Imaging Evidence for Pragmatic Relevance Driving Premotor Cortex. Journal of Neuroscience, 2004, 24, 10431-10439.	1.7	20
58	Do we mind other minds when we mind other minds' actions? A functional magnetic resonance imaging study. Human Brain Mapping, 2011, 32, 2141-2150.	1.9	19
59	Differences in processing violations of sequential and feature regularities as revealed by visual event-related brain potentials. Brain Research, 2010, 1317, 192-202.	1.1	18
60	Neural changes when actions change: Adaptation of strong and weak expectations. Human Brain Mapping, 2013, 34, 1713-1727.	1.9	18
61	Predicting goals in action episodes attenuates BOLD response in inferior frontal and occipitotemporal cortex. Behavioural Brain Research, 2014, 274, 108-117.	1.2	18
62	Orienting asymmetries and lateralized processing of sounds in humans. BMC Neuroscience, 2009, 10, 14.	0.8	17
63	Inhibitory stimulation of the ventral premotor cortex temporarily interferes with musical beat rate preference. Human Brain Mapping, 2011, 32, 1300-1310.	1.9	16
64	Surprisingly correct: Unexpectedness of observed actions activates the medial prefrontal cortex. Human Brain Mapping, 2014, 35, 1615-1629.	1.9	16
65	Making sense of objects lying around: How contextual objects shape brain activity during action observation. NeuroImage, 2018, 167, 429-437.	2.1	16
66	Exploring the detection of associatively novel events using fMRI. Human Brain Mapping, 2011, 32, 370-381.	1.9	15
67	Dissociating dynamic probability and predictability in observed actionsÃ¢â‚¬â€an fMRI study. Frontiers in Human Neuroscience, 2014, 8, 273.	1.0	14
68	Motor loop dysfunction causes impaired cognitive sequencing in patients suffering from Parkinson's disease. Neuropsychologia, 2015, 77, 409-420.	0.7	14
69	Frontostriatal Contribution to the Interplay of Flexibility and Stability in Serial Prediction. Journal of Cognitive Neuroscience, 2017, 29, 298-309.	1.1	14
70	The role of the temporoparietal junction (TPJ) in action observation: Agent detection rather than visuospatial transformation. NeuroImage, 2018, 165, 48-55.	2.1	13
71	Incidental or Intentional? Different Brain Responses to One's Own Action Sounds in Hurdling vs. Tap Dancing. Frontiers in Neuroscience, 2020, 14, 483.	1.4	12
72	Action at its place: Contextual settings enhance action recognition in 4- to 8-year-old children.. Developmental Psychology, 2017, 53, 662-670.	1.2	12

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73	Explicit authenticity and stimulus features interact to modulate BOLD response induced by emotional speech. Cognitive, Affective and Behavioral Neuroscience, 2013, 13, 318-329.	1.0	11
74	Strategic adaptation to non-reward prediction error qualities and irreducible uncertainty in fMRI. Cortex, 2017, 97, 32-48.	1.1	11
75	Interoceptive sensibility predicts the ability to infer othersâ€™ emotional states. PLoS ONE, 2021, 16, e0258089.	1.1	11
76	Joint principles of motor and cognitive dysfunction in Parkinsonâ€™s disease. Neuropsychologia, 2013, 51, 1417-1425.	0.7	10
77	Recognizing the authenticity of emotional expressions: F0 contour matters when you need to know. Frontiers in Human Neuroscience, 2014, 8, 144.	1.0	10
78	Predictive Impact of Contextual Objects during Action Observation: Evidence from Functional Magnetic Resonance Imaging. Journal of Cognitive Neuroscience, 2020, 32, 326-337.	1.1	10
79	Objects Mediate Goal Integration in Ventrolateral Prefrontal Cortex during Action Observation. PLoS ONE, 2015, 10, e0134316.	1.1	9
80	Association of brain white matter microstructure with cognitive performance in major depressive disorder and healthy controls: a diffusion-tensor imaging study. Molecular Psychiatry, 2022, 27, 1103-1110.	4.1	9
81	Motor foundations of higher cognition: similarities and differences in processing regular and violated perceptual sequences of different specificity. European Journal of Neuroscience, 2009, 30, 2407-2414.	1.2	8
82	Frontomedian activation depends on both feedback validity and valence: fMRI evidence for contextual feedback evaluation. NeuroImage, 2005, 27, 564-571.	2.1	7
83	Intact action segmentation in Parkinson's disease: Hypothesis testing using a novel computational approach. Neuropsychologia, 2015, 78, 29-40.	0.7	7
84	Graph measures in task-based fMRI: Functional integration during read-out of visual and auditory information. PLoS ONE, 2018, 13, e0207119.	1.1	7
85	Temporally remote destabilization of prediction after rare breaches of expectancy. Human Brain Mapping, 2012, 33, 1812-1820.	1.9	6
86	Sensory-guided motor tasks benefit from mental training based on serial prediction. Neuropsychologia, 2014, 54, 18-27.	0.7	6
87	Association of grey matter changes with stability and flexibility of prediction in akinetic-rigid Parkinsonâ€™s disease. Brain Structure and Function, 2018, 223, 2097-2111.	1.2	5
88	Early alpha/beta oscillations reflect the formation of face-related expectations in the brain. PLoS ONE, 2021, 16, e0255116.	1.1	5
89	White matter fiber microstructure is associated with prior hospitalizations rather than acute symptomatology in major depressive disorder. Psychological Medicine, 2020, , 1-9.	2.7	4
90	Using enriched semantic event chains to model human action prediction based on (minimal) spatial information. PLoS ONE, 2020, 15, e0243829.	1.1	4

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91	Seeing What I Did (Not): Cerebral and Behavioral Effects of Agency and Perspective on Episodic Memory Re-activation. Frontiers in Behavioral Neuroscience, 2021, 15, 793115.	1.0	4
92	Brains have emulators with brains: Emulation economized. Behavioral and Brain Sciences, 2004, 27, 414-415.	0.4	3
93	Prefrontal Cortex Activation Reflects Efficient Exploitation of Higher-order Statistical Structure. Journal of Cognitive Neuroscience, 2016, 28, 1909-1922.	1.1	3
94	Motor cognition in patients treated with subthalamic nucleus deep brain stimulation: Limits of compensatory overactivity in Parkinson's disease. Neuropsychologia, 2018, 117, 491-499.	0.7	3
95	Being right matters: Model-compliant events in predictive processing. PLoS ONE, 2019, 14, e0218311.	1.1	3
96	Too Late! Influence of Temporal Delay on the Neural Processing of Oneâ€™s Own Incidental and Intentional Action-Induced Sounds. Frontiers in Neuroscience, 2020, 14, 573970.	1.4	3
97	Impaired context-sensitive adjustment of behaviour in Parkinsonâ€™s disease patients tested on and off medication: An fMRI study. NeuroImage, 2020, 212, 116674.	2.1	3
98	Touching events predict human action segmentation in brain and behavior. NeuroImage, 2021, 243, 118534.	2.1	3
99	Neural Systems Underlying the Prediction of Complex Events. Cognitive Systems Monographs, 2016, , 81-92.	0.1	3
100	Cerebral and behavioral signs of impaired cognitive flexibility and stability in schizophrenia spectrum disorders. NeuroImage: Clinical, 2021, 32, 102855.	1.4	3
101	What Happened When? Cerebral Processing of Modified Structure and Content in Episodic Cueing. Journal of Cognitive Neuroscience, 2022, , 1-19.	1.1	2
102	Exploitation of local and global information in predictive processing. PLoS ONE, 2020, 15, e0231021.	1.1	1
103	Positive and negative prediction error signals to violated expectations of face and place stimuli distinctively activate FFA and PPA. NeuroImage, 2021, 236, 118028.	2.1	1
104	How anticipation recruits our motor system: the habitual pragmatic event map revisited. , 1993, , 141-161.		1
105	Surmising synchrony of sound and sight: Factors explaining variance of audiovisual integration in hurdling, tap dancing and drumming. PLoS ONE, 2021, 16, e0253130.	1.1	0
106	Neural bases of rhythm prediction. , 2010, , 345-356.		0
107	Long-Term Planning and Prediction: Visiting a Construction Site in the Human Brain. , 2011, , 79-104.		0
108	Why You Think Milan Is Larger than Modena: Neural Correlates of the Recognition Heuristic. , 2011, , 524-539.		0

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109	9. Memory for Time: Separating Temporal from Spatial Information Processing. , 0, , .		0
110	OUP accepted manuscript. Cerebral Cortex, 2022, , .	1.6	0
111	Title is missing!. , 2020, 15, e0243829.		0
112	Title is missing!. , 2020, 15, e0243829.		0
113	Title is missing!. , 2020, 15, e0243829.		0
114	Title is missing!. , 2020, 15, e0243829.		0
115	Title is missing!. , 2020, 15, e0243829.		0