

# Ricarda Ines Schubotz

## List of Publications by Year in descending order

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Version: 2024-02-01

115  
papers

6,716  
citations

81743

39  
h-index

64668

79  
g-index

125  
all docs

125  
docs citations

125  
times ranked

5658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of brain white matter microstructure with cognitive performance in major depressive disorder and healthy controls: a diffusion-tensor imaging study. <i>Molecular Psychiatry</i> , 2022, 27, 1103-1110.	4.1	9
2	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2022, , .	1.6	0
3	What Happened When? Cerebral Processing of Modified Structure and Content in Episodic Cueing. <i>Journal of Cognitive Neuroscience</i> , 2022, , 1-19.	1.1	2
4	Surmising synchrony of sound and sight: Factors explaining variance of audiovisual integration in hurdling, tap dancing and drumming. <i>PLoS ONE</i> , 2021, 16, e0253130.	1.1	0
5	Early alpha/beta oscillations reflect the formation of face-related expectations in the brain. <i>PLoS ONE</i> , 2021, 16, e0255116.	1.1	5
6	Positive and negative prediction error signals to violated expectations of face and place stimuli distinctively activate FFA and PPA. <i>NeuroImage</i> , 2021, 236, 118028.	2.1	1
7	Touching events predict human action segmentation in brain and behavior. <i>NeuroImage</i> , 2021, 243, 118534.	2.1	3
8	Cerebral and behavioral signs of impaired cognitive flexibility and stability in schizophrenia spectrum disorders. <i>NeuroImage: Clinical</i> , 2021, 32, 102855.	1.4	3
9	Interoceptive sensibility predicts the ability to infer others'™ emotional states. <i>PLoS ONE</i> , 2021, 16, e0258089.	1.1	11
10	Seeing What I Did (Not): Cerebral and Behavioral Effects of Agency and Perspective on Episodic Memory Re-activation. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 793115.	1.0	4
11	Predictive Impact of Contextual Objects during Action Observation: Evidence from Functional Magnetic Resonance Imaging. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 326-337.	1.1	10
12	White matter fiber microstructure is associated with prior hospitalizations rather than acute symptomatology in major depressive disorder. <i>Psychological Medicine</i> , 2020, , 1-9.	2.7	4
13	Too Late! Influence of Temporal Delay on the Neural Processing of One's™ Own Incidental and Intentional Action-Induced Sounds. <i>Frontiers in Neuroscience</i> , 2020, 14, 573970.	1.4	3
14	Incidental or Intentional? Different Brain Responses to One's™ Own Action Sounds in Hurdling vs. Tap Dancing. <i>Frontiers in Neuroscience</i> , 2020, 14, 483.	1.4	12
15	Impaired context-sensitive adjustment of behaviour in Parkinson's™ disease patients tested on and off medication: An fMRI study. <i>NeuroImage</i> , 2020, 212, 116674.	2.1	3
16	Exploitation of local and global information in predictive processing. <i>PLoS ONE</i> , 2020, 15, e0231021.	1.1	1
17	Using enriched semantic event chains to model human action prediction based on (minimal) spatial information. <i>PLoS ONE</i> , 2020, 15, e0243829.	1.1	4
18	Title is missing!. , 2020, 15, e0243829.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 15, e0243829.		0
20	Title is missing!. , 2020, 15, e0243829.		0
21	Title is missing!., 2020, 15, e0243829.		0
22	Title is missing!. , 2020, 15, e0243829.		0
23	Reduced fractional anisotropy in depressed patients due to childhood maltreatment rather than diagnosis. <i>Neuropsychopharmacology</i> , 2019, 44, 2065-2072.	2.8	30
24	Being right matters: Model-compliant events in predictive processing. <i>PLoS ONE</i> , 2019, 14, e0218311.	1.1	3
25	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. <i>Frontiers in Psychology</i> , 2019, 10, 1241.	1.1	37
26	Adult patients with ADHD differ from healthy controls in implicit, but not explicit, emotion regulation. <i>Journal of Psychiatry and Neuroscience</i> , 2019, 44, 340-349.	1.4	22
27	Association of grey matter changes with stability and flexibility of prediction in akinetic-rigid Parkinson's disease. <i>Brain Structure and Function</i> , 2018, 223, 2097-2111.	1.2	5
28	The role of the temporoparietal junction (TPJ) in action observation: Agent detection rather than visuospatial transformation. <i>NeuroImage</i> , 2018, 165, 48-55.	2.1	13
29	Making sense of objects lying around: How contextual objects shape brain activity during action observation. <i>NeuroImage</i> , 2018, 167, 429-437.	2.1	16
30	Graph measures in task-based fMRI: Functional integration during read-out of visual and auditory information. <i>PLoS ONE</i> , 2018, 13, e0207119.	1.1	7
31	Motor cognition in patients treated with subthalamic nucleus deep brain stimulation: Limits of compensatory overactivity in Parkinson's disease. <i>Neuropsychologia</i> , 2018, 117, 491-499.	0.7	3
32	What's she doing in the kitchen? Context helps when actions are hard to recognize. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 503-509.	1.4	29
33	Strategic adaptation to non-reward prediction error qualities and irreducible uncertainty in fMRI. <i>Cortex</i> , 2017, 97, 32-48.	1.1	11
34	Frontostriatal Contribution to the Interplay of Flexibility and Stability in Serial Prediction. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 298-309.	1.1	14
35	Action at its place: Contextual settings enhance action recognition in 4- to 8-year-old children.. <i>Developmental Psychology</i> , 2017, 53, 662-670.	1.2	12
36	Prefrontal Cortex Activation Reflects Efficient Exploitation of Higher-order Statistical Structure. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1909-1922.	1.1	3

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37	Neural Systems Underlying the Prediction of Complex Events. <i>Cognitive Systems Monographs</i> , 2016, , 81-92.	0.1	3
38	Intact action segmentation in Parkinson's disease: Hypothesis testing using a novel computational approach. <i>Neuropsychologia</i> , 2015, 78, 29-40.	0.7	7
39	Motor loop dysfunction causes impaired cognitive sequencing in patients suffering from Parkinson's disease. <i>Neuropsychologia</i> , 2015, 77, 409-420.	0.7	14
40	Objects Mediate Goal Integration in Ventrolateral Prefrontal Cortex during Action Observation. <i>PLoS ONE</i> , 2015, 10, e0134316.	1.1	9
41	Recognizing the authenticity of emotional expressions: FO contour matters when you need to know. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 144.	1.0	10
42	Dissociating dynamic probability and predictability in observed actions—An fMRI study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 273.	1.0	14
43	Predicting goals in action episodes attenuates BOLD response in inferior frontal and occipitotemporal cortex. <i>Behavioural Brain Research</i> , 2014, 274, 108-117.	1.2	18
44	Objects tell us what action we can expect: dissociating brain areas for retrieval and exploitation of action knowledge during action observation in fMRI. <i>Frontiers in Psychology</i> , 2014, 5, 636.	1.1	43
45	The Perception of Natural and Modulated Movement Sounds. <i>Perception</i> , 2014, 43, 796-804.	0.5	43
46	Action observers implicitly expect actors to act goal—coherently, even if they do not: An fMRI study. <i>Human Brain Mapping</i> , 2014, 35, 2178-2190.	1.9	21
47	Surprisingly correct: Unexpectedness of observed actions activates the medial prefrontal cortex. <i>Human Brain Mapping</i> , 2014, 35, 1615-1629.	1.9	16
48	Sensory-guided motor tasks benefit from mental training based on serial prediction. <i>Neuropsychologia</i> , 2014, 54, 18-27.	0.7	6
49	Neural changes when actions change: Adaptation of strong and weak expectations. <i>Human Brain Mapping</i> , 2013, 34, 1713-1727.	1.9	18
50	Explicit authenticity and stimulus features interact to modulate BOLD response induced by emotional speech. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 318-329.	1.0	11
51	Joint principles of motor and cognitive dysfunction in Parkinson—'s disease. <i>Neuropsychologia</i> , 2013, 51, 1417-1425.	0.7	10
52	The Context—Object—Manipulation Triad: Cross Talk during Action Perception Revealed by fMRI. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1548-1559.	1.1	27
53	Squeezing lemons in the bathroom: Contextual information modulates action recognition. <i>NeuroImage</i> , 2012, 59, 1551-1559.	2.1	57
54	The fraction of an action is more than a movement: Neural signatures of event segmentation in fMRI. <i>NeuroImage</i> , 2012, 61, 1195-1205.	2.1	26

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55	Surprised at All the Entropy: Hippocampal, Caudate and Midbrain Contributions to Learning from Prediction Errors. PLoS ONE, 2012, 7, e36445.	1.1	54
56	Repetitive TMS Suggests a Role of the Human Dorsal Premotor Cortex in Action Prediction. Frontiers in Human Neuroscience, 2012, 6, 20.	1.0	85
57	Authenticity affects the recognition of emotions in speech: behavioral and fMRI evidence. Cognitive, Affective and Behavioral Neuroscience, 2012, 12, 140-150.	1.0	34
58	Temporally remote destabilization of prediction after rare breaches of expectancy. Human Brain Mapping, 2012, 33, 1812-1820.	1.9	6
59	Caudate Nucleus Signals for Breaches of Expectation in a Movement Observation Paradigm. Frontiers in Human Neuroscience, 2011, 5, 38.	1.0	58
60	Impairment of Auditory-Motor Timing and Compensatory Reorganization after Ventral Premotor Cortex Stimulation. PLoS ONE, 2011, 6, e21421.	1.1	25
61	Predicting and memorizing observed action: Differential premotor cortex involvement. Human Brain Mapping, 2011, 32, 677-687.	1.9	78
62	Exploring the detection of associatively novel events using fMRI. Human Brain Mapping, 2011, 32, 370-381.	1.9	15
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	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
65	Long-Term Planning and Prediction: Visiting a Construction Site in the Human Brain. , 2011, , 79-104.		0
66	Why You Think Milan Is Larger than Modena: Neural Correlates of the Recognition Heuristic. , 2011, , 524-539.		0
67	Tuning to the beat: Aesthetic appreciation of musical rhythms correlates with a premotor activity boost. Human Brain Mapping, 2010, 31, 48-64.	1.9	85
68	Prediction, cognition and the brain. Frontiers in Human Neuroscience, 2010, 4, 25.	1.0	360
69	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
70	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
71	Differential role of anterior prefrontal and premotor cortex in the processing of relational information. NeuroImage, 2010, 49, 2890-2900.	2.1	33
72	Anatomical and functional parcellation of the human lateral premotor cortex. NeuroImage, 2010, 50, 396-408.	2.1	72

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73	Neural bases of rhythm prediction. , 2010, , 345-356.		0
74	The Case of Pretense: Observing Actions and Inferring Goals. Journal of Cognitive Neuroscience, 2009, 21, 642-653.	1.1	34
75	Violation of Expectation: Neural Correlates Reflect Bases of Prediction. Journal of Cognitive Neuroscience, 2009, 21, 155-168.	1.1	57
76	Orienting asymmetries and lateralized processing of sounds in humans. BMC Neuroscience, 2009, 10, 14.	0.8	17
77	Neural circuits of hierarchical visuo-spatial sequence processing. Brain Research, 2009, 1298, 161-170.	1.1	81
78	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
79	Attention and entrainment: P3b varies as a function of temporal predictability. NeuroReport, 2009, 20, 31-36.	0.6	44
80	Mixing costs and switch costs when switching stimulus dimensions in serial predictions. Psychological Research, 2008, 72, 405-414.	1.0	48
81	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
82	Thinking about the future versus the past in personal and non-personal contexts. Brain Research, 2008, 1233, 106-119.	1.1	126
83	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
84	Hierarchical artificial grammar processing engages Broca's area. NeuroImage, 2008, 42, 525-534.	2.1	221
85	Prediction of external events with our motor system: towards a new framework. Trends in Cognitive Sciences, 2007, 11, 211-218.	4.0	462
86	Understanding non-biological dynamics with your own premotor system. NeuroImage, 2007, 36, T33-T43.	2.1	45
87	An event-related potential study on the observation of erroneous everyday actions. Cognitive, Affective and Behavioral Neuroscience, 2007, 7, 278-285.	1.0	49
88	Intentional control of attention: action planning primes action-related stimulus dimensions. Psychological Research, 2007, 71, 22-29.	1.0	164
89	Integrative Models of Broca's Area and the Ventral Premotor Cortex. Cortex, 2006, 42, 461-463.	1.1	49
90	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

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91	Brain correlates of aesthetic judgment of beauty. <i>NeuroImage</i> , 2006, 29, 276-285.	2.1	449
92	Decision-making and the frontal lobes. <i>Current Opinion in Neurology</i> , 2006, 19, 401-406.	1.8	70
93	Why You Think Milan is Larger than Modena: Neural Correlates of the Recognition Heuristic. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1924-1936.	1.1	72
94	The brain differentiates human and non-human grammars: Functional localization and structural connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2458-2463.	3.3	572
95	Motion Class Dependency in Observers' Motor Areas Revealed by Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2005, 25, 1335-1342.	1.7	85
96	Frontomedian activation depends on both feedback validity and valence: fMRI evidence for contextual feedback evaluation. <i>NeuroImage</i> , 2005, 27, 564-571.	2.1	7
97	Variants of uncertainty in decision-making and their neural correlates. <i>Brain Research Bulletin</i> , 2005, 67, 403-412.	1.4	166
98	Brains have emulators with brains: Emulation economized. <i>Behavioral and Brain Sciences</i> , 2004, 27, 414-415.	0.4	3
99	Sequences of Abstract Nonbiological Stimuli Share Ventral Premotor Cortex with Action Observation and Imagery. <i>Journal of Neuroscience</i> , 2004, 24, 5467-5474.	1.7	176
100	"What" Becoming "Where": Functional Magnetic Resonance Imaging Evidence for Pragmatic Relevance Driving Premotor Cortex. <i>Journal of Neuroscience</i> , 2004, 24, 10431-10439.	1.7	20
101	Why am I unsure? Internal and external attributions of uncertainty dissociated by fMRI. <i>NeuroImage</i> , 2004, 21, 848-857.	2.1	118
102	Motor Areas Beyond Motor Performance: Deficits in Serial Prediction Following Ventrolateral Premotor Lesions.. <i>Neuropsychology</i> , 2004, 18, 638-645.	1.0	27
103	Premotor cortex in observing erroneous action: an fMRI study. <i>Cognitive Brain Research</i> , 2003, 15, 296-307.	3.3	139
104	Predicting events of varying probability: uncertainty investigated by fMRI. <i>NeuroImage</i> , 2003, 19, 271-280.	2.1	187
105	Auditory what, where, and when: a sensory somatotopy in lateral premotor cortex. <i>NeuroImage</i> , 2003, 20, 173-185.	2.1	126
106	Functionalâ€œanatomical concepts of human premotor cortex: evidence from fMRI and PET studies. <i>NeuroImage</i> , 2003, 20, S120-S131.	2.1	270
107	Predicting Perceptual Events Activates Corresponding Motor Schemes in Lateral Premotor Cortex: An fMRI Study. <i>NeuroImage</i> , 2002, 15, 787-796.	2.1	181
108	A Blueprint for Target Motion: fMRI Reveals Perceived Sequential Complexity to Modulate Premotor Cortex. <i>NeuroImage</i> , 2002, 16, 920-935.	2.1	84

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109	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
110	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
111	Time Perception and Motor Timing: A Common Cortical and Subcortical Basis Revealed by fMRI. NeuroImage, 2000, 11, 1-12.	2.1	390
112	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
113	Electrophysiological correlates of temporal and spatial information processing. NeuroReport, 1997, 8, 1981-1986.	0.6	23
114	How anticipation recruits our motor system: the habitual pragmatic event map revisited. , 1993, , 141-161.		1
115	9. Memory for Time: Separating Temporal from Spatial Information Processing. , 0, , .		0