Freek van Ede

List of Publications by Year in Descending Order

68 papers	2,015 citations	21 h-index	44 g-index
76 ext. papers	2,832 ext. citations	6.8 avg, IF	5.77 L-index

#	Paper	IF	Citations
68	Multiple spatial frames for immersive working memory.. *Nature Human Behaviour*, **2022**,	12.8	2
67	Transient beta activity and cortico-muscular connectivity during sustained motor behaviour.. *Progress in Neurobiology*, **2022**, 102281	10.9	1
66	Consequences of predictable temporal structure in multi-task situations.. *Cognition*, **2022**, 225, 105156	3.5	0
65	Output planning at the input stage in visual working memory. *Science Advances*, **2021**, 7,	14.3	8
64	Looking ahead in working memory to guide sequential behaviour. *Current Biology*, **2021**, 31, R779-R780	6.3	3
63	Toward a neurobiology of internal selective attention. *Trends in Neurosciences*, **2021**, 44, 513-515	13.3	3
62	Rhythmic Modulation of Visual Perception by Continuous Rhythmic Auditory Stimulation. *Journal of Neuroscience*, **2021**, 41, 7065-7075	6.6	0
61	Decoding visual colour from scalp electroencephalography measurements. *NeuroImage*, **2021**, 237, 118030	7.9	6
60	About time: modelling dynamic voluntary attention. *Trends in Cognitive Sciences*, **2021**, 25, 821-822	14	1
59	Shielding working-memory representations from temporally predictable external interference. *Cognition*, **2021**, 217, 104915	3.5	2
58	Reduced cortico-muscular beta coupling in Parkinsonâs disease predicts motor impairment. *Brain Communications*, **2021**, 3, fcab179	4.5	2
57	Visual working memory and action: Functional links and bi-directional influences. *Visual Cognition*, **2020**, 28, 401-413	1.8	18
56	Temporal Expectations Prepare Visual Working Memory for Behavior. *Journal of Cognitive Neuroscience*, **2020**, 32, 2320-2332	3.1	5
55	Functional biases in attentional templates from associative memory. *Journal of Vision*, **2020**, 20, 7	0.4	1
54	Dissecting beta-state changes during timed movement preparation in Parkinsonâs disease. *Progress in Neurobiology*, **2020**, 184, 101731	10.9	13
53	Comparing the prioritization of items and feature-dimensions in visual working memory. *Journal of Vision*, **2020**, 20, 25	0.4	10
52	Goal-directed and stimulus-driven selection of internal representations. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 24590-24598	11.5	13

51	Purpose-Dependent Consequences of Temporal Expectations Serving Perception and Action. *Journal of Neuroscience*, **2020**, 40, 7877-7886	6.6	7
50	Under the Mindâs Hood: What We Have Learned by Watching the Brain at Work. *Journal of Neuroscience*, **2020**, 40, 89-100	6.6	5
49	One Thing Leads to Another: Anticipating Visual Object Identity Based on Associative-Memory Templates. *Journal of Neuroscience*, **2020**, 40, 4010-4020	6.6	7
48	Theta oscillations in 4-year-olds are sensitive to task engagement and task demands. *Scientific Reports*, **2019**, 9, 6049	4.9	16
47	Time for What? Breaking Down Temporal Anticipation. *Trends in Neurosciences*, **2019**, 42, 373-374	13.3	11
46	Human gaze tracks attentional focusing in memorized visual space. *Nature Human Behaviour*, **2019**, 3, 462-470	12.8	37
45	The Functional Consequences of Social Attention for Memory-guided Attention Orienting and Anticipatory Neural Dynamics. *Journal of Cognitive Neuroscience*, **2019**, 31, 686-698	3.1	3
44	Concurrent visual and motor selection during visual working memory guided action. *Nature Neuroscience*, **2019**, 22, 477-483	25.5	41
43	Unpacking Transient Event Dynamics in Electrophysiological Power Spectra. *Brain Topography*, **2019**, 32, 1020-1034	4.3	20
42	Decoding the influence of anticipatory states on visual perception in the presence of temporal distractors. *Nature Communications*, **2018**, 9, 1449	17.4	25
41	Impaired corticomuscular and interhemispheric cortical beta oscillation coupling in amyotrophic lateral sclerosis. *Clinical Neurophysiology*, **2018**, 129, 1479-1489	4.3	21
40	Mnemonic and attentional roles for states of attenuated alpha oscillations in perceptual working memory: a review. *European Journal of Neuroscience*, **2018**, 48, 2509-2515	3.5	35
39	Temporal alignment of anticipatory motor cortical beta lateralisation in hidden visual-motor sequences. *European Journal of Neuroscience*, **2018**, 48, 2684-2695	3.5	14
38	Neural Oscillations: Sustained Rhythms or Transient Burst-Events?. *Trends in Neurosciences*, **2018**, 41, 415-417	13.3	74
37	Anticipatory neural dynamics of spatial-temporal orienting of attention in younger and older adults. *NeuroImage*, **2018**, 178, 46-56	7.9	23
36	Is the use of visual predictions dependent on expected target difficulty?. *Journal of Vision*, **2018**, 18, 1145	5.4	
35	Anticipated moments: temporal structure in attention. *Nature Reviews Neuroscience*, **2018**, 19, 34-48	13.5	206
34	Early Behavioural Facilitation by Temporal Expectations in Complex Visual-motor Sequences. *Neuroscience*, **2018**, 389, 74-84	3.9	1

33	Feature-based attentional weighting and spreading in visual working memory. *Scientific Reports*, **2017**, 7, 42384	4.9	28
32	Temporal Expectations Guide Dynamic Prioritization in Visual Working Memory through Attenuated Oscillations. *Journal of Neuroscience*, **2017**, 37, 437-445	6.6	65
31	Driving Human Motor Cortical Oscillations Leads to Behaviorally Relevant Changes in Local GABA Inhibition: A tACS-TMS Study. *Journal of Neuroscience*, **2017**, 37, 4481-4492	6.6	60
30	Supramodal Theta, Gamma, and Sustained Fields Predict Modality-specific Modulations of Alpha and Beta Oscillations during Visual and Tactile Working Memory. *Journal of Cognitive Neuroscience*, **2017**, 29, 1455-1472	3.1	14
29	Preparatory band oscillations reflect spatial gating independently of predictions regarding target identity. *Journal of Neurophysiology*, **2017**, 117, 1385-1394	3.2	19
28	Temporal Expectations Guide Dynamic Prioritization in Visual Working Memory through Attenuated Oscillations. *Journal of Neuroscience*, **2017**, 37, 437-445	6.6	4
27	Distinct and band rhythms over rat somatosensory cortex with similar properties as in humans. *Journal of Neurophysiology*, **2016**, 115, 3030-44	3.2	17
26	Diverse Phase Relations among Neuronal Rhythms and Their Potential Function. *Trends in Neurosciences*, **2016**, 39, 86-99	13.3	81
25	Rhythmic Components in Extracranial Brain Signals Reveal Multifaceted Task Modulation of Overlapping Neuronal Activity. *PLoS ONE*, **2016**, 11, e0154881	3.7	15
24	Early behavioural facilitation by temporal expectations in complex visual-motor sequences. *Journal of Physiology (Paris)*, **2016**, 110, 487-496		2
23	Physiological Plausibility Can Increase Reproducibility in Cognitive Neuroscience. *Trends in Cognitive Sciences*, **2016**, 20, 567-569	14	19
22	Identifying neuronal oscillations using rhythmicity. *NeuroImage*, **2015**, 118, 256-67	7.9	32
21	Temporal expectation and attention jointly modulate auditory oscillatory activity in the beta band. *PLoS ONE*, **2015**, 10, e0120288	3.7	53
20	Both ongoing alpha and visually induced gamma oscillations show reliable diversity in their across-site phase-relations. *Journal of Neurophysiology*, **2015**, 113, 1556-63	3.2	21
19	Touch automatically upregulates motor readiness in humans. *Journal of Neurophysiology*, **2015**, 114, 3121-30	3.2	6
18	Movement preparation improves touch perception without awareness. *Cognition*, **2015**, 137, 189-195	3.5	7
17	Anticipation increases tactile stimulus processing in the ipsilateral primary somatosensory cortex. *Cerebral Cortex*, **2014**, 24, 2562-71	5.1	20
16	Attentional modulations of somatosensory alpha, beta and gamma oscillations dissociate between anticipation and stimulus processing. *NeuroImage*, **2014**, 97, 134-41	7.9	67

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15	Somatosensory demands modulate muscular Beta oscillations, independent of motor demands. *Journal of Neuroscience*, **2013**, 33, 10849-57	6.6	34
14	Beyond establishing involvement: quantifying the contribution of anticipatory □and □band suppression to perceptual improvement with attention. *Journal of Neurophysiology*, **2012**, 108, 2352-62	3.2	42
13	Attentional cues affect accuracy and reaction time via different cognitive and neural processes. *Journal of Neuroscience*, **2012**, 32, 10408-12	6.6	69
12	Orienting attention to an upcoming tactile event involves a spatially and temporally specific modulation of sensorimotor alpha- and beta-band oscillations. *Journal of Neuroscience*, **2011**, 31, 2016-24	6.6	245
11	Joint action modulates motor system involvement during action observation in 3-year-olds. *Experimental Brain Research*, **2011**, 211, 581-92	2.3	50
10	Prior expectation mediates neural adaptation to repeated sounds in the auditory cortex: an MEG study. *Journal of Neuroscience*, **2011**, 31, 9118-23	6.6	294
9	Tactile expectation modulates pre-stimulus beta-band oscillations in human sensorimotor cortex. *NeuroImage*, **2010**, 51, 867-76	7.9	104
8	Decoding visual colour from scalp electroencephalography measurements		1
7	Functional but not obligatory link between microsaccades and neural modulation by covert spatial attention		1
6	Decoding the Influence of Anticipatory States on Visual Perception in the Presence of Temporal Distractors. *SSRN Electronic Journal*,	1	1
5	Output Planning at the Input Stage: Action Imprinting for Future Memory-Guided Behaviour. *SSRN Electronic Journal*,	1	3
4	Decoding the Influence of Anticipatory States on Visual Perception in the Presence of Temporal Distractors		2
3	Comparing the prioritisation of items and feature-dimensions in visual working memory		1
2	Transient beta activity and connectivity during sustained motor behaviour		3
1	Planning the Potential Future during Multi-item Visual Working Memory. *Journal of Cognitive Neuroscience*,1-13	3.1	0