

Freek van Ede

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Prior expectation mediates neural adaptation to repeated sounds in the auditory cortex: an MEG study. <i>Journal of Neuroscience</i> , 2011 , 31, 9118-23	6.6	294
67	Orienting attention to an upcoming tactile event involves a spatially and temporally specific modulation of sensorimotor alpha- and beta-band oscillations. <i>Journal of Neuroscience</i> , 2011 , 31, 2016-24	6.6	245
66	Anticipated moments: temporal structure in attention. <i>Nature Reviews Neuroscience</i> , 2018 , 19, 34-48	13.5	206
65	Tactile expectation modulates pre-stimulus beta-band oscillations in human sensorimotor cortex. <i>NeuroImage</i> , 2010 , 51, 867-76	7.9	104
64	Diverse Phase Relations among Neuronal Rhythms and Their Potential Function. <i>Trends in Neurosciences</i> , 2016 , 39, 86-99	13.3	81
63	Neural Oscillations: Sustained Rhythms or Transient Burst-Events?. <i>Trends in Neurosciences</i> , 2018 , 41, 415-417	13.3	74
62	Attentional cues affect accuracy and reaction time via different cognitive and neural processes. <i>Journal of Neuroscience</i> , 2012 , 32, 10408-12	6.6	69
61	Attentional modulations of somatosensory alpha, beta and gamma oscillations dissociate between anticipation and stimulus processing. <i>NeuroImage</i> , 2014 , 97, 134-41	7.9	67
60	Temporal Expectations Guide Dynamic Prioritization in Visual Working Memory through Attenuated β Oscillations. <i>Journal of Neuroscience</i> , 2017 , 37, 437-445	6.6	65
59	Driving Human Motor Cortical Oscillations Leads to Behaviorally Relevant Changes in Local GABA Inhibition: A tACS-TMS Study. <i>Journal of Neuroscience</i> , 2017 , 37, 4481-4492	6.6	60
58	Temporal expectation and attention jointly modulate auditory oscillatory activity in the beta band. <i>PLoS ONE</i> , 2015 , 10, e0120288	3.7	53
57	Joint action modulates motor system involvement during action observation in 3-year-olds. <i>Experimental Brain Research</i> , 2011 , 211, 581-92	2.3	50
56	Beyond establishing involvement: quantifying the contribution of anticipatory β and β band suppression to perceptual improvement with attention. <i>Journal of Neurophysiology</i> , 2012 , 108, 2352-62	3.2	42
55	Concurrent visual and motor selection during visual working memory guided action. <i>Nature Neuroscience</i> , 2019 , 22, 477-483	25.5	41
54	Human gaze tracks attentional focusing in memorized visual space. <i>Nature Human Behaviour</i> , 2019 , 3, 462-470	12.8	37
53	Mnemonic and attentional roles for states of attenuated alpha oscillations in perceptual working memory: a review. <i>European Journal of Neuroscience</i> , 2018 , 48, 2509-2515	3.5	35
52	Somatosensory demands modulate muscular Beta oscillations, independent of motor demands. <i>Journal of Neuroscience</i> , 2013 , 33, 10849-57	6.6	34

51	Identifying neuronal oscillations using rhythmicity. <i>NeuroImage</i> , 2015 , 118, 256-67	7.9	32
50	Feature-based attentional weighting and spreading in visual working memory. <i>Scientific Reports</i> , 2017 , 7, 42384	4.9	28
49	Decoding the influence of anticipatory states on visual perception in the presence of temporal distractors. <i>Nature Communications</i> , 2018 , 9, 1449	17.4	25
48	Anticipatory neural dynamics of spatial-temporal orienting of attention in younger and older adults. <i>NeuroImage</i> , 2018 , 178, 46-56	7.9	23
47	Impaired corticomuscular and interhemispheric cortical beta oscillation coupling in amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2018 , 129, 1479-1489	4.3	21
46	Both ongoing alpha and visually induced gamma oscillations show reliable diversity in their across-site phase-relations. <i>Journal of Neurophysiology</i> , 2015 , 113, 1556-63	3.2	21
45	Anticipation increases tactile stimulus processing in the ipsilateral primary somatosensory cortex. <i>Cerebral Cortex</i> , 2014 , 24, 2562-71	5.1	20
44	Unpacking Transient Event Dynamics in Electrophysiological Power Spectra. <i>Brain Topography</i> , 2019 , 32, 1020-1034	4.3	20
43	Preparatory β band oscillations reflect spatial gating independently of predictions regarding target identity. <i>Journal of Neurophysiology</i> , 2017 , 117, 1385-1394	3.2	19
42	Physiological Plausibility Can Increase Reproducibility in Cognitive Neuroscience. <i>Trends in Cognitive Sciences</i> , 2016 , 20, 567-569	14	19
41	Visual working memory and action: Functional links and bi-directional influences. <i>Visual Cognition</i> , 2020 , 28, 401-413	1.8	18
40	Distinct β band β band rhythms over rat somatosensory cortex with similar properties as in humans. <i>Journal of Neurophysiology</i> , 2016 , 115, 3030-44	3.2	17
39	Theta oscillations in 4-year-olds are sensitive to task engagement and task demands. <i>Scientific Reports</i> , 2019 , 9, 6049	4.9	16
38	Rhythmic Components in Extracranial Brain Signals Reveal Multifaceted Task Modulation of Overlapping Neuronal Activity. <i>PLoS ONE</i> , 2016 , 11, e0154881	3.7	15
37	Supramodal Theta, Gamma, and Sustained Fields Predict Modality-specific Modulations of Alpha and Beta Oscillations during Visual and Tactile Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2017 , 29, 1455-1472	3.1	14
36	Temporal alignment of anticipatory motor cortical beta lateralisation in hidden visual-motor sequences. <i>European Journal of Neuroscience</i> , 2018 , 48, 2684-2695	3.5	14
35	Dissecting beta-state changes during timed movement preparation in Parkinson's disease. <i>Progress in Neurobiology</i> , 2020 , 184, 101731	10.9	13
34	Goal-directed and stimulus-driven selection of internal representations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 24590-24598	11.5	13

33	Time for What? Breaking Down Temporal Anticipation. <i>Trends in Neurosciences</i> , 2019 , 42, 373-374	13.3	11
32	Comparing the prioritization of items and feature-dimensions in visual working memory. <i>Journal of Vision</i> , 2020 , 20, 25	0.4	10
31	Output planning at the input stage in visual working memory. <i>Science Advances</i> , 2021 , 7,	14.3	8
30	Movement preparation improves touch perception without awareness. <i>Cognition</i> , 2015 , 137, 189-195	3.5	7
29	Purpose-Dependent Consequences of Temporal Expectations Serving Perception and Action. <i>Journal of Neuroscience</i> , 2020 , 40, 7877-7886	6.6	7
28	One Thing Leads to Another: Anticipating Visual Object Identity Based on Associative-Memory Templates. <i>Journal of Neuroscience</i> , 2020 , 40, 4010-4020	6.6	7
27	Touch automatically upregulates motor readiness in humans. <i>Journal of Neurophysiology</i> , 2015 , 114, 3121-30	3.2	6
26	Decoding visual colour from scalp electroencephalography measurements. <i>NeuroImage</i> , 2021 , 237, 118030	3.0	6
25	Temporal Expectations Prepare Visual Working Memory for Behavior. <i>Journal of Cognitive Neuroscience</i> , 2020 , 32, 2320-2332	3.1	5
24	Under the Mind's Hood: What We Have Learned by Watching the Brain at Work. <i>Journal of Neuroscience</i> , 2020 , 40, 89-100	6.6	5
23	Temporal Expectations Guide Dynamic Prioritization in Visual Working Memory through Attenuated Oscillations. <i>Journal of Neuroscience</i> , 2017 , 37, 437-445	6.6	4
22	The Functional Consequences of Social Attention for Memory-guided Attention Orienting and Anticipatory Neural Dynamics. <i>Journal of Cognitive Neuroscience</i> , 2019 , 31, 686-698	3.1	3
21	Output Planning at the Input Stage: Action Imprinting for Future Memory-Guided Behaviour. <i>SSRN Electronic Journal</i> ,	1	3
20	Transient beta activity and connectivity during sustained motor behaviour		3
19	Looking ahead in working memory to guide sequential behaviour. <i>Current Biology</i> , 2021 , 31, R779-R780	6.3	3
18	Toward a neurobiology of internal selective attention. <i>Trends in Neurosciences</i> , 2021 , 44, 513-515	13.3	3
17	Multiple spatial frames for immersive working memory.. <i>Nature Human Behaviour</i> , 2022 ,	12.8	2
16	Decoding the Influence of Anticipatory States on Visual Perception in the Presence of Temporal Distractors		2

15	Early behavioural facilitation by temporal expectations in complex visual-motor sequences. <i>Journal of Physiology (Paris)</i> , 2016 , 110, 487-496		2
14	Shielding working-memory representations from temporally predictable external interference. <i>Cognition</i> , 2021 , 217, 104915	3.5	2
13	Reduced cortico-muscular beta coupling in Parkinson's disease predicts motor impairment. <i>Brain Communications</i> , 2021 , 3, fcab179	4.5	2
12	Decoding visual colour from scalp electroencephalography measurements		1
11	Functional but not obligatory link between microsaccades and neural modulation by covert spatial attention		1
10	Decoding the Influence of Anticipatory States on Visual Perception in the Presence of Temporal Distractors. <i>SSRN Electronic Journal</i> ,	1	1
9	Functional biases in attentional templates from associative memory. <i>Journal of Vision</i> , 2020 , 20, 7	0.4	1
8	Comparing the prioritisation of items and feature-dimensions in visual working memory		1
7	Early Behavioural Facilitation by Temporal Expectations in Complex Visual-motor Sequences. <i>Neuroscience</i> , 2018 , 389, 74-84	3.9	1
6	About time: modelling dynamic voluntary attention. <i>Trends in Cognitive Sciences</i> , 2021 , 25, 821-822	14	1
5	Transient beta activity and cortico-muscular connectivity during sustained motor behaviour.. <i>Progress in Neurobiology</i> , 2022 , 102281	10.9	1
4	Rhythmic Modulation of Visual Perception by Continuous Rhythmic Auditory Stimulation. <i>Journal of Neuroscience</i> , 2021 , 41, 7065-7075	6.6	0
3	Consequences of predictable temporal structure in multi-task situations.. <i>Cognition</i> , 2022 , 225, 105156	3.5	0
2	Planning the Potential Future during Multi-item Visual Working Memory. <i>Journal of Cognitive Neuroscience</i> , 1-13	3.1	0
1	Is the use of visual predictions dependent on expected target difficulty?. <i>Journal of Vision</i> , 2018 , 18, 1145.4		