

Anna Christina Nobre

List of Publications by Year in Descending Order

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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.

255
papers

17,569
citations

69
h-index

128
g-index

278
ext. papers

20,597
ext. citations

5.7
avg, IF

7.14
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 255 | Multiple spatial frames for immersive working memory.. <i>Nature Human Behaviour</i> , 2022 , | 12.8 | 2 |
| 254 | The future of human behaviour research.. <i>Nature Human Behaviour</i> , 2022 , 6, 15-24 | 12.8 | 3 |
| 253 | Eyes wide open: Regulation of arousal by temporal expectations.. <i>Cognition</i> , 2022 , 224, 105062 | 3.5 | 2 |
| 252 | Transient beta activity and cortico-muscular connectivity during sustained motor behaviour.. <i>Progress in Neurobiology</i> , 2022 , 102281 | 10.9 | 1 |
| 251 | Consequences of predictable temporal structure in multi-task situations.. <i>Cognition</i> , 2022 , 225, 105156 | 3.5 | 0 |
| 250 | Right place, right time: Spatiotemporal predictions guide attention in dynamic visual search. <i>Journal of Experimental Psychology: General</i> , 2021 , | 4.7 | 2 |
| 249 | EMD: Empirical Mode Decomposition and Hilbert-Huang Spectral Analyses in Python. <i>Journal of Open Source Software</i> , 2021 , 6, | 5.2 | 24 |
| 248 | Output planning at the input stage in visual working memory. <i>Science Advances</i> , 2021 , 7, | 14.3 | 8 |
| 247 | Looking ahead in working memory to guide sequential behaviour. <i>Current Biology</i> , 2021 , 31, R779-R780 | 6.3 | 3 |
| 246 | Toward a neurobiology of internal selective attention. <i>Trends in Neurosciences</i> , 2021 , 44, 513-515 | 13.3 | 3 |
| 245 | Superior short-term memory in APOE ϵ carriers across the age range. <i>Behavioural Brain Research</i> , 2021 , 397, 112918 | 3.4 | 0 |
| 244 | Temporal orienting in Parkinson's disease. <i>European Journal of Neuroscience</i> , 2021 , 53, 2713-2725 | 3.5 | 3 |
| 243 | When Natural Behavior Engages Working Memory. <i>Current Biology</i> , 2021 , 31, 869-874.e5 | 6.3 | 13 |
| 242 | Rhythmic Modulation of Visual Perception by Continuous Rhythmic Auditory Stimulation. <i>Journal of Neuroscience</i> , 2021 , 41, 7065-7075 | 6.6 | 0 |
| 241 | Gender bias in academia: A lifetime problem that needs solutions. <i>Neuron</i> , 2021 , 109, 2047-2074 | 13.9 | 11 |
| 240 | Revealing the Dynamic Nature of Amplitude Modulated Neural Entrainment With Holo-Hilbert Spectral Analysis. <i>Frontiers in Neuroscience</i> , 2021 , 15, 673369 | 5.1 | 2 |
| 239 | Decoding visual colour from scalp electroencephalography measurements. <i>NeuroImage</i> , 2021 , 237, 118030 | 7.0 | 6 |

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|-----|---|------|----|
| 238 | 20 years of temporal orienting: an introduction. <i>Journal of Vision</i> , 2021 , 21, 41 | 0.4 | |
| 237 | Spatial-temporal predictions in a dynamic visual search. <i>Journal of Vision</i> , 2021 , 21, 39 | 0.4 | 0 |
| 236 | Within-cycle instantaneous frequency profiles report oscillatory waveform dynamics. <i>Journal of Neurophysiology</i> , 2021 , 126, 1190-1208 | 3.2 | 7 |
| 235 | Shielding working-memory representations from temporally predictable external interference. <i>Cognition</i> , 2021 , 217, 104915 | 3.5 | 2 |
| 234 | Reduced cortico-muscular beta coupling in Parkinson's disease predicts motor impairment. <i>Brain Communications</i> , 2021 , 3, fcab179 | 4.5 | 2 |
| 233 | The Oxford Brain Health Centre: Embedding dementia research in clinical practice. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044907 | 1.2 | |
| 232 | Short-term memory advantage for brief durations in human APOE ϵ carriers. <i>Scientific Reports</i> , 2020 , 10, 9503 | 4.9 | 8 |
| 231 | Synchronisation of Neural Oscillations and Cross-modal Influences. <i>Trends in Cognitive Sciences</i> , 2020 , 24, 481-495 | 14 | 21 |
| 230 | Temporal Expectations Prepare Visual Working Memory for Behavior. <i>Journal of Cognitive Neuroscience</i> , 2020 , 32, 2320-2332 | 3.1 | 5 |
| 229 | Multiple reference frames for oculomotor contributions to visual working memory in an immersive and unconstrained virtual reality environment. <i>Journal of Vision</i> , 2020 , 20, 526 | 0.4 | |
| 228 | Temporal regularities guide spatial attention in young children. <i>Journal of Vision</i> , 2020 , 20, 1050 | 0.4 | 0 |
| 227 | The association between visual working and long-term memory in apolipoprotein E (APOE) ϵ 4 carriers and non-carriers. <i>Journal of Vision</i> , 2020 , 20, 1121 | 0.4 | |
| 226 | Orienting attention in short-term and long-term memory across ageing. <i>Journal of Vision</i> , 2020 , 20, 1137 | 0.4 | 1 |
| 225 | Prospective action imprinting into visual working memory. <i>Journal of Vision</i> , 2020 , 20, 1017 | 0.4 | |
| 224 | Proactive memory-guided attentional templates are flexibly weighted across feature dimensions. <i>Journal of Vision</i> , 2020 , 20, 796 | 0.4 | |
| 223 | The cost of utilizing working memory under natural constraints. <i>Journal of Vision</i> , 2020 , 20, 1034 | 0.4 | |
| 222 | Functional biases in attentional templates from associative memory. <i>Journal of Vision</i> , 2020 , 20, 7 | 0.4 | 1 |
| 221 | Dissecting beta-state changes during timed movement preparation in Parkinson's disease. <i>Progress in Neurobiology</i> , 2020 , 184, 101731 | 10.9 | 13 |

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|-----|--|------|----|
| 220 | Comparing the prioritization of items and feature-dimensions in visual working memory. <i>Journal of Vision</i> , 2020 , 20, 25 | 0.4 | 10 |
| 219 | 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 |
| 218 | Purpose-Dependent Consequences of Temporal Expectations Serving Perception and Action. <i>Journal of Neuroscience</i> , 2020 , 40, 7877-7886 | 6.6 | 7 |
| 217 | 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 |
| 216 | 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 |
| 215 | The tempos of performance. <i>Current Opinion in Psychology</i> , 2019 , 29, 254-260 | 6.2 | 8 |
| 214 | Time for What? Breaking Down Temporal Anticipation. <i>Trends in Neurosciences</i> , 2019 , 42, 373-374 | 13.3 | 11 |
| 213 | Whole-brain white matter organization, intelligence, and educational attainment. <i>Trends in Neuroscience and Education</i> , 2019 , 15, 38-47 | 3.7 | 17 |
| 212 | Human gaze tracks attentional focusing in memorized visual space. <i>Nature Human Behaviour</i> , 2019 , 3, 462-470 | 12.8 | 37 |
| 211 | Neural markers of category-based selective working memory in aging. <i>NeuroImage</i> , 2019 , 194, 163-173 | 7.9 | 2 |
| 210 | 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 |
| 209 | The Oxford study of Calcium channel Antagonism, Cognition, Mood instability and Sleep (OxCaMS): study protocol for a randomised controlled, experimental medicine study. <i>Trials</i> , 2019 , 20, 120 | 2.8 | 13 |
| 208 | Punishment-related memory-guided attention: Neural dynamics of perceptual modulation. <i>Cortex</i> , 2019 , 115, 231-245 | 3.8 | 4 |
| 207 | Encoding-related brain activity and accelerated forgetting in transient epileptic amnesia. <i>Cortex</i> , 2019 , 110, 127-140 | 3.8 | 7 |
| 206 | Dynamic sustained attention markers differentiate atypical development: The case of Williams syndrome and Down's syndrome. <i>Neuropsychologia</i> , 2019 , 132, 107148 | 3.2 | 4 |
| 205 | Biomagnetic biomarkers for dementia: A pilot multicentre study with a recommended methodological framework for magnetoencephalography. <i>Alzheimeris and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 450-462 | 5.2 | 14 |
| 204 | Dissociable Catecholaminergic Modulation of Visual Attention: Differential Effects of Catechol-O-Methyltransferase and Dopamine Beta-Hydroxylase Genes on Visual Attention. <i>Neuroscience</i> , 2019 , 412, 175-189 | 3.9 | 9 |
| 203 | Modulation of the pupillary response by the content of visual working memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 22802-22810 | 11.5 | 16 |

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|-----|---|------|----|
| 202 | Preremembering Experience: A Hierarchy of Time-Scales for Proactive Attention. <i>Neuron</i> , 2019 , 104, 132-146 | 16.9 | 36 |
| 201 | Rhythmic Temporal Expectation Boosts Neural Activity by Increasing Neural Gain. <i>Journal of Neuroscience</i> , 2019 , 39, 9806-9817 | 6.6 | 14 |
| 200 | Human gaze tracks the focusing of attention within the internal space of visual working memory. <i>Journal of Vision</i> , 2019 , 19, 133b | 0.4 | |
| 199 | Item-based and feature-based selection in working memory. <i>Journal of Vision</i> , 2019 , 19, 270d | 0.4 | |
| 198 | Neural indices of proactive target templates. <i>Journal of Vision</i> , 2019 , 19, 247c | 0.4 | |
| 197 | The association between visual working and long-term memory across normal ageing. <i>Journal of Vision</i> , 2019 , 19, 73c | 0.4 | |
| 196 | Changing interpretations of emotional expressions in working memory with aging. <i>Emotion</i> , 2019 , 19, 1060-1069 | 4.1 | 1 |
| 195 | Emotional distraction in the context of memory-based orienting of attention. <i>Emotion</i> , 2019 , 19, 1366-1376 | 1.7 | 2 |
| 194 | Concurrent visual and motor selection during visual working memory guided action. <i>Nature Neuroscience</i> , 2019 , 22, 477-483 | 25.5 | 41 |
| 193 | The functional consequences of social attention on memory precision and on memory-guided orienting in development. <i>Developmental Cognitive Neuroscience</i> , 2019 , 36, 100625 | 5.5 | 5 |
| 192 | Unpacking Transient Event Dynamics in Electrophysiological Power Spectra. <i>Brain Topography</i> , 2019 , 32, 1020-1034 | 4.3 | 20 |
| 191 | Dissociable effects of the apolipoprotein-E (APOE) gene on short- and long-term memories. <i>Neurobiology of Aging</i> , 2019 , 73, 115-122 | 5.6 | 14 |
| 190 | Temporally Unconstrained Decoding Reveals Consistent but Time-Varying Stages of Stimulus Processing. <i>Cerebral Cortex</i> , 2019 , 29, 863-874 | 5.1 | 25 |
| 189 | Differential Effects of Salient Visual Events on Memory-Guided Attention in Adults and Children. <i>Child Development</i> , 2019 , 90, 1369-1388 | 4.9 | 6 |
| 188 | Building on a Solid Baseline: Anticipatory Biases in Attention. <i>Trends in Neurosciences</i> , 2018 , 41, 120-122 | 13.3 | 1 |
| 187 | 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 |
| 186 | Increased cerebral functional connectivity in ALS: A resting-state magnetoencephalography study. <i>Neurology</i> , 2018 , 90, e1418-e1424 | 6.5 | 15 |
| 185 | APOE genotype and cognition in healthy individuals at risk of Alzheimer's disease: A review. <i>Cortex</i> , 2018 , 104, 103-123 | 3.8 | 70 |

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|-----|--|------|-----|
| 184 | Impaired corticomuscular and interhemispheric cortical beta oscillation coupling in amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2018 , 129, 1479-1489 | 4.3 | 21 |
| 183 | Mood instability and reward processing: daily remote monitoring as a modern phenotyping tool for bipolar disorder. <i>European Neuropsychopharmacology</i> , 2018 , 28, S87 | 1.2 | 1 |
| 182 | Preventing intrusive memories after trauma via a brief intervention involving Tetris computer game play in the emergency department: a proof-of-concept randomized controlled trial. <i>Molecular Psychiatry</i> , 2018 , 23, 674-682 | 15.1 | 104 |
| 181 | Methylphenidate enhances implicit learning in healthy adults. <i>Journal of Psychopharmacology</i> , 2018 , 32, 70-80 | 4.6 | 9 |
| 180 | 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 |
| 179 | Spontaneous cortical activity transiently organises into frequency specific phase-coupling networks. <i>Nature Communications</i> , 2018 , 9, 2987 | 17.4 | 137 |
| 178 | Neural Oscillations: Sustained Rhythms or Transient Burst-Events?. <i>Trends in Neurosciences</i> , 2018 , 41, 415-417 | 13.3 | 74 |
| 177 | Anticipatory neural dynamics of spatial-temporal orienting of attention in younger and older adults. <i>NeuroImage</i> , 2018 , 178, 46-56 | 7.9 | 23 |
| 176 | Task-Evoked Dynamic Network Analysis Through Hidden Markov Modeling. <i>Frontiers in Neuroscience</i> , 2018 , 12, 603 | 5.1 | 64 |
| 175 | Not All Predictions Are Equal: "What" and "When" Predictions Modulate Activity in Auditory Cortex through Different Mechanisms. <i>Journal of Neuroscience</i> , 2018 , 38, 8680-8693 | 6.6 | 40 |
| 174 | Benefits of flexible prioritization in working memory can arise without costs. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018 , 44, 398-411 | 2.6 | 26 |
| 173 | Anticipated moments: temporal structure in attention. <i>Nature Reviews Neuroscience</i> , 2018 , 19, 34-48 | 13.5 | 206 |
| 172 | Early Behavioural Facilitation by Temporal Expectations in Complex Visual-motor Sequences. <i>Neuroscience</i> , 2018 , 389, 74-84 | 3.9 | 1 |
| 171 | Magnetoencephalography as a Tool in Psychiatric Research: Current Status and Perspective. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017 , 2, 235-244 | 3.4 | 20 |
| 170 | Feature-based attentional weighting and spreading in visual working memory. <i>Scientific Reports</i> , 2017 , 7, 42384 | 4.9 | 28 |
| 169 | Prioritizing Information during Working Memory: Beyond Sustained Internal Attention. <i>Trends in Cognitive Sciences</i> , 2017 , 21, 449-461 | 14 | 162 |
| 168 | Cognitive Training in the Elderly: Bottlenecks and New Avenues. <i>Journal of Cognitive Neuroscience</i> , 2017 , 29, 1473-1482 | 3.1 | 14 |
| 167 | Temporal Expectations Guide Dynamic Prioritization in Visual Working Memory through Attenuated Oscillations. <i>Journal of Neuroscience</i> , 2017 , 37, 437-445 | 6.6 | 65 |

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|-----|---|-----|----|
| 166 | The Cumulative Effects of Predictability on Synaptic Gain in the Auditory Processing Stream. <i>Journal of Neuroscience</i> , 2017 , 37, 6751-6760 | 6.6 | 30 |
| 165 | Sex and APOE: A memory advantage in male APOE ϵ carriers in midlife. <i>Cortex</i> , 2017 , 88, 98-105 | 3.8 | 24 |
| 164 | Task relevance modulates the behavioural and neural effects of sensory predictions. <i>PLoS Biology</i> , 2017 , 15, e2003143 | 9.7 | 27 |
| 163 | Competitive interactions affect working memory performance for both simultaneous and sequential stimulus presentation. <i>Scientific Reports</i> , 2017 , 7, 4785 | 4.9 | 9 |
| 162 | Differences between endogenous attention to spatial locations and sensory modalities. <i>Experimental Brain Research</i> , 2017 , 235, 2983-2996 | 2.3 | 4 |
| 161 | Temporal Anticipation Based on Memory. <i>Journal of Cognitive Neuroscience</i> , 2017 , 29, 2081-2089 | 3.1 | 20 |
| 160 | The functional consequences of social distraction: Attention and memory for complex scenes. <i>Cognition</i> , 2017 , 158, 215-223 | 3.5 | 12 |
| 159 | Altered cortical beta-band oscillations reflect motor system degeneration in amyotrophic lateral sclerosis. <i>Human Brain Mapping</i> , 2017 , 38, 237-254 | 5.9 | 40 |
| 158 | Increased rostral anterior cingulate activity following positive mental imagery training in healthy older adults. <i>Social Cognitive and Affective Neuroscience</i> , 2017 , 12, 1950-1958 | 4 | 12 |
| 157 | [P4033]: DEEP AND FREQUENT PHENOTYPING: A FEASIBILITY STUDY FOR EXPERIMENTAL MEDICINE IN DEMENTIA 2017 , 13, P1268-P1269 | | 2 |
| 156 | Temporal Expectations Guide Dynamic Prioritization in Visual Working Memory through Attenuated β Oscillations. <i>Journal of Neuroscience</i> , 2017 , 37, 437-445 | 6.6 | 4 |
| 155 | Training Working Memory in Childhood Enhances Coupling between Frontoparietal Control Network and Task-Related Regions. <i>Journal of Neuroscience</i> , 2016 , 36, 9001-11 | 6.6 | 30 |
| 154 | Slow wave sleep and accelerated forgetting. <i>Cortex</i> , 2016 , 84, 80-89 | 3.8 | 13 |
| 153 | Preserved memory-based orienting of attention with impaired explicit memory in healthy ageing. <i>Cortex</i> , 2016 , 74, 67-78 | 3.8 | 13 |
| 152 | Oxford Lithium Trial (OxLith) of the early affective, cognitive, neural and biochemical effects of lithium carbonate in bipolar disorder: study protocol for a randomised controlled trial. <i>Trials</i> , 2016 , 17, 116 | 2.8 | 15 |
| 151 | Behavioral and Neural Markers of Flexible Attention over Working Memory in Aging. <i>Cerebral Cortex</i> , 2016 , 26, 1831-42 | 5.1 | 41 |
| 150 | Top-Down Activation of Spatiotopic Sensory Codes in Perceptual and Working Memory Search. <i>Journal of Cognitive Neuroscience</i> , 2016 , 28, 996-1009 | 3.1 | 10 |
| 149 | Temporal orienting of attention can be preserved in normal aging. <i>Psychology and Aging</i> , 2016 , 31, 442-556 | | 19 |

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|-----|--|-----|----|
| 148 | Tracking the changing feature of a moving object. <i>Journal of Vision</i> , 2016 , 16, 22 | 0.4 | 7 |
| 147 | Retrospective Attention Interacts with Stimulus Strength to Shape Working Memory Performance. <i>PLoS ONE</i> , 2016 , 11, e0164174 | 3.7 | 3 |
| 146 | Apolipoprotein e4 breaks the association between declarative long-term memory and memory-based orienting of spatial attention in middle-aged individuals. <i>Cortex</i> , 2016 , 82, 206-216 | 3.8 | 13 |
| 145 | Early behavioural facilitation by temporal expectations in complex visual-motor sequences. <i>Journal of Physiology (Paris)</i> , 2016 , 110, 487-496 | | 2 |
| 144 | An investigation of mental imagery in bipolar disorder: Exploring "the mind's eye". <i>Bipolar Disorders</i> , 2016 , 18, 669-683 | 3.8 | 29 |
| 143 | Innovative approaches to bipolar disorder and its treatment. <i>Annals of the New York Academy of Sciences</i> , 2016 , 1366, 76-89 | 6.5 | 57 |
| 142 | Imagining a brighter future: the effect of positive imagery training on mood, prospective mental imagery and emotional bias in older adults. <i>Psychiatry Research</i> , 2015 , 230, 36-43 | 9.9 | 37 |
| 141 | Supraliminal but not subliminal distracters bias working memory recall. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015 , 41, 826-39 | 2.6 | 14 |
| 140 | Reward boosts working memory encoding over a brief temporal window. <i>Visual Cognition</i> , 2015 , 23, 291-312 | 3.2 | 17 |
| 139 | Time in Cortical Circuits. <i>Journal of Neuroscience</i> , 2015 , 35, 13912-6 | 6.6 | 50 |
| 138 | Modulation of hippocampal theta and hippocampal-prefrontal cortex function by a schizophrenia risk gene. <i>Human Brain Mapping</i> , 2015 , 36, 2387-95 | 5.9 | 36 |
| 137 | Testing sensory evidence against mnemonic templates. <i>ELife</i> , 2015 , 4, e09000 | 8.9 | 79 |
| 136 | ERP markers of target selection discriminate children with high vs. low working memory capacity. <i>Frontiers in Systems Neuroscience</i> , 2015 , 9, 153 | 3.5 | 12 |
| 135 | Frontoparietal and Cingulo-opercular Networks Play Dissociable Roles in Control of Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2015 , 27, 2019-34 | 3.1 | 92 |
| 134 | The Neural Dynamics of Fronto-Parietal Networks in Childhood Revealed using Magnetoencephalography. <i>Cerebral Cortex</i> , 2015 , 25, 3868-76 | 5.1 | 21 |
| 133 | Temporal dynamics of attention during encoding versus maintenance of working memory: complementary views from event-related potentials and alpha-band oscillations. <i>Journal of Cognitive Neuroscience</i> , 2015 , 27, 492-508 | 3.1 | 69 |
| 132 | Sleep-dependent memory consolidation and accelerated forgetting. <i>Cortex</i> , 2014 , 54, 92-105 | 3.8 | 33 |
| 131 | Attention biases visual activity in visual short-term memory. <i>Journal of Cognitive Neuroscience</i> , 2014 , 26, 1377-89 | 3.1 | 25 |

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|-----|--|------|-----|
| 130 | Magnetoencephalography. <i>Practical Neurology</i> , 2014 , 14, 336-43 | 2.4 | 37 |
| 129 | Perceiving the passage of time: neural possibilities. <i>Annals of the New York Academy of Sciences</i> , 2014 , 1326, 60-71 | 6.5 | 27 |
| 128 | Power corrupts co-operation: cognitive and motivational effects in a double EEG paradigm. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 218-24 | 4 | 5 |
| 127 | Inter- and intra-individual variability in alpha peak frequency. <i>NeuroImage</i> , 2014 , 92, 46-55 | 7.9 | 293 |
| 126 | Oscillatory brain state predicts variability in working memory. <i>Journal of Neuroscience</i> , 2014 , 34, 7735-436.6 | 3.6 | 72 |
| 125 | Preferential encoding of behaviorally relevant predictions revealed by EEG. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 687 | 3.3 | 3 |
| 124 | Resting GABA and glutamate concentrations do not predict visual gamma frequency or amplitude. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 9301-6 | 11.5 | 78 |
| 123 | Can you look me in the face? Short-term SSRI administration reverts avoidant ocular face exploration in subjects at risk for psychopathology. <i>Neuropsychopharmacology</i> , 2014 , 39, 3059-66 | 8.7 | 12 |
| 122 | Distinct neural mechanisms of individual and developmental differences in VSTM capacity. <i>Developmental Psychobiology</i> , 2014 , 56, 601-10 | 3 | 13 |
| 121 | Guiding functional connectivity estimation by structural connectivity in MEG: an application to discrimination of conditions of mild cognitive impairment. <i>NeuroImage</i> , 2014 , 101, 765-77 | 7.9 | 43 |
| 120 | Combining spatial and temporal expectations to improve visual perception. <i>Journal of Vision</i> , 2014 , 14, | 0.4 | 87 |
| 119 | Age group and individual differences in attentional orienting dissociate neural mechanisms of encoding and maintenance in visual STM. <i>Journal of Cognitive Neuroscience</i> , 2014 , 26, 864-77 | 3.1 | 23 |
| 118 | Failure to perceive clinical events: an under-recognised source of error. <i>Resuscitation</i> , 2014 , 85, 952-6 | 4 | 20 |
| 117 | Orienting attention within visual short-term memory: development and mechanisms. <i>Child Development</i> , 2014 , 85, 578-92 | 4.9 | 47 |
| 116 | Time for the Fourth Dimension in Attention 2014 , | | 14 |
| 115 | Temporal expectation enhances contrast sensitivity by phase entrainment of low-frequency oscillations in visual cortex. <i>Journal of Neuroscience</i> , 2013 , 33, 4002-10 | 6.6 | 198 |
| 114 | Reward associations magnify memory-based biases on perception. <i>Journal of Cognitive Neuroscience</i> , 2013 , 25, 245-57 | 3.1 | 19 |
| 113 | Attention restores discrete items to visual short-term memory. <i>Psychological Science</i> , 2013 , 24, 550-6 | 7.9 | 69 |

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|-----|---|------|-----|
| 112 | Frontal and parietal cortical interactions with distributed visual representations during selective attention and action selection. <i>Journal of Neuroscience</i> , 2013 , 33, 16443-58 | 6.6 | 50 |
| 111 | Is attention based on spatial contextual memory preferentially guided by low spatial frequency signals?. <i>PLoS ONE</i> , 2013 , 8, e65601 | 3.7 | 9 |
| 110 | Attentional control constrains visual short-term memory: insights from developmental and individual differences. <i>Quarterly Journal of Experimental Psychology</i> , 2012 , 65, 277-94 | 1.8 | 39 |
| 109 | Top-down modulation: bridging selective attention and working memory. <i>Trends in Cognitive Sciences</i> , 2012 , 16, 129-35 | 14 | 818 |
| 108 | Temporal expectation improves the quality of sensory information. <i>Journal of Neuroscience</i> , 2012 , 32, 8424-8428 | 6.6 | 165 |
| 107 | Inferring task-related networks using independent component analysis in magnetoencephalography. <i>NeuroImage</i> , 2012 , 62, 530-41 | 7.9 | 99 |
| 106 | Attention modulates maintenance of representations in visual short-term memory. <i>Journal of Cognitive Neuroscience</i> , 2012 , 24, 51-60 | 3.1 | 126 |
| 105 | Orienting attention to locations in mental representations. <i>Attention, Perception, and Psychophysics</i> , 2012 , 74, 146-62 | 2 | 85 |
| 104 | Long-term memories bias sensitivity and target selection in complex scenes. <i>Journal of Cognitive Neuroscience</i> , 2012 , 24, 2281-91 | 3.1 | 36 |
| 103 | Response inhibition results in the emotional devaluation of faces: neural correlates as revealed by fMRI. <i>Social Cognitive and Affective Neuroscience</i> , 2012 , 7, 649-59 | 4 | 35 |
| 102 | Dissociable prior influences of signal probability and relevance on visual contrast sensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 3593-8 | 11.5 | 159 |
| 101 | Long-term memory prepares neural activity for perception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E360-7 | 11.5 | 92 |
| 100 | Effects of decision variables and intraparietal stimulation on sensorimotor oscillatory activity in the human brain. <i>Journal of Neuroscience</i> , 2012 , 32, 13805-18 | 6.6 | 54 |
| 99 | Lacking control over the trade-off between quality and quantity in visual short-term memory. <i>PLoS ONE</i> , 2012 , 7, e41223 | 3.7 | 16 |
| 98 | Top-down Biases in Visual Short-term Memory 2012 , 209-228 | | 3 |
| 97 | Imagery for shapes activates position-invariant representations in human visual cortex. <i>NeuroImage</i> , 2011 , 56, 1540-5 | 7.9 | 30 |
| 96 | Functionally dissociating temporal and motor components of response preparation in left intraparietal sulcus. <i>NeuroImage</i> , 2011 , 54, 1221-30 | 7.9 | 40 |
| 95 | Behavioural dissociation between exogenous and endogenous temporal orienting of attention. <i>PLoS ONE</i> , 2011 , 6, e14620 | 3.7 | 88 |

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|----|---|-----|-----|
| 94 | Markers of preparatory attention predict visual short-term memory performance. <i>Neuropsychologia</i> , 2011 , 49, 1458-65 | 3.2 | 50 |
| 93 | Modulation of working-memory maintenance by directed attention. <i>Neuropsychologia</i> , 2011 , 49, 1569-77 | 3.2 | 76 |
| 92 | Modulation of neural activity by motivational and spatial biases. <i>Neuropsychologia</i> , 2011 , 49, 2489-97 | 3.2 | 27 |
| 91 | Endogenous modulation of low frequency oscillations by temporal expectations. <i>Journal of Neurophysiology</i> , 2011 , 106, 2964-72 | 3.2 | 101 |
| 90 | Indexing the graded allocation of visuospatial attention using anticipatory alpha oscillations. <i>Journal of Neurophysiology</i> , 2011 , 105, 1318-26 | 3.2 | 176 |
| 89 | Oscillations related to anticipatory attention follow temporal expectations. <i>Journal of Neuroscience</i> , 2011 , 31, 14076-84 | 6.6 | 240 |
| 88 | Age-related changes in orienting attention in time. <i>Journal of Neuroscience</i> , 2011 , 31, 12461-70 | 6.6 | 88 |
| 87 | Biasing perception by spatial long-term memory. <i>Journal of Neuroscience</i> , 2011 , 31, 14952-60 | 6.6 | 37 |
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| 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 | Within-cycle instantaneous frequency profiles report oscillatory waveform dynamics | 3 |