RESEARCH & PUBLICATIONS

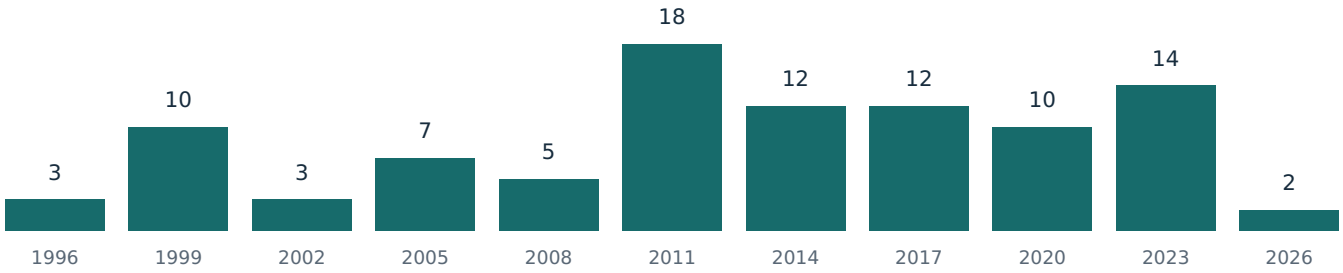
Nathalie George

A publication record at a glance

96	6,880	36
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 3-year periods



MOST CITED IN THIS LIST

Perception's Shadow: Long-Distance Synchronization of Human Brain Activity — 1,923
1999 Nature

Brain Events Related to Normal and Moderately Scrambled Faces — 326
1996 Cognitive Brain Research

The Many Faces of the Gamma Band Response to Complex Visual Stimuli — 317
2005 NeuroImage

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Ordered by publication year, newest first

2026

01 **Cortical Plasticity After Hypoglossal-Facial Nerve Transfer: A Magnetoencephalography (MEG) Study Before and After Surgery**

Facial Plastic Surgery and Aesthetic Medicine · 28, 407-409

https://exaly.com/article/206612185

0 citations

02 **Cortical Beta Coherence Provides a Stronger Non-Invasive Predictor of Movement Vigor Than Local Beta Power**

Journal of NeuroEngineering and Rehabilitation · 23, 169

https://exaly.com/article/212615946

1 citations

2025

03 **Magnetoencephalography**

Journal unavailable

https://exaly.com/article/174173004

0 citations

04 **Cerebral Plasticity After Lengthening Temporalis Myoplasty in Facial Palsy: A Magnetoencephalography Study**

Facial Plastic Surgery and Aesthetic Medicine · 27, 145-147

https://exaly.com/article/185587630

3 citations

05 **Recognition Memory Decline Is Associated With the Progression to Prodromal Alzheimer's Disease in Asymptomatic At-Risk Individuals**

Journal of Neurology · 272, 1-18

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1 citations

06 **Changes in Cortical Beta Power Predict Motor Control Flexibility, Not Vigor**

Communications Biology · 8, 1041

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5 citations

07 **Impact of Facial Palsy and Reanimation Surgery on Emotion Recognition: A Magnetoencephalography Study of Early Face Processing: The M170 Component**

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1 citations

08 **Cerebral Plasticity After Hypoglosso-Facial Anastomosis in Facial Palsy: A Magnetoencephalography Study**

NeuroImage Reports · 5, 100294

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09 **Time Course of EEG Power During Creative Problem-Solving With Insight or Remote Thinking** — 17 citations

Human Brain Mapping · 45, e26547

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10 **The Memory Binding Test Detects Early Subtle Episodic Memory Decline in Preclinical Alzheimer's Disease: A Longitudinal Study** — 8 citations

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11 **Brainlife.Io: A Decentralized and Open-Source Cloud Platform to Support Neuroscience Research** — 63 citations

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12 **Further Characterisation of Late Somatosensory Evoked Potentials Using Electroencephalogram and Magnetoencephalogram Source Imaging** — 5 citations

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13 **Inhibitory Control of Gait Initiation in Humans: An Electroencephalography Study** — 8 citations

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14 **The Memory Binding Test Can Anticipate Alzheimer's Disease Diagnosis at an Early Preclinical Stage: A Longitudinal Study in the INSIGHTpreAD Cohort** — 9 citations

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15 **Influence of Feedback Transparency on Motor Imagery Neurofeedback Performance: The Contribution of Agency** — 1 citations

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16 **Altering Experienced Utility by Incidental Affect: The Interplay of Valence and Arousal in Incidental Affect Infusion Processes.** — 8 citations

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17 Visual Information Routes in the Posterior Dorsal and Ventral Face Network Studied With Intracranial Neurophysiology and White Matter Tract Endpoints.
13 citations
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18 Does Adding Beer to Coffee Enhance the Activation of Drinks? An ERP Study of Semantic Category Priming
5 citations
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19 A Brain Atlas of Axonal and Synaptic Delays Based on Modelling of Cortico-Cortical Evoked Potentials
81 citations
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20 BCI Learning Induces Core-Periphery Reorganization in M/EEG Multiplex Brain Networks
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21 Statistical Power: Implications for Planning MEG Studies
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22 Alpha Activity Neuromodulation Induced by Individual Alpha-Based Neurofeedback Learning in Ecological Context: A Double-Blind Randomized Study
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24 Mind-Wandering Changes in Dysphoria
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10 citations

26 Functional Disconnection of Associative Cortical Areas Predicts Performance During BCI Training
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27 The Impact of Eye Contact on the Sense of Agency
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28 A Neuroscientific Approach to Increase Gender Equality
Nature Human Behaviour · 3, 1238-1239
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29 How Occupational Status Influences the Processing of Faces: An EEG Study
Neuropsychologia · 122, 125-135
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30 Comparison of Two Integration Methods for Dynamic Causal Modeling of Electrophysiological Data
NeuroImage · 173, 623-631
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31 Gaze Perception Induces Early Attention Orienting Effects in Occipito-Parietal Regions
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32 Revolution of Alzheimer Precision Neurology. Passageway of Systems Biology and Neurophysiology
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33 Social Contact Enhances Bodily Self-Awareness
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34 Postsurgical Disfigurement Influences Disgust Recognition: A Case-Control Study
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35 P4-027: Evidence for Cognitive Compensation in Early Amyloidosis in High-Performing Healthy Elderly at Risk for Alzheimer's Disease
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36 Decreasing Subthalamic Deep Brain Stimulation Frequency Reverses Cognitive Interference During Gait Initiation in Parkinson's Disease
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37 I Know You Can See Me: Social Attention Influences Bodily Self-Awareness
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38 Processing of Gaze Direction Within the N170/M170 Time Window: A Combined EEG/MEG Study
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39 Straight Gaze Facilitates Face Processing but Does Not Cause Involuntary Attentional Capture
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40 Different Patterns of Recollection Impairment in Confabulation Reveal Different Disorders of Consciousness: A Multiple Case Study
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42 Watching Eyes Effects: When Others Meet the Self
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43 Early Left Parietal Activity Elicited by Direct Gaze: A High-Density EEG Study — 8 citations
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44 Amygdala Processing of Social Cues From Faces: An Intracrebral EEG Study. — 18 citations
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45 Social Decisions Affect Neural Activity to Perceived Dynamic Gaze — 45 citations
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46 An Intracranial EEG Study of the Neural Dynamics of Musical Valence Processing. — 39 citations
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47 Only Your Eyes Tell Me What You Like: Exploring the Liking Effect Induced by Other's Gaze — 25 citations
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48 A Meta-Analysis of the Anterior Cingulate Contribution to Social Pain. — 306 citations
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50 ERP Evidence for an Early Emotional Bias Towards Happy Faces in Trait Anxiety — 44 citations
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53 MEG Evidence for Dynamic Amygdala Modulations by Gaze and Facial Emotions
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55 Behavioural and Magnetoencephalographic Evidence for the Interaction Between Semantic and Episodic Memory in Healthy Elderly Subjects
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56 Very Early Modulation of Brain Responses to Neutral Faces by a Single Prior Association With an Emotional Context: Evidence From MEG
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62 **La détection cérébrale précoce des émotions**
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63 **Distorted Temporal Consciousness and Preserved Knowing Consciousness in Confabulation: A Case Study**
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64 **Voluntary and Involuntary Spatial Attentions Interact Differently With Awareness**
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65 **Model of the Hippocampo-Cortical Connectivity in “Temporal Consciousness” in Normal and Pathological Memory: The Hippocampus, Memory and Temporal Consciousness Project**
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66 **Detection of Activity From the Amygdala With Magnetoencephalography**
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73 Facing the Gaze of Others — 155 citations
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74 When Eye Creates the Contact! ERP Evidence for Early Dissociation Between Direct and Averted Gaze Motion Processing — 182 citations
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75 Inversion and Contrast-Reversal Effects on Face Processing Assessed by MEG — 104 citations
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78 **Neural Network Involved in Time Perception: An fMRI Study Comparing Long and Short Interval Estimation.**
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82 **Age-Related Changes in Brain Responses to Personally Known Faces: An Event-Related Potential (ERP) Study in Humans**
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83 **Increase of High-Frequency (150 Hz) Intracranial EEG Activity During Face Perception in Humans**
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86 **Magnetoencephalographic Evidence of Early Processing of Direction of Gaze in Humans** — 55 citations
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87 **Faces, Faces Everywhere** — 0 citations
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