

Marta I Garrido

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

5,255
citations

147566

31
h-index

102304

66
g-index

92
all docs

92
docs citations

92
times ranked

5100
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The mismatch negativity: A review of underlying mechanisms. <i>Clinical Neurophysiology</i> , 2009, 120, 453-463. | 0.7 | 1,109 |
| 2 | Preserved Feedforward But Impaired Top-Down Processes in the Vegetative State. <i>Science</i> , 2011, 332, 858-862. | 6.0 | 444 |
| 3 | The functional anatomy of the MMN: A DCM study of the roving paradigm. <i>NeuroImage</i> , 2008, 42, 936-944. | 2.1 | 392 |
| 4 | Evoked brain responses are generated by feedback loops. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20961-20966. | 3.3 | 241 |
| 5 | Dynamic causal modelling of evoked potentials: A reproducibility study. <i>NeuroImage</i> , 2007, 36, 571-580. | 2.1 | 205 |
| 6 | Repetition suppression and plasticity in the human brain. <i>NeuroImage</i> , 2009, 48, 269-279. | 2.1 | 192 |
| 7 | Dynamic causal modeling for EEG and MEG. <i>Human Brain Mapping</i> , 2009, 30, 1866-1876. | 1.9 | 186 |
| 8 | Dynamic causal modelling for EEG and MEG. <i>Cognitive Neurodynamics</i> , 2008, 2, 121-136. | 2.3 | 183 |
| 9 | Dynamic Causal Modeling of the Response to Frequency Deviants. <i>Journal of Neurophysiology</i> , 2009, 101, 2620-2631. | 0.9 | 173 |
| 10 | Sparse network-based models for patient classification using fMRI. <i>NeuroImage</i> , 2015, 105, 493-506. | 2.1 | 151 |
| 11 | Modelling Trial-by-Trial Changes in the Mismatch Negativity. <i>PLoS Computational Biology</i> , 2013, 9, e1002911. | 1.5 | 137 |
| 12 | Dynamic causal modelling of evoked responses: The role of intrinsic connections. <i>NeuroImage</i> , 2007, 36, 332-345. | 2.1 | 120 |
| 13 | Outlier Responses Reflect Sensitivity to Statistical Structure in the Human Brain. <i>PLoS Computational Biology</i> , 2013, 9, e1002999. | 1.5 | 118 |
| 14 | A Neurocomputational Model of the Mismatch Negativity. <i>PLoS Computational Biology</i> , 2013, 9, e1003288. | 1.5 | 96 |
| 15 | Subcortical amygdala pathways enable rapid face processing. <i>NeuroImage</i> , 2014, 102, 309-316. | 2.1 | 88 |
| 16 | Brain Connectivity in Disorders of Consciousness. <i>Brain Connectivity</i> , 2012, 2, 1-10. | 0.8 | 85 |
| 17 | Functional Evidence for a Dual Route to Amygdala. <i>Current Biology</i> , 2012, 22, 129-134. | 1.8 | 81 |
| 18 | A Rapid Subcortical Amygdala Route for Faces Irrespective of Spatial Frequency and Emotion. <i>Journal of Neuroscience</i> , 2017, 37, 3864-3874. | 1.7 | 80 |

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|----|---|-----|-----------|
| 19 | An afferent white matter pathway from the pulvinar to the amygdala facilitates fear recognition. <i>ELife</i> , 2019, 8, . | 2.8 | 77 |
| 20 | Effective Connectivity Reveals Right-Hemisphere Dominance in Audiospatial Perception: Implications for Models of Spatial Neglect. <i>Journal of Neuroscience</i> , 2014, 34, 5003-5011. | 1.7 | 74 |
| 21 | The Unpredictive Brain Under Threat: A Neurocomputational Account of Anxious Hypervigilance. <i>Biological Psychiatry</i> , 2017, 82, 447-454. | 0.7 | 66 |
| 22 | Dynamic Causal Modelling of epileptic seizure propagation pathways: A combined EEG&fMRI study. <i>NeuroImage</i> , 2012, 62, 1634-1642. | 2.1 | 62 |
| 23 | Attention promotes the neural encoding of prediction errors. <i>PLoS Biology</i> , 2019, 17, e2006812. | 2.6 | 61 |
| 24 | Ventromedial prefrontal cortex drives hippocampal theta oscillations induced by mismatch computations. <i>NeuroImage</i> , 2015, 120, 362-370. | 2.1 | 59 |
| 25 | The influence of subcortical shortcuts on disordered sensory and cognitive processing. <i>Nature Reviews Neuroscience</i> , 2020, 21, 264-276. | 4.9 | 59 |
| 26 | Sensory prediction errors in the continuum of psychosis. <i>Schizophrenia Research</i> , 2018, 191, 109-122. | 1.1 | 57 |
| 27 | Remote Effects of Hippocampal Sclerosis on Effective Connectivity during Working Memory Encoding: A Case of Connectional Diaschisis?. <i>Cerebral Cortex</i> , 2012, 22, 1225-1236. | 1.6 | 56 |
| 28 | Network reconfiguration and working memory impairment in mesial temporal lobe epilepsy. <i>NeuroImage</i> , 2013, 72, 48-54. | 2.1 | 46 |
| 29 | Response to Comment on "Preserved Feedforward But Impaired Top-Down Processes in the Vegetative State". <i>Science</i> , 2011, 334, 1203-1203. | 6.0 | 45 |
| 30 | Empirical Bayes for Group (DCM) Studies: A Reproducibility Study. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 670. | 1.0 | 41 |
| 31 | Auditory prediction errors as individual biomarkers of schizophrenia. <i>NeuroImage: Clinical</i> , 2017, 15, 264-273. | 1.4 | 37 |
| 32 | Bayesian Mapping Reveals That Attention Boosts Neural Responses to Predicted and Unpredicted Stimuli. <i>Cerebral Cortex</i> , 2018, 28, 1771-1782. | 1.6 | 37 |
| 33 | Surprise responses in the human brain demonstrate statistical learning under high concurrent cognitive demand. <i>Npj Science of Learning</i> , 2016, 1, 16006. | 1.5 | 29 |
| 34 | Predictive coding of visual motion in both monocular and binocular human visual processing. <i>Journal of Vision</i> , 2019, 19, 3. | 0.1 | 29 |
| 35 | A mechanistic model of mismatch negativity in the ageing brain. <i>Clinical Neurophysiology</i> , 2014, 125, 1774-1782. | 0.7 | 25 |
| 36 | Altered auditory processing and effective connectivity in 22q11.2 deletion syndrome. <i>Schizophrenia Research</i> , 2018, 197, 328-336. | 1.1 | 24 |

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|----|---|-----|-----------|
| 37 | Development of effective connectivity in the core network for face perception. <i>Human Brain Mapping</i> , 2015, 36, 2161-2173. | 1.9 | 22 |
| 38 | The maturation of mismatch negativity networks in normal adolescence. <i>Clinical Neurophysiology</i> , 2016, 127, 520-529. | 0.7 | 22 |
| 39 | Sensory Deviancy Detection Measured Directly Within the Human Nucleus Accumbens. <i>Cerebral Cortex</i> , 2016, 26, 1168-1175. | 1.6 | 21 |
| 40 | White matter connectivity reductions in the pre-clinical continuum of psychosis: A connectome study. <i>Human Brain Mapping</i> , 2019, 40, 529-537. | 1.9 | 19 |
| 41 | Alteration of functional brain architecture in 22q11.2 deletion syndrome – Insights into susceptibility for psychosis. <i>NeuroImage</i> , 2019, 190, 154-171. | 2.1 | 18 |
| 42 | Time-Varying Effective Connectivity during Visual Object Naming as a Function of Semantic Demands. <i>Journal of Neuroscience</i> , 2015, 35, 8768-8776. | 1.7 | 17 |
| 43 | Timing in Predictive Coding: The Roles of Task Relevance and Global Probability. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 780-792. | 1.1 | 14 |
| 44 | Statistical Learning and Inference Is Impaired in the Nonclinical Continuum of Psychosis. <i>Journal of Neuroscience</i> , 2020, 40, 6759-6769. | 1.7 | 13 |
| 45 | Surprise Leads to Noisier Perceptual Decisions. <i>i-Perception</i> , 2011, 2, 112-120. | 0.8 | 11 |
| 46 | Auditory white matter pathways are associated with effective connectivity of auditory prediction errors within a fronto-temporal network. <i>NeuroImage</i> , 2019, 195, 454-462. | 2.1 | 11 |
| 47 | Bayesian Model Selection Maps for Group Studies Using M/EEG Data. <i>Frontiers in Neuroscience</i> , 2018, 12, 598. | 1.4 | 10 |
| 48 | Multi-dimensional predictions of psychotic symptoms via machine learning. <i>Human Brain Mapping</i> , 2020, 41, 5151-5163. | 1.9 | 8 |
| 49 | A salience misattribution model for addictive-like behaviors. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 125, 466-477. | 2.9 | 8 |
| 50 | Global effects of feature-based attention depend on surprise. <i>NeuroImage</i> , 2020, 215, 116785. | 2.1 | 8 |
| 51 | Stronger Top-Down and Weaker Bottom-Up Frontotemporal Connections During Sensory Learning Are Associated With Severity of Psychotic Phenomena. <i>Schizophrenia Bulletin</i> , 2021, 47, 1039-1047. | 2.3 | 7 |
| 52 | Brain Connectivity: The Feel of Blindsight. <i>Current Biology</i> , 2012, 22, R599-R600. | 1.8 | 6 |
| 53 | Prediction of Speech Sounds Is Facilitated by a Functional Fronto-Temporal Network. <i>Frontiers in Neural Circuits</i> , 2018, 12, 43. | 1.4 | 6 |
| 54 | Individuals with 22q11.2 deletion syndrome show intact prediction but reduced adaptation in responses to repeated sounds: Evidence from Bayesian mapping. <i>NeuroImage: Clinical</i> , 2019, 22, 101721. | 1.4 | 6 |

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|----|---|-----|-----------|
| 55 | Porthole and Stormcloud: Tools for Visualisation of Spatiotemporal M/EEG Statistics. Neuroinformatics, 2020, 18, 351-363. | 1.5 | 6 |
| 56 | Detecting (Un)seen Change: The Neural Underpinnings of (Un)conscious Prediction Errors. Frontiers in Systems Neuroscience, 2020, 14, 541670. | 1.2 | 5 |
| 57 | Reduced effective connectivity between right parietal and inferior frontal cortex during audiospatial perception in neglect patients with a right-hemisphere lesion. Hearing Research, 2021, 399, 108052. | 0.9 | 5 |
| 58 | Aberrant connectivity in auditory precision encoding in schizophrenia spectrum disorder and across the continuum of psychotic-like experiences. Schizophrenia Research, 2020, 222, 185-194. | 1.1 | 3 |
| 59 | Unilateral neglect within the predictive processing framework. Brain Communications, 2021, 3, fcab193. | 1.5 | 3 |
| 60 | Cognitive Capacity Limits Are Remediated by Practice-Induced Plasticity between the Putamen and Pre-Supplementary Motor Area. ENeuro, 2020, 7, ENEURO.0139-20.2020. | 0.9 | 2 |
| 61 | Delirium VULnerability in GERiatrics (DIVULGE) study: a protocol for a prospective observational study of electroencephalogram associations with incident postoperative delirium. BMJ Neurology Open, 2021, 3, e000199. | 0.7 | 2 |
| 62 | Neural and computational processes of accelerated perceptual awareness and decisions: A 7T fMRI study. Human Brain Mapping, 2022, 43, 3873-3886. | 1.9 | 2 |
| 63 | Predicting subclinical psychotic-like experiences on a continuum using machine learning. NeuroImage, 2021, 241, 118329. | 2.1 | 1 |
| 64 | Towards a cross-level understanding of Bayesian inference in the brain. Neuroscience and Biobehavioral Reviews, 2022, 137, 104649. | 2.9 | 1 |
| 65 | Surprising Threats Accelerate Conscious Perception. Frontiers in Behavioral Neuroscience, 2022, 16, . | 1.0 | 1 |
| 66 | Randomised controlled trial of Compensatory Cognitive Training and a Computerised Cognitive Remediation programme. Trials, 2020, 21, 810. | 0.7 | 0 |
| 67 | 3.8 Analyzing Effective Connectivity with EEG and MEG. , 2010, , 235-250. | | 0 |