Marta I Garrido

List of Publications by Year in Descending Order

66 papers	3,791 citations	28 h-index	61 g-index
92 ext. papers	4,669 ext. citations	6.3 avg, IF	5.52 L-index

#	Paper	IF	Citations
66	Towards a cross-level understanding of Bayesian inference in the brain.. *Neuroscience and Biobehavioral Reviews*, **2022**, 104649	9	
65	A salience misattribution model for addictive-like behaviors. *Neuroscience and Biobehavioral Reviews*, **2021**, 125, 466-477	9	2
64	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	3.9	2
63	Unilateral neglect within the predictive processing framework. *Brain Communications*, **2021**, 3, fcab193	4.5	1
62	Predicting subclinical psychotic-like experiences on a continuum using machine learning. *NeuroImage*, **2021**, 241, 118329	7.9	1
61	Stronger Top-Down and Weaker Bottom-Up Frontotemporal Connections During Sensory Learning Are Associated With Severity of Psychotic Phenomena. *Schizophrenia Bulletin*, **2021**, 47, 1039-1047	1.3	2
60	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	1.5	
59	The influence of subcortical shortcuts on disordered sensory and cognitive processing. *Nature Reviews Neuroscience*, **2020**, 21, 264-276	13.5	28
58	Global effects of feature-based attention depend on surprise. *NeuroImage*, **2020**, 215, 116785	7.9	4
57	Porthole and Stormcloud: Tools for Visualisation of Spatiotemporal M/EEG Statistics. *Neuroinformatics*, **2020**, 18, 351-363	3.2	5
56	Randomised controlled trial of Compensatory Cognitive Training and a Computerised Cognitive Remediation programme. *Trials*, **2020**, 21, 810	2.8	
55	Statistical Learning and Inference Is Impaired in the Nonclinical Continuum of Psychosis. *Journal of Neuroscience*, **2020**, 40, 6759-6769	6.6	7
54	Detecting (Un)seen Change: The Neural Underpinnings of (Un)conscious Prediction Errors. *Frontiers in Systems Neuroscience*, **2020**, 14, 541670	3.5	1
53	Aberrant connectivity in auditory precision encoding in schizophrenia spectrum disorder and across the continuum of psychotic-like experiences. *Schizophrenia Research*, **2020**, 222, 185-194	3.6	2
52	Multi-dimensional predictions of psychotic symptoms via machine learning. *Human Brain Mapping*, **2020**, 41, 5151-5163	5.9	3
51	Predictive coding of visual motion in both monocular and binocular human visual processing. *Journal of Vision*, **2019**, 19, 3	0.4	17
50	Attention promotes the neural encoding of prediction errors. *PLoS Biology*, **2019**, 17, e2006812	9.7	31

49	Auditory white matter pathways are associated with effective connectivity of auditory prediction errors within a fronto-temporal network. *NeuroImage*, **2019**, 195, 454-462	7.9	5
48	Individuals with 22q11.2 deletion syndrome show intact prediction but reduced adaptation in responses to repeated sounds: Evidence from Bayesian mapping. *NeuroImage: Clinical*, **2019**, 22, 101721	5.3	1
47	An afferent white matter pathway from the pulvinar to the amygdala facilitates fear recognition. *ELife*, **2019**, 8,	8.9	43
46	Alteration of functional brain architecture in 22q11.2 deletion syndrome - Insights into susceptibility for psychosis. *NeuroImage*, **2019**, 190, 154-171	7.9	9
45	White matter connectivity reductions in the pre-clinical continuum of psychosis: A connectome study. *Human Brain Mapping*, **2019**, 40, 529-537	5.9	11
44	Altered auditory processing and effective connectivity in 22q11.2 deletion syndrome. *Schizophrenia Research*, **2018**, 197, 328-336	3.6	15
43	Bayesian Mapping Reveals That Attention Boosts Neural Responses to Predicted and Unpredicted Stimuli. *Cerebral Cortex*, **2018**, 28, 1771-1782	5.1	18
42	Sensory prediction errors in the continuum of psychosis. *Schizophrenia Research*, **2018**, 191, 109-122	3.6	33
41	Prediction of Speech Sounds Is Facilitated by a Functional Fronto-Temporal Network. *Frontiers in Neural Circuits*, **2018**, 12, 43	3.5	4
40	Bayesian Model Selection Maps for Group Studies Using M/EEG Data. *Frontiers in Neuroscience*, **2018**, 12, 598	5.1	6
39	A Rapid Subcortical Amygdala Route for Faces Irrespective of Spatial Frequency and Emotion. *Journal of Neuroscience*, **2017**, 37, 3864-3874	6.6	54
38	Timing in Predictive Coding: The Roles of Task Relevance and Global Probability. *Journal of Cognitive Neuroscience*, **2017**, 29, 780-792	3.1	9
37	Auditory prediction errors as individual biomarkers of schizophrenia. *NeuroImage: Clinical*, **2017**, 15, 264-273	5.3	21
36	The Unpredictive Brain Under Threat: A Neurocomputational Account of Anxious Hypervigilance. *Biological Psychiatry*, **2017**, 82, 447-454	7.9	38
35	Sensory Deviancy Detection Measured Directly Within the Human Nucleus Accumbens. *Cerebral Cortex*, **2016**, 26, 1168-1175	5.1	16
34	The maturation of mismatch negativity networks in normal adolescence. *Clinical Neurophysiology*, **2016**, 127, 520-529	4.3	12
33	Surprise responses in the human brain demonstrate statistical learning under high concurrent cognitive demand. *Npj Science of Learning*, **2016**, 1, 16006	6	17
32	Sparse network-based models for patient classification using fMRI. *NeuroImage*, **2015**, 105, 493-506	7.9	111

31	Ventromedial prefrontal cortex drives hippocampal theta oscillations induced by mismatch computations. *NeuroImage*, **2015**, 120, 362-70	7.9	37
30	Development of effective connectivity in the core network for face perception. *Human Brain Mapping*, **2015**, 36, 2161-73	5.9	20
29	Empirical Bayes for Group (DCM) Studies: A Reproducibility Study. *Frontiers in Human Neuroscience*, **2015**, 9, 670	3.3	26
28	Time-varying effective connectivity during visual object naming as a function of semantic demands. *Journal of Neuroscience*, **2015**, 35, 8768-76	6.6	9
27	Subcortical amygdala pathways enable rapid face processing. *NeuroImage*, **2014**, 102 Pt 2, 309-16	7.9	66
26	Effective connectivity reveals right-hemisphere dominance in audiospatial perception: implications for models of spatial neglect. *Journal of Neuroscience*, **2014**, 34, 5003-11	6.6	58
25	A mechanistic model of mismatch negativity in the ageing brain. *Clinical Neurophysiology*, **2014**, 125, 1774-82	4.3	16
24	Network reconfiguration and working memory impairment in mesial temporal lobe epilepsy. *NeuroImage*, **2013**, 72, 48-54	7.9	33
23	Modelling trial-by-trial changes in the mismatch negativity. *PLoS Computational Biology*, **2013**, 9, e1002911	5	90
22	Outlier responses reflect sensitivity to statistical structure in the human brain. *PLoS Computational Biology*, **2013**, 9, e1002999	5	80
21	A neurocomputational model of the mismatch negativity. *PLoS Computational Biology*, **2013**, 9, e1003288	5	68
20	Functional evidence for a dual route to amygdala. *Current Biology*, **2012**, 22, 129-34	6.3	68
19	Brain connectivity in disorders of consciousness. *Brain Connectivity*, **2012**, 2, 1-10	2.7	69
18	Brain connectivity: the feel of blindsight. *Current Biology*, **2012**, 22, R599-600	6.3	2
17	Dynamic Causal Modelling of epileptic seizure propagation pathways: a combined EEG-fMRI study. *NeuroImage*, **2012**, 62, 1634-42	7.9	53
16	Remote effects of hippocampal sclerosis on effective connectivity during working memory encoding: a case of connectional diaschisis?. *Cerebral Cortex*, **2012**, 22, 1225-36	5.1	46
15	Preserved feedforward but impaired top-down processes in the vegetative state. *Science*, **2011**, 332, 858-62	33.3	370
14	Surprise leads to noisier perceptual decisions. *I-Perception*, **2011**, 2, 112-20	1.2	9

LIST OF PUBLICATIONS

13	Response to Comment on "Preserved Feedforward But Impaired Top-Down Processes in the Vegetative State". *Science*, **2011**, 334, 1203-1203	33.3	44
12	Dynamic causal modeling for EEG and MEG. *Human Brain Mapping*, **2009**, 30, 1866-76	5.9	158
11	The mismatch negativity: a review of underlying mechanisms. *Clinical Neurophysiology*, **2009**, 120, 453-63	4.3	802
10	Repetition suppression and plasticity in the human brain. *NeuroImage*, **2009**, 48, 269-79	7.9	135
9	Dynamic causal modeling of the response to frequency deviants. *Journal of Neurophysiology*, **2009**, 101, 2620-31	3.2	128
8	The functional anatomy of the MMN: a DCM study of the roving paradigm. *NeuroImage*, **2008**, 42, 936-44	7.9	277
7	Dynamic causal modelling for EEG and MEG. *Cognitive Neurodynamics*, **2008**, 2, 121-36	4.2	127
6	Evoked brain responses are generated by feedback loops. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 20961-6	11.5	198
5	Dynamic causal modelling of evoked responses: the role of intrinsic connections. *NeuroImage*, **2007**, 36, 332-45	7.9	96
4	Dynamic causal modelling of evoked potentials: a reproducibility study. *NeuroImage*, **2007**, 36, 571-80	7.9	162
3	Sensory learning and inference is impaired in the non-clinical continuum of psychosis: a replication study		1
2	Attention Promotes the Neural Encoding of Prediction Errors		1
1	SURPRISING THREATS ACCELERATE EVIDENCE ACCUMULATION FOR CONSCIOUS PERCEPTION		2