

Monica V Baciú

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,706
citations

136740

32
h-index

143772

57
g-index

107
all docs

107
docs citations

107
times ranked

4939
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learningâ€™XGBoost analysis of language networks to classify patients with epilepsy. <i>Brain Informatics</i> , 2017, 4, 159-169.	1.8	311
2	Relationship between task-related gamma oscillations and BOLD signal: New insights from combined fMRI and intracranial EEG. <i>Human Brain Mapping</i> , 2007, 28, 1368-1375.	1.9	286
3	What is that little voice inside my head? Inner speech phenomenology, its role in cognitive performance, and its relation to self-monitoring. <i>Behavioural Brain Research</i> , 2014, 261, 220-239.	1.2	193
4	Central processing of rectal pain in patients with irritable bowel syndrome: an fMRI study. <i>American Journal of Gastroenterology</i> , 2002, 97, 654-661.	0.2	147
5	Functional MRI assessment of orofacial articulators: Neural correlates of lip, jaw, larynx, and tongue movements. <i>Human Brain Mapping</i> , 2012, 33, 2306-2321.	1.9	146
6	Three-dimensional linear articulatory modeling of tongue, lips and face, based on MRI and video images. <i>Journal of Phonetics</i> , 2002, 30, 533-553.	0.6	134
7	The sensory-motor specificity of taxonomic and thematic conceptual relations: A behavioral and fMRI study. <i>NeuroImage</i> , 2009, 44, 1152-1162.	2.1	132
8	Neural dissociation of phonological and visual attention span disorders in developmental dyslexia: fMRI evidence from two case reports. <i>Brain and Language</i> , 2012, 120, 381-394.	0.8	122
9	Cortical dynamics of word recognition. <i>Human Brain Mapping</i> , 2008, 29, 1215-1230.	1.9	115
10	Cerebral regions and hemispheric specialization for processing spatial frequencies during natural scene recognition. An event-related fMRI study. <i>NeuroImage</i> , 2004, 23, 698-707.	2.1	91
11	fMRI evidence for abnormal resting-state functional connectivity in euthymic bipolar patients. <i>Journal of Affective Disorders</i> , 2014, 165, 182-189.	2.0	82
12	Silence Is Golden: Transient Neural Deactivation in the Prefrontal Cortex during Attentive Reading. <i>Cerebral Cortex</i> , 2008, 18, 443-450.	1.6	80
13	Categorical and coordinate spatial relations. <i>NeuroReport</i> , 1999, 10, 1373-1378.	0.6	76
14	Emotional Decoding Abilities in Alzheimer's Disease: A Meta-Analysis. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 109-125.	1.2	72
15	Gray Matter Volume and Cognitive Performance During Normal Aging. A Voxel-Based Morphometry Study. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 235.	1.7	67
16	Presurgical fMRI evaluation of cerebral reorganization and motor deficit in patients with tumors and vascular malformations. <i>European Journal of Radiology</i> , 2003, 46, 139-146.	1.2	66
17	Activations of deep convolutional neural networks are aligned with gamma band activity of human visual cortex. <i>Communications Biology</i> , 2018, 1, 107.	2.0	65
18	Multi-factorial modulation of hemispheric specialization and plasticity for language in healthy and pathological conditions: A review. <i>Cortex</i> , 2017, 86, 314-339.	1.1	64

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19	Polysyllabic pseudo-word processing in reading and lexical decision: Converging evidence from behavioral data, connectionist simulations and functional MRI. <i>Brain Research</i> , 2006, 1085, 149-162.	1.1	62
20	Functional MRI evidence for the decline of word retrieval and generation during normal aging. <i>Age</i> , 2016, 38, 3.	3.0	60
21	Evaluating functional MRI procedures for assessing hemispheric language dominance in neurosurgical patients. <i>Neuroradiology</i> , 2005, 47, 835-844.	1.1	57
22	Functional MRI reveals an interhemispheric dissociation of frontal and temporal language regions in a patient with focal epilepsy. <i>Epilepsy and Behavior</i> , 2003, 4, 776-780.	0.9	55
23	Improving the effectiveness of nutritional information policies: assessment of unconscious pleasure mechanisms involved in food-choice decisions. <i>Nutrition Reviews</i> , 2012, 70, 118-131.	2.6	53
24	Cerebral Correlates of Abnormal Emotion Conflict Processing in Euthymic Bipolar Patients: A Functional MRI Study. <i>PLoS ONE</i> , 2015, 10, e0134961.	1.1	49
25	Amygdalar Atrophy in Early Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2014, 11, 239-252.	0.7	48
26	Dynamic Causal Modeling of Spatiotemporal Integration of Phonological and Semantic Processes: An Electroencephalographic Study. <i>Journal of Neuroscience</i> , 2012, 32, 4297-4306.	1.7	47
27	Preserved and Impaired Emotional Memory in Alzheimer's Disease. <i>Frontiers in Psychology</i> , 2012, 3, 331.	1.1	45
28	Evaluating fMRI methods for assessing hemispheric language dominance in healthy subjects. <i>European Journal of Radiology</i> , 2005, 55, 209-218.	1.2	41
29	Hubs disruption in mesial temporal lobe epilepsy. A resting-state fMRI study on a language and memory network. <i>Human Brain Mapping</i> , 2020, 41, 779-796.	1.9	38
30	The ConDialInt Model: Condensation, Dialogality, and Intentionality Dimensions of Inner Speech Within a Hierarchical Predictive Control Framework. <i>Frontiers in Psychology</i> , 2019, 10, 2019.	1.1	37
31	Functional MRI evidence for language plasticity in adult epileptic patients: Preliminary results. <i>Neuropsychiatric Disease and Treatment</i> , 2008, 4, 235.	1.0	36
32	Balance, Lateropulsion, and Gait Disorders in Subacute Stroke. <i>Neurology</i> , 2021, 96, e2147-e2159.	1.5	36
33	Multistable representation of speech forms: a functional MRI study of verbal transformations. <i>NeuroImage</i> , 2004, 23, 1143-1151.	2.1	35
34	fMRI assessment of hemispheric language dominance using a simple inner speech paradigm. <i>NMR in Biomedicine</i> , 1999, 12, 293-298.	1.6	33
35	An fMRI study of the social competition in healthy subjects. <i>Brain and Cognition</i> , 2011, 77, 401-411.	0.8	32
36	The left inferior frontal gyrus under focus: an fMRI study of the production of deixis via syntactic extraction and prosodic focus. <i>Journal of Neurolinguistics</i> , 2005, 18, 237-258.	0.5	28

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37	Functional MRI approach for assessing hemispheric predominance of regions activated by a phonological and a semantic task. <i>European Journal of Radiology</i> , 2007, 63, 274-285.	1.2	28
38	Shared and distinct neural correlates of vowel perception and production. <i>Journal of Neurolinguistics</i> , 2013, 26, 384-408.	0.5	28
39	Modulation of fronto-limbic activity by the psychoeducation in euthymic bipolar patients. A functional MRI study. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 285-295.	0.9	27
40	Differential hippocampal and retrosplenial involvement in egocentric-updating, rotation, and allocentric processing during online spatial encoding: an fMRI study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 150.	1.0	27
41	Fear recognition impairment in early-stage Alzheimer's disease: When focusing on the eyes region improves performance. <i>Brain and Cognition</i> , 2013, 82, 25-34.	0.8	26
42	What do patients with epilepsy tell us about language dynamics? A review of fMRI studies. <i>Reviews in the Neurosciences</i> , 2015, 26, 323-41.	1.4	26
43	Egocentric-updating during navigation facilitates episodic memory retrieval. <i>Acta Psychologica</i> , 2009, 132, 221-227.	0.7	23
44	Behavioral evidence for a differential modulation of semantic processing and lexical production by aging: a full linear mixed-effects modeling approach. <i>Aging, Neuropsychology, and Cognition</i> , 2018, 25, 1-22.	0.7	23
45	Direct Evidence for Two Different Neural Mechanisms for Reading Familiar and Unfamiliar Words: An Intra-Cerebral EEG Study. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 101.	1.0	22
46	Lateropulsion After Hemispheric Stroke. <i>Neurology</i> , 2021, 96, e2160-e2171.	1.5	22
47	Probabilistic mapping of language networks from high frequency activity induced by direct electrical stimulation. <i>Human Brain Mapping</i> , 2020, 41, 4113-4126.	1.9	21
48	Missing links: The functional unification of language and memory (L ² M). <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 133, 104489.	2.9	21
49	Neural correlates of the perception of contrastive prosodic focus in French: A functional magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2013, 34, 2574-2591.	1.9	20
50	Hemispheric predominance assessment of phonology and semantics: A divided visual field experiment. <i>Brain and Cognition</i> , 2006, 61, 298-304.	0.8	19
51	Functional MRI and neuropsychological evidence for language plasticity before and after surgery in one patient with left temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2012, 23, 81-86.	0.9	18
52	Effective Connectivity between Ventral Occipito-Temporal and Ventral Inferior Frontal Cortex during Lexico-Semantic Processing. A Dynamic Causal Modeling Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 325.	1.0	18
53	Rehabilitation of verbal memory by means of preserved nonverbal memory abilities after epilepsy surgery. <i>Epilepsy & Behavior Case Reports</i> , 2014, 2, 167-173.	1.5	16
54	Relationship between direct cortical stimulation and induced high-frequency activity for language mapping during SEEG recording. <i>Journal of Neurosurgery</i> , 2021, 134, 1251-1261.	0.9	16

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55	Length effect during word and pseudo-word reading. An event-related fMRI study. <i>Neuroscience Research Communications</i> , 2002, 30, 155-165.	0.2	15
56	A machine learning approach to explore cognitive signatures in patients with temporo-mesial epilepsy. <i>Neuropsychologia</i> , 2020, 142, 107455.	0.7	15
57	Aging Modulates the Hemispheric Specialization during Word Production. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 125.	1.7	13
58	Speech recovery and language plasticity can be facilitated by Sensori-Motor Fusion training in chronic non-fluent aphasia. A case report study. <i>Clinical Linguistics and Phonetics</i> , 2018, 32, 595-621.	0.5	13
59	Aging modulates fronto-temporal cortical interactions during lexical production. A dynamic causal modeling study. <i>Brain and Language</i> , 2018, 184, 11-19.	0.8	13
60	Reconfiguration dynamics of a language-and-memory network in healthy participants and patients with temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2021, 31, 102702.	1.4	12
61	Reducing the language content in ToM tests: A developmental scale.. <i>Developmental Psychology</i> , 2018, 54, 293-307.	1.2	12
62	Hemispheric specialization for language according to grapho-phonemic transformation and gender. A divided visual field experiment. <i>Brain and Cognition</i> , 2009, 69, 465-471.	0.8	11
63	Behavioral evidence for inter-hemispheric cooperation during a lexical decision task: a divided visual field experiment. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 316.	1.0	11
64	Functional MRI evidence for modulation of cerebral activity by grapheme-to-phoneme conversion in French, and by the variable of gender. <i>Journal of Neurolinguistics</i> , 2011, 24, 507-520.	0.5	10
65	A real-time marker of object-based attention in the human brain. A possible component of a "gate-keeping mechanism" performing late attentional selection in the Ventro-Lateral Prefrontal Cortex. <i>NeuroImage</i> , 2020, 210, 116574.	2.1	10
66	Strategies and cognitive reserve to preserve lexical production in aging. <i>GeroScience</i> , 2021, 43, 1725-1765.	2.1	10
67	NEREC, an effective brain mapping protocol for combined language and long-term memory functions. <i>Epilepsy and Behavior</i> , 2015, 53, 140-148.	0.9	8
68	Behavioral assessment of emotional and motivational appraisal during visual processing of emotional scenes depending on spatial frequencies. <i>Brain and Cognition</i> , 2013, 83, 104-113.	0.8	7
69	White Matter Plasticity Induced by Psychoeducation in Bipolar Patients: A Controlled Diffusion Tensor Imaging Study. <i>Psychotherapy and Psychosomatics</i> , 2016, 85, 58-60.	4.0	7
70	TractLearn: A geodesic learning framework for quantitative analysis of brain bundles. <i>NeuroImage</i> , 2021, 233, 117927.	2.1	7
71	Neural correlates of the healthiness evaluation processes of food labels. <i>Nutritional Neuroscience</i> , 2018, 21, 467-477.	1.5	6
72	The link between structural connectivity and neurocognition illustrated by focal epilepsy. <i>Epileptic Disorders</i> , 2018, 20, 88-98.	0.7	6

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73	Functional connectivity within the network of verticality. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101463.	1.1	6
74	Hemispheric Language Dominance Testing by Means of fMRI. <i>Journal of Neuroimaging</i> , 1999, 9, 246-247.	1.0	4
75	Hemisphere specialisation and inter-hemispheric cooperation during a phonological task: Effect of lexicality as assessed by the divided visual field approach. <i>Laterality</i> , 2013, 18, 216-230.	0.5	4
76	Ongoing egocentric spatial processing during learning of non-spatial information results in temporal-parietal activity during retrieval. <i>Frontiers in Psychology</i> , 2013, 4, 366.	1.1	4
77	The Self-Pleasantness Judgment Modulates the Encoding Performance and the Default Mode Network Activity. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 121.	1.0	4
78	Modulation of the inter-hemispheric processing of semantic information during normal aging. A divided visual field experiment. <i>Neuropsychologia</i> , 2016, 93, 425-436.	0.7	4
79	Speech rehabilitation in post-stroke aphasia using visual illustration of speech articulators: A case report study. <i>Clinical Linguistics and Phonetics</i> , 2021, 35, 253-276.	0.5	4
80	Cerebral Correlates of Emotional and Action Appraisals During Visual Processing of Emotional Scenes Depending on Spatial Frequency: A Pilot Study. <i>PLoS ONE</i> , 2016, 11, e0144393.	1.1	4
81	Role of Two Types of Syntactic Embedding in Belief Attribution in Adults with or without Asperger Syndrome. <i>Frontiers in Psychology</i> , 2017, 8, 743.	1.1	3
82	Effect of social leisure activities on object naming in healthy aging A multimodal approach. <i>Psychologie & Neuropsychiatrie Du Vieillissement</i> , 2018, 16, 96-105.	0.2	3
83	Prediction of the clinical and naming status after anterior temporal lobe resection in patients with epilepsy. <i>Epilepsy and Behavior</i> , 2021, 124, 108357.	0.9	3
84	Mapping of Language-and-Memory Networks in Patients With Temporal Lobe Epilepsy by Using the GE2REC Protocol. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 752138.	1.0	3
85	Interactive mapping of language and memory with the GE2REC protocol. <i>Brain Imaging and Behavior</i> , 2021, 15, 1562-1579.	1.1	2
86	Theory of mind during childhood: Investigating syntactic and executive contributions. <i>Social Development</i> , 2021, 30, 73-94.	0.8	2
87	fMRI assessment of hemispheric language dominance using a simple inner speech paradigm. , 1999, 12, 293.		2
88	Tilted writing after stroke, a sign of biased verticality representation. <i>Annals of Physical and Rehabilitation Medicine</i> , 2020, 63, 85-88.	1.1	1
89	Multimodal assessment of language and memory reorganization: a proof of concept in two patients with drug-resistant temporal lobe epilepsy. <i>Epileptic Disorders</i> , 2019, 21, 411-424.	0.7	1
90	Check out the left! Selective modulation of neuronal communication between visual areas by visual spatial attention. <i>Neurophysiologie Clinique</i> , 2016, 46, 107.	1.0	0