

Diana LÃ³pez-Barroso

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

921
citations

623734

14
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

1289
citing authors

#	ARTICLE	IF	CITATIONS
1	Word learning is mediated by the left arcuate fasciculus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13168-13173.	7.1	228
2	Deletion of lysophosphatidic acid receptor LPA1 reduces neurogenesis in the mouse dentate gyrus. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 342-355.	2.2	108
3	Updating Fearful Memories with Extinction Training during Reconsolidation: A Human Study Using Auditory Aversive Stimuli. <i>PLoS ONE</i> , 2012, 7, e38849.	2.5	103
4	Behavioral phenotype of maLPA₁â€null mice: increased anxietyâ€like behavior and spatial memory deficits. <i>Genes, Brain and Behavior</i> , 2009, 8, 772-784.	2.2	74
5	Language Learning under Working Memory Constraints Correlates with Microstructural Differences in the Ventral Language Pathway. <i>Cerebral Cortex</i> , 2011, 21, 2742-2750.	2.9	68
6	Unraveling the Role of the Hippocampus in Reversal Learning. <i>Journal of Neuroscience</i> , 2017, 37, 6686-6697.	3.6	50
7	Multiple brain networks underpinning word learning from fluent speech revealed by independent component analysis. <i>NeuroImage</i> , 2015, 110, 182-193.	4.2	41
8	Impact of literacy on the functional connectivity of vision and language related networks. <i>NeuroImage</i> , 2020, 213, 116722.	4.2	32
9	Language Learning Variability within the Dorsal and Ventral Streams as a Cue for Compensatory Mechanisms in Aphasia Recovery. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 476.	2.0	22
10	Attentional effects on rule extraction and consolidation from speech. <i>Cognition</i> , 2016, 152, 61-69.	2.2	20
11	Cholinergic Potentiation and Audiovisual Repetition-Imitation Therapy Improve Speech Production and Communication Deficits in a Person with Crossed Aphasia by Inducing Structural Plasticity in White Matter Tracts. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 304.	2.0	19
12	Thinking on Treating Echolalia in Aphasia: Recommendations and Caveats for Future Research Directions. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 164.	2.0	18
13	Plasticity in the Working Memory System: Life Span Changes and Response to Injury. <i>Neuroscientist</i> , 2018, 24, 261-276.	3.5	18
14	Repetitive verbal behaviors are not always harmful signs: Compensatory plasticity within the language network in aphasia. <i>Brain and Language</i> , 2019, 190, 16-30.	1.6	16
15	Language as a Threat: Multimodal Evaluation and Interventions for Overwhelming Linguistic Anxiety in Severe Aphasia. <i>Frontiers in Psychology</i> , 2019, 10, 678.	2.1	13
16	Cognitive and Neural Mechanisms Sustaining Rule Learning From Speech. <i>Language Learning</i> , 2010, 60, 151-187.	2.7	11
17	Atypical language organization in temporal lobe epilepsy revealed by a passive semantic paradigm. <i>BMC Neurology</i> , 2014, 14, 98.	1.8	10
18	Neurocognitive signatures of phonemic sequencing in expert backward speakers. <i>Scientific Reports</i> , 2020, 10, 10621.	3.3	10

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19	Differential activation of a frontoparietal network explains population-level differences in statistical learning from speech. <i>PLoS Biology</i> , 2022, 20, e3001712.	5.6	10
20	Are you a doctor? â€ <i>Are you a doctor? lâ€™m not a doctor!</i> A reappraisal of mitigated echolalia in aphasia with evaluation of neural correlates and treatment approaches. <i>Aphasiology</i> , 2018, 32, 784-813.	2.2	9
21	Spectrum of neuropsychiatric symptoms in chronic post-stroke aphasia. <i>World Journal of Psychiatry</i> , 2022, 12, 450-469.	2.7	9
22	5-HT1A receptor activation counteracted the effect of acute immobilization of noradrenergic neurons in the rat locus coeruleus. <i>Neuroscience Letters</i> , 2007, 412, 84-88.	2.1	8
23	Pharmacotherapy of Traumatic Childhood Aphasia: Beneficial Effects of Donepezil Alone and Combined With Intensive Naming Therapy. <i>Frontiers in Pharmacology</i> , 2020, 11, 1144.	3.5	6
24	Controlling the past, owning the present, and future: cholinergic modulation decreases semantic perseverations in a person with post-stroke aphasia. <i>Aphasiology</i> , 2022, 36, 1293-1311.	2.2	6
25	Pharmacological Treatment of Post-stroke Cognitive Deficits. , 2020, , 465-500.		5
26	Developmental Dynamic Dysphasia: Are Bilateral Brain Abnormalities a Signature of Inefficient Neural Plasticity?. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 73.	2.0	4
27	â€œNeed to Knowâ€or the Strong Urge to Find Names of Unique Entities in Acquired Obsessive-Compulsive Disorder. <i>Cognitive and Behavioral Neurology</i> , 2019, 32, 124-133.	0.9	0
28	Editorial: The Neural Signatures of Plasticity in Developmental and Early Acquired Speech, Language and Reading Disorders. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 771567.	2.0	0