

Antoni RodrÃ- guez-Fornells

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3951457/publications.pdf>

Version: 2024-02-01

236
papers

11,835
citations

18479

62
h-index

43886

91
g-index

242
all docs

242
docs citations

242
times ranked

10301
citing authors

#	ARTICLE	IF	CITATIONS
1	Right ventral stream damage underlies both poststroke aprosodia and amusia. <i>European Journal of Neurology</i> , 2022, 29, 873-882.	3.3	4
2	Inferior fronto-occipital fascicle displacement in temporoinsular gliomas using diffusion tensor imaging. <i>Journal of Neuroimaging</i> , 2022, , .	2.0	4
3	Structural connectivity in ventral language pathways characterizes non-verbal autism. <i>Brain Structure and Function</i> , 2022, 227, 1817-1829.	2.3	4
4	Hippocampal and auditory contributions to speech segmentation. <i>Cortex</i> , 2022, 150, 1-11.	2.4	8
5	The beauty of language structure: A single-case fMRI study of palindrome creation. <i>Journal of Neurolinguistics</i> , 2022, 63, 101086.	1.1	0
6	The forgotten role of absorption in music reward. <i>Annals of the New York Academy of Sciences</i> , 2022, 1514, 142-154.	3.8	8
7	Alpha power decreases associated with prediction in written and spoken sentence comprehension. <i>Neuropsychologia</i> , 2022, 173, 108286.	1.6	8
8	Attenuated brain responses to speech sounds in moderate preterm infants at term age. <i>Developmental Science</i> , 2021, 24, e12990.	2.4	9
9	Signatures of brain plasticity supporting language recovery after perinatal arterial ischemic stroke. <i>Brain and Language</i> , 2021, 212, 104880.	1.6	12
10	Plasticity in bilateral hippocampi after a 3-month physical activity programme in lung cancer patients. <i>European Journal of Neurology</i> , 2021, 28, 1324-1333.	3.3	3
11	Resting-State Network Plasticity Induced by Music Therapy after Traumatic Brain Injury. <i>Neural Plasticity</i> , 2021, 2021, 1-18.	2.2	17
12	Arcuate fasciculus architecture is associated with individual differences in pre-attentive detection of unpredicted music changes. <i>NeuroImage</i> , 2021, 229, 117759.	4.2	14
13	Accelerated long-term forgetting in individuals with subjective cognitive decline and amyloid β^2 positivity. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 1037-1049.	2.7	6
14	Vocal Music Listening Enhances Poststroke Language Network Reorganization. <i>ENeuro</i> , 2021, 8, ENEURO.0158-21.2021.	1.9	18
15	Statistical learning and prosodic bootstrapping differentially affect neural synchronization during speech segmentation. <i>NeuroImage</i> , 2021, 235, 118051.	4.2	11
16	Dopamine modulations of reward-driven music memory consolidation. <i>Annals of the New York Academy of Sciences</i> , 2021, 1502, 85-98.	3.8	17
17	Neural signatures of predictive language processing in Parkinson's disease with and without mild cognitive impairment. <i>Cortex</i> , 2021, 141, 112-127.	2.4	4
18	Designing an app for home-based enriched Music-supported Therapy in the rehabilitation of patients with chronic stroke: a pilot feasibility study. <i>Brain Injury</i> , 2021, 35, 1585-1597.	1.2	7

#	ARTICLE	IF	CITATIONS
19	Oscillatory activity and EEG phase synchrony of concurrent word segmentation and meaning-mapping in 9-year-old children. <i>Developmental Cognitive Neuroscience</i> , 2021, 51, 101010.	4.0	4
20	The interplay between domain-general and domain-specific mechanisms during the time-course of verbal associative learning: An event-related potential study. <i>NeuroImage</i> , 2021, 242, 118443.	4.2	4
21	Enriched Music-supported Therapy for chronic stroke patients: a study protocol of a randomised controlled trial. <i>BMC Neurology</i> , 2021, 21, 19.	1.8	9
22	Inner Speech Brain Mapping. Is It Possible to Map What We Cannot Observe?. , 2021, , 381-409.		0
23	Autobiographical memory in epileptic patients after temporal lobe resection or bitemporal hippocampal sclerosis. <i>Brain Imaging and Behavior</i> , 2020, 14, 1074-1088.	2.1	6
24	Evidence for default mode network dysfunction in borderline personality disorder. <i>Psychological Medicine</i> , 2020, 50, 1746-1754.	4.5	13
25	Music Therapy Enhances Executive Functions and Prefrontal Structural Neuroplasticity after Traumatic Brain Injury: Evidence from a Randomized Controlled Trial. <i>Journal of Neurotrauma</i> , 2020, 37, 618-634.	3.4	40
26	Single Nucleotide Polymorphisms in Thyroid Hormone Transporter Genes MCT8, MCT10 and Deiodinase DIO2 Contribute to Inter-Individual Variance of Executive Functions and Personality Traits. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 573-581.	1.2	5
27	Enriching footsteps sounds in gait rehabilitation in chronic stroke patients: a pilot study. <i>Annals of the New York Academy of Sciences</i> , 2020, 1467, 48-59.	3.8	14
28	Vocal music enhances memory and language recovery after stroke: pooled results from two RCTs. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 2272-2287.	3.7	25
29	The black box of global aphasia: Neuroanatomical underpinnings of remission from acute global aphasia with preserved inner language function. <i>Cortex</i> , 2020, 130, 340-350.	2.4	9
30	The impact of musical pleasure and musical hedonia on verbal episodic memory. <i>Scientific Reports</i> , 2020, 10, 16113.	3.3	20
31	Word Learning in Aphasia. <i>Topics in Language Disorders</i> , 2020, 40, 81-109.	1.0	5
32	Metacognition of daily self-regulation processes and personality traits in borderline personality disorder. <i>Journal of Affective Disorders</i> , 2020, 267, 243-250.	4.1	5
33	Potential benefits of music playing in stroke upper limb motor rehabilitation. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 585-599.	6.1	46
34	White noise facilitates new-word learning from context. <i>Brain and Language</i> , 2019, 199, 104699.	1.6	6
35	Neural architectures of music “ Insights from acquired amusia. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 104-114.	6.1	21
36	Working memory updating training modulates a cascade of event-related potentials depending on task load. <i>Neurobiology of Learning and Memory</i> , 2019, 166, 107085.	1.9	10

#	ARTICLE	IF	CITATIONS
37	Dopamine modulates the reward experiences elicited by music. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3793-3798.	7.1	186
38	White-matter pathways and semantic processing: intrasurgical and lesion-symptom mapping evidence. NeuroImage: Clinical, 2019, 22, 101704.	2.7	42
39	Tau Protein is Associated with Longitudinal Memory Decline in Cognitively Healthy Subjects with Normal Alzheimer's Disease Cerebrospinal Fluid Biomarker Levels. Journal of Alzheimer's Disease, 2019, 70, 211-225.	2.6	10
40	White Matter Microstructure Reflects Individual Differences in Music Reward Sensitivity. Journal of Neuroscience, 2019, 39, 5018-5027.	3.6	57
41	Tracking the microstructural properties of the main white matter pathways underlying speech processing in simultaneous interpreters. NeuroImage, 2019, 191, 518-528.	4.2	12
42	Electrophysiological correlates of feedback processing in subarachnoid hemorrhage patients. NeuroImage: Clinical, 2019, 24, 102075.	2.7	1
43	Ahead of time: Early sentence slow cortical modulations associated to semantic prediction. NeuroImage, 2019, 189, 192-201.	4.2	24
44	Right Structural and Functional Reorganization in Four-Year-Old Children with Perinatal Arterial Ischemic Stroke Predict Language Production. ENeuro, 2019, 6, ENEURO.0447-18.2019.	1.9	19
45	Music-supported therapy in the rehabilitation of subacute stroke patients: a randomized controlled trial. Annals of the New York Academy of Sciences, 2018, 1423, 318-328.	3.8	51
46	Neural signatures for active maintenance and interference during working memory updating. Biological Psychology, 2018, 132, 233-243.	2.2	27
47	The impact of visual art and emotional sounds in specific musical anhedonia. Progress in Brain Research, 2018, 237, 399-413.	1.4	26
48	Theta Coherence Asymmetry in the Dorsal Stream of Musicians Facilitates Word Learning. Scientific Reports, 2018, 8, 4565.	3.3	9
49	Orbitofrontal overactivation in reward processing in borderline personality disorder: the role of non-suicidal self-injury. Brain Imaging and Behavior, 2018, 12, 217-228.	2.1	34
50	Brain functional connectivity in lung cancer population: an exploratory study. Brain Imaging and Behavior, 2018, 12, 369-382.	2.1	26
51	Semantic and phonological schema influence spoken word learning and overnight consolidation. Quarterly Journal of Experimental Psychology, 2018, 71, 1469-1481.	1.1	33
52	Involvement of the middle frontal gyrus in language switching as revealed by electrical stimulation mapping and functional magnetic resonance imaging in bilingual brain tumor patients. Cortex, 2018, 99, 78-92.	2.4	44
53	White-matter structural connectivity predicts short-term melody and rhythm learning in non-musicians. NeuroImage, 2018, 181, 252-262.	4.2	24
54	Abnormalities in gray matter volume in patients with borderline personality disorder and their relation to lifetime depression: A VBM study. PLoS ONE, 2018, 13, e0191946.	2.5	20

#	ARTICLE	IF	CITATIONS
55	Neural Evidence of Hierarchical Cognitive Control during Haptic Processing: An fMRI Study. <i>ENeuro</i> , 2018, 5, ENEURO.0295-18.2018.	1.9	9
56	Intrinsically regulated learning is modulated by synaptic dopamine signaling. <i>ELife</i> , 2018, 7, .	6.0	36
57	The Left, The Better: White-Matter Brain Integrity Predicts Foreign Language Imitation Ability. <i>Cerebral Cortex</i> , 2017, 27, 3906-3917.	2.9	26
58	Words are not enough: nonword repetition as an indicator of arcuate fasciculus integrity during brain tumor resection. <i>Journal of Neurosurgery</i> , 2017, 126, 435-445.	1.6	52
59	Cocaine addiction is associated with abnormal prefrontal function, increased striatal connectivity and sensitivity to monetary incentives, and decreased connectivity outside the human reward circuit. <i>Addiction Biology</i> , 2017, 22, 844-856.	2.6	37
60	Viewing socio-affective stimuli increases connectivity within an extended default mode network. <i>NeuroImage</i> , 2017, 148, 8-19.	4.2	39
61	Relationship between language switching experience and executive functions in bilinguals: an Internet-based study. <i>Journal of Cognitive Psychology</i> , 2017, 29, 404-419.	0.9	25
62	Brain signatures of early lexical and morphological learning of a new language. <i>Neuropsychologia</i> , 2017, 101, 47-56.	1.6	8
63	Cross-situational word learning in aphasia. <i>Cortex</i> , 2017, 93, 12-27.	2.4	19
64	Semantic Congruence Accelerates the Onset of the Neural Signals of Successful Memory Encoding. <i>Journal of Neuroscience</i> , 2017, 37, 291-301.	3.6	36
65	Auditory Target and Novelty Processing in Patients with Unilateral Hippocampal Sclerosis: A Current-Source Density Study. <i>Scientific Reports</i> , 2017, 7, 1612.	3.3	7
66	Unraveling the Role of the Hippocampus in Reversal Learning. <i>Journal of Neuroscience</i> , 2017, 37, 6686-6697.	3.6	50
67	Early Detection of Learning Difficulties when Confronted with Novel Information in Preclinical Alzheimer's Disease Stage 1. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 855-870.	2.6	14
68	Electrophysiological correlates of semantic anticipation during speech comprehension. <i>Neuropsychologia</i> , 2017, 99, 326-334.	1.6	39
69	Enhanced Neonatal Brain Responses To Sung Streams Predict Vocabulary Outcomes By Age 18 Months. <i>Scientific Reports</i> , 2017, 7, 12451.	3.3	26
70	Music-related reward responses predict episodic memory performance. <i>Experimental Brain Research</i> , 2017, 235, 3721-3731.	1.5	33
71	Strength of Temporal White Matter Pathways Predicts Semantic Learning. <i>Journal of Neuroscience</i> , 2017, 37, 11101-11113.	3.6	43
72	Tracting the neural basis of music: Deficient structural connectivity underlying acquired amusia. <i>Cortex</i> , 2017, 97, 255-273.	2.4	25

#	ARTICLE	IF	CITATIONS
73	Neurophysiological evidence for enhanced tactile acuity in early blindness in some but not all haptic tasks. <i>NeuroImage</i> , 2017, 162, 23-31.	4.2	17
74	Functional neural changes associated with acquired amusia across different stages of recovery after stroke. <i>Scientific Reports</i> , 2017, 7, 11390.	3.3	21
75	Exploring the relationship between non suicidal self-injury and borderline personality traits in young adults. <i>Psychiatry Research</i> , 2017, 256, 403-411.	3.3	21
76	Neurophysiological evidence for the interplay of speech segmentation and word-referent mapping during novel word learning. <i>Neuropsychologia</i> , 2017, 98, 56-67.	1.6	36
77	Revisiting the Neural Basis of Acquired Amusia: Lesion Patterns and Structural Changes Underlying Amusia Recovery. <i>Frontiers in Neuroscience</i> , 2017, 11, 426.	2.8	21
78	Time course of motor gains induced by music-supported therapy after stroke: An exploratory case study.. <i>Neuropsychology</i> , 2017, 31, 624-635.	1.3	8
79	Converging Medial Frontal Resting State and Diffusion-Based Abnormalities in Borderline Personality Disorder. <i>Biological Psychiatry</i> , 2016, 79, 107-116.	1.3	57
80	Editorial: Music, Brain, and Rehabilitation: Emerging Therapeutic Applications and Potential Neural Mechanisms. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 103.	2.0	62
81	Decreased Corticospinal Excitability after the Illusion of Missing Part of the Arm. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 145.	2.0	34
82	The Neurological Traces of Look-Alike Avatars. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 392.	2.0	26
83	Age of language acquisition and cortical language organization in multilingual patients undergoing awake brain mapping. <i>Journal of Neurosurgery</i> , 2016, 126, 1912-1923.	1.6	23
84	Neural Basis of Acquired Amusia and Its Recovery after Stroke. <i>Journal of Neuroscience</i> , 2016, 36, 8872-8881.	3.6	53
85	Neural correlates of specific musical anhedonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7337-E7345.	7.1	133
86	Attentional effects on rule extraction and consolidation from speech. <i>Cognition</i> , 2016, 152, 61-69.	2.2	20
87	Headstart for speech segmentation: a neural signature for the anchor word effect. <i>Neuropsychologia</i> , 2016, 82, 189-199.	1.6	10
88	Brain damage following prophylactic cranial irradiation in lung cancer survivors. <i>Brain Imaging and Behavior</i> , 2016, 10, 283-295.	2.1	24
89	Novel word acquisition in aphasia: Facing the word-referent ambiguity of natural language learning contexts. <i>Cortex</i> , 2016, 79, 14-31.	2.4	11
90	Longitudinal Brain Changes Associated with Prophylactic Cranial Irradiation in Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2016, 11, 475-486.	1.1	47

#	ARTICLE	IF	CITATIONS
91	Language learning and brain reorganization in a 3.5-year-old child with left perinatal stroke revealed using structural and functional connectivity. <i>Cortex</i> , 2016, 77, 95-118.	2.4	25
92	Music supported therapy promotes motor plasticity in individuals with chronic stroke. <i>Brain Imaging and Behavior</i> , 2016, 10, 1289-1307.	2.1	87
93	Structural neuroplasticity in expert pianists depends on the age of musical training onset. <i>NeuroImage</i> , 2016, 126, 106-119.	4.2	109
94	Violating body movement semantics: Neural signatures of self-generated and external-generated errors. <i>NeuroImage</i> , 2016, 124, 147-156.	4.2	103
95	Intrinsic monitoring of learning success facilitates memory encoding via the activation of the SN/VTA-Hippocampal loop. <i>ELife</i> , 2016, 5, .	6.0	56
96	The neural correlates of motion-induced shifts in reaching. <i>Psychophysiology</i> , 2015, 52, 1577-1589.	2.4	1
97	The speed of object recognition from a haptic glance: event-related potential evidence. <i>Journal of Neurophysiology</i> , 2015, 113, 3069-3075.	1.8	7
98	Studying Memory Encoding to Promote Reliable Engagement of the Medial Temporal Lobe at the Single-Subject Level. <i>PLoS ONE</i> , 2015, 10, e0119159.	2.5	7
99	Preserved Error-Monitoring in Borderline Personality Disorder Patients with and without Non-Suicidal Self-Injury Behaviors. <i>PLoS ONE</i> , 2015, 10, e0143994.	2.5	15
100	Musical training as an alternative and effective method for neuro-education and neuro-rehabilitation. <i>Frontiers in Psychology</i> , 2015, 6, 475.	2.1	47
101	Prosodic cues enhance rule learning by changing speech segmentation mechanisms. <i>Frontiers in Psychology</i> , 2015, 6, 1478.	2.1	17
102	Interhemispheric microstructural connectivity in bitemporal lobe epilepsy with hippocampal sclerosis. <i>Cortex</i> , 2015, 67, 106-121.	2.4	33
103	Morphological derivation overflow as a result of disruption of the left frontal aslant white matter tract. <i>Brain and Language</i> , 2015, 142, 54-64.	1.6	56
104	Multiple brain networks underpinning word learning from fluent speech revealed by independent component analysis. <i>NeuroImage</i> , 2015, 110, 182-193.	4.2	41
105	Long-term use of psychedelic drugs is associated with differences in brain structure and personality in humans. <i>European Neuropsychopharmacology</i> , 2015, 25, 483-492.	0.7	145
106	Individual differences in error tolerance in humans: Neurophysiological evidences. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 808-821.	2.0	2
107	Microstructure of the superior longitudinal fasciculus predicts stimulation-induced interference with on-line motor control. <i>NeuroImage</i> , 2015, 120, 254-265.	4.2	25
108	Exogenous capture of medial frontal oscillatory mechanisms by unattended conflicting information. <i>Neuropsychologia</i> , 2015, 75, 458-468.	1.6	23

#	ARTICLE	IF	CITATIONS
109	Beta oscillations and reward processing: Coupling oscillatory activity and hemodynamic responses. <i>NeuroImage</i> , 2015, 119, 13-19.	4.2	57
110	Speech segmentation in aphasia. <i>Aphasiology</i> , 2015, 29, 724-743.	2.2	17
111	Electrical stimulation mapping of nouns and verbs in Broca's area. <i>Brain and Language</i> , 2015, 145-146, 53-63.	1.6	37
112	Neurophysiological correlates of cognitive flexibility and feedback processing in violent juvenile offenders. <i>Brain Research</i> , 2015, 1610, 98-109.	2.2	22
113	Cognitive and Brain Structural Changes in a Lung Cancer Population. <i>Journal of Thoracic Oncology</i> , 2015, 10, 38-45.	1.1	79
114	Telling true from false: cannabis users show increased susceptibility to false memories. <i>Molecular Psychiatry</i> , 2015, 20, 772-777.	7.9	30
115	Morphological learning in a novel language: A cross-language comparison. <i>Quarterly Journal of Experimental Psychology</i> , 2015, 68, 1426-1441.	1.1	10
116	The role of high-frequency oscillatory activity in reward processing and learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 49, 1-7.	6.1	109
117	Structural Changes Induced by Daily Music Listening in the Recovering Brain after Middle Cerebral Artery Stroke: A Voxel-Based Morphometry Study. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 245.	2.0	114
118	Linking motor-related brain potentials and velocity profiles in multi-joint arm reaching movements. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 271.	2.0	6
119	Neurophysiological correlates of error monitoring and inhibitory processing in juvenile violent offenders. <i>Biological Psychology</i> , 2014, 102, 141-152.	2.2	33
120	Mapping concrete and abstract meanings to new words using verbal contexts. <i>Second Language Research</i> , 2014, 30, 191-223.	2.0	32
121	Language recovery and evidence of residual deficits after nonthalamic subcortical stroke: A 1-year follow-up study. <i>Journal of Neurolinguistics</i> , 2014, 32, 16-30.	1.1	5
122	Hidden word learning capacity through orthography in aphasia. <i>Cortex</i> , 2014, 50, 174-191.	2.4	30
123	A threat to a virtual hand elicits motor cortex activation. <i>Experimental Brain Research</i> , 2014, 232, 875-887.	1.5	97
124	Dissociation between Musical and Monetary Reward Responses in Specific Musical Anhedonia. <i>Current Biology</i> , 2014, 24, 699-704.	3.9	132
125	The Role of Reward in Word Learning and Its Implications for Language Acquisition. <i>Current Biology</i> , 2014, 24, 2606-2611.	3.9	127
126	Overactivation of the supplementary motor area in chronic stroke patients. <i>Journal of Neurophysiology</i> , 2014, 112, 2251-2263.	1.8	12

#	ARTICLE	IF	CITATIONS
127	Tracking explicit and implicit long-lasting traces of fearful memories in humans. <i>Neurobiology of Learning and Memory</i> , 2014, 116, 96-104.	1.9	7
128	ERP evidence of adaptive changes in error processing and attentional control during rhythm synchronization learning. <i>NeuroImage</i> , 2014, 100, 460-470.	4.2	10
129	Atypical language organization in temporal lobe epilepsy revealed by a passive semantic paradigm. <i>BMC Neurology</i> , 2014, 14, 98.	1.8	10
130	White matter changes in preclinical Alzheimer's disease: a magnetic resonance imaging-diffusion tensor imaging study on cognitively normal older people with positive amyloid β^2 protein 42 levels. <i>Neurobiology of Aging</i> , 2014, 35, 2671-2680.	3.1	72
131	Electrophysiological Signatures of Reward Processing in Anhedonia. , 2014, , 245-278.		2
132	Neurophysiological differences in reward processing in anhedonics. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 102-115.	2.0	46
133	Negative reward expectations in Borderline Personality Disorder patients: Neurophysiological evidence. <i>Biological Psychology</i> , 2013, 94, 388-396.	2.2	30
134	Hippocampus-Dependent Strengthening of Targeted Memories via Reactivation during Sleep in Humans. <i>Current Biology</i> , 2013, 23, 1769-1775.	3.9	81
135	Learning-induced modulations of the stimulus-preceding negativity. <i>Psychophysiology</i> , 2013, 50, 931-939.	2.4	57
136	Construct Validity of ADHD/ODD Rating Scales: Recommendations for the Evaluation of Forthcoming DSM-V ADHD/ODD Scales. <i>Journal of Abnormal Child Psychology</i> , 2013, 41, 15-26.	3.5	35
137	Intraoperative electrical stimulation of language switching in two bilingual patients. <i>Neuropsychologia</i> , 2013, 51, 2882-2892.	1.6	31
138	Tracking post-error adaptation in the motor system by transcranial magnetic stimulation. <i>Neuroscience</i> , 2013, 250, 342-351.	2.3	17
139	Chemobrain: A systematic review of structural and functional neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1311-1321.	6.1	152
140	Electrophysiological correlates of anticipating improbable but desired events. <i>NeuroImage</i> , 2013, 78, 135-144.	4.2	54
141	Acute effects of ayahuasca on neuropsychological performance: differences in executive function between experienced and occasional users. <i>Psychopharmacology</i> , 2013, 230, 415-424.	3.1	71
142	Individual Differences in Music Reward Experiences. <i>Music Perception</i> , 2013, 31, 118-138.	1.1	213
143	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
144	Plasticity in the sensorimotor cortex induced by Music-supported therapy in stroke patients: a TMS study. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 494.	2.0	60

#	ARTICLE	IF	CITATIONS
145	Sensorimotor Plasticity after Music-Supported Therapy in Chronic Stroke Patients Revealed by Transcranial Magnetic Stimulation. PLoS ONE, 2013, 8, e61883.	2.5	75
146	Feedback-related Brain Potential Activity Complies with Basic Assumptions of Associative Learning Theory. Journal of Cognitive Neuroscience, 2012, 24, 794-808.	2.3	43
147	Prognostic value of cortically induced motor evoked activity by TMS in chronic stroke: Caveats from a revealing single clinical case. BMC Neurology, 2012, 12, 35.	1.8	8
148	Analysis of automated methods for spatial normalization of lesioned brains. NeuroImage, 2012, 60, 1296-1306.	4.2	133
149	The role of beta-gamma oscillations in unexpected rewards processing. NeuroImage, 2012, 60, 1678-1685.	4.2	119
150	Updating Fearful Memories with Extinction Training during Reconsolidation: A Human Study Using Auditory Aversive Stimuli. PLoS ONE, 2012, 7, e38849.	2.5	103
151	Brain oscillatory activity associated with task switching and feedback processing. Cognitive, Affective and Behavioral Neuroscience, 2012, 12, 16-33.	2.0	90
152	Brain potentials for derivational morphology: An ERP study of deadjectival nominalizations in Spanish. Brain and Language, 2012, 120, 332-344.	1.6	18
153	The involvement of audio-motor coupling in the music-supported therapy applied to stroke patients. Annals of the New York Academy of Sciences, 2012, 1252, 282-293.	3.8	114
154	Differences in word recognition between early bilinguals and monolinguals: Behavioral and ERP evidence. Neuropsychologia, 2012, 50, 1362-1371.	1.6	39
155	Processing Verb Medial Word Orders in a Verb Final Language. Studies in Theoretical Psycholinguistics, 2012, , 217-237.	0.3	49
156	The Role of Executive Functions in the Control of Aggressive Behavior. Frontiers in Psychology, 2011, 2, 152.	2.1	22
157	Is There a Relationship between Language Switching and Executive Functions in Bilingualism? Introducing a within group Analysis Approach. Frontiers in Psychology, 2011, 2, 183.	2.1	172
158	A Potential Role for a Genetic Variation of AKAP5 in Human Aggression and Anger Control. Frontiers in Human Neuroscience, 2011, 5, 175.	2.0	23
159	On the number of trials needed for a stable feedback-related negativity. Psychophysiology, 2011, 48, 852-860.	2.4	129
160	A neurophysiological analysis of working memory in amyotrophic lateral sclerosis. Brain Research, 2011, 1421, 90-99.	2.2	27
161	Two distinct neural networks support the mapping of meaning to a novel word. Human Brain Mapping, 2011, 32, 1081-1090.	3.6	22
162	Brain Dynamics Sustaining Rapid Rule Extraction from Speech. Journal of Cognitive Neuroscience, 2011, 23, 3105-3120.	2.3	35

#	ARTICLE	IF	CITATIONS
163	Music-Supported Therapy induces plasticity in the sensorimotor cortex in chronic stroke: A single-case study using multimodal imaging (fMRI-TMS). <i>Brain Injury</i> , 2011, 25, 787-793.	1.2	87
164	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
165	Self-Assessment of Individual Differences in Language Switching. <i>Frontiers in Psychology</i> , 2011, 2, 388.	2.1	108
166	Individual differences in control of language interference in late bilinguals are mainly related to general executive abilities. <i>Behavioral and Brain Functions</i> , 2010, 6, 5.	3.3	137
167	Bridging the gap between speech segmentation and word-to-world mappings: Evidence from an audiovisual statistical learning task. <i>Journal of Memory and Language</i> , 2010, 63, 295-305.	2.1	31
168	Contributions to the Functional Neuroanatomy of Morphosyntactic Processing in L2. <i>Language Learning</i> , 2010, 60, 231-259.	2.7	4
169	The Effects of COMT (Val108/158Met) and DRD4 (SNP -521) Dopamine Genotypes on Brain Activations Related to Valence and Magnitude of Rewards. <i>Cerebral Cortex</i> , 2010, 20, 1985-1996.	2.9	78
170	Music-Supported Training is More Efficient than Functional Motor Training for Recovery of Fine Motor Skills in Stroke Patients. <i>Music Perception</i> , 2010, 27, 271-280.	1.1	88
171	Speech segmentation is facilitated by visual cues. <i>Quarterly Journal of Experimental Psychology</i> , 2010, 63, 260-274.	1.1	51
172	Microstructural Brain Differences Predict Functional Hemodynamic Responses in a Reward Processing Task. <i>Journal of Neuroscience</i> , 2010, 30, 11398-11402.	3.6	64
173	Neurophysiological markers of novelty processing are modulated by COMT and DRD4 genotypes. <i>NeuroImage</i> , 2010, 53, 962-969.	4.2	34
174	Neural differences in the mapping of verb and noun concepts onto novel words. <i>NeuroImage</i> , 2010, 49, 2826-2835.	4.2	43
175	Words as Anchors. <i>Experimental Psychology</i> , 2010, 57, 134-141.	0.7	21
176	Reward networks in the brain as captured by connectivity measures. <i>Frontiers in Neuroscience</i> , 2009, 3, 350-362.	2.8	96
177	Individual Differences in True and False Memory Retrieval Are Related to White Matter Brain Microstructure. <i>Journal of Neuroscience</i> , 2009, 29, 8698-8703.	3.6	64
178	Functional Neuroanatomy of Contextual Acquisition of Concrete and Abstract Words. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2154-2171.	2.3	47
179	Understanding Trait and Sources Effects in Attention Deficit Hyperactivity Disorder and Oppositional Defiant Disorder Rating Scales: Mothers', Fathers', and Teachers' Ratings of Children From the Balearic Islands. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2009, 39, 1-11.	3.4	15
180	Neurophysiological mechanisms involved in language learning in adults. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 3711-3735.	4.0	159

#	ARTICLE	IF	CITATIONS
181	ADHD candidate gene (DRD4 exon III) affects inhibitory control in a healthy sample. BMC Neuroscience, 2009, 10, 150.	1.9	36
182	Syntactic complexity and ambiguity resolution in a free word order language: Behavioral and electrophysiological evidences from Basque. Brain and Language, 2009, 109, 1-17.	1.6	74
183	Genetic Variability in the Dopamine System (Dopamine Receptor D4, Catechol-O-Methyltransferase) Modulates Neurophysiological Responses to Gains and Losses. Biological Psychiatry, 2009, 66, 154-161.	1.3	82
184	Time course and functional neuroanatomy of speech segmentation in adults. NeuroImage, 2009, 48, 541-553.	4.2	121
185	Human oscillatory activity associated to reward processing in a gambling task. Neuropsychologia, 2008, 46, 241-248.	1.6	226
186	Beneficial effects of word final stress in segmenting a new language: evidence from ERPs. BMC Neuroscience, 2008, 9, 23.	1.9	24
187	Functional Neuroanatomy of Meaning Acquisition from Context. Journal of Cognitive Neuroscience, 2008, 20, 2153-2166.	2.3	98
188	Event-related potentials (ERPs) in the study of bilingual language processing. Journal of Neurolinguistics, 2008, 21, 477-508.	1.1	103
189	Brain potentials reveal the role of conflict in human errorful and errorless learning. Neuroscience Letters, 2008, 444, 64-68.	2.1	12
190	Neural Mechanisms Underlying Adaptive Actions after Slips. Journal of Cognitive Neuroscience, 2008, 20, 1595-1610.	2.3	139
191	Functional connectivity of reward processing in the brain. Frontiers in Human Neuroscience, 2008, 2, 19.	2.0	110
192	Watching the Brain during Meaning Acquisition. Cerebral Cortex, 2007, 17, 1858-1866.	2.9	175
193	Age-related water diffusion changes in human brain: A voxel-based approach. NeuroImage, 2007, 34, 1588-1599.	4.2	77
194	The Impact of Catechol-<i>O</i>-Methyltransferase and Dopamine D4 Receptor Genotypes on Neurophysiological Markers of Performance Monitoring. Journal of Neuroscience, 2007, 27, 14190-14198.	3.6	113
195	Different Neurophysiological Mechanisms Underlying Word and Rule Extraction from Speech. PLoS ONE, 2007, 2, e1175.	2.5	115
196	An fMRI study of canonical and noncanonical word order in German. Human Brain Mapping, 2007, 28, 940-949.	3.6	43
197	Recognition of morphologically complex words in Finnish: Evidence from event-related potentials. Brain Research, 2007, 1148, 123-137.	2.2	61
198	Executive Control in Bilingual Language Processing. Language Learning, 2006, 56, 133-190.	2.7	141

#	ARTICLE	IF	CITATIONS
199	Acquiescent Responding in Balanced Multidimensional Scales and Exploratory Factor Analysis. <i>Psychometrika</i> , 2006, 71, 769-777.	2.1	16
200	Stem allomorphy in the Spanish mental lexicon: Evidence from behavioral and ERP experiments. <i>Brain and Language</i> , 2006, 97, 110-120.	1.6	33
201	The effects of stress and statistical cues on continuous speech segmentation: An event-related brain potential study. <i>Brain Research</i> , 2006, 1123, 168-178.	2.2	99
202	Neural circuits subserving the retrieval of stems and grammatical features in regular and irregular verbs. <i>Human Brain Mapping</i> , 2006, 27, 874-888.	3.6	43
203	What the Brain Does before the Tongue Slips. <i>Cerebral Cortex</i> , 2006, 17, 1173-1178.	2.9	79
204	First- and Second-language Phonological Representations in the Mental Lexicon. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1277-1291.	2.3	91
205	Morphological processing in early bilinguals: An ERP study of regular and irregular verb processing. <i>Cognitive Brain Research</i> , 2005, 25, 312-327.	3.0	38
206	A neurophysiological study of the detrimental effects of alprazolam on human action monitoring. <i>Cognitive Brain Research</i> , 2005, 25, 554-565.	3.0	57
207	Noradrenergic Stimulation Enhances Human Action Monitoring. <i>Journal of Neuroscience</i> , 2005, 25, 4370-4374.	3.6	74
208	Brain potentials related to self-generated and external information used for performance monitoring. <i>Clinical Neurophysiology</i> , 2005, 116, 63-74.	1.5	137
209	Second Language Interferes with Word Production in Fluent Bilinguals: Brain Potential and Functional Imaging Evidence. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 422-433.	2.3	206
210	Electrophysiological studies of speech production. , 2004, , 361-396.		2
211	An electrophysiological study of errorless learning. <i>Cognitive Brain Research</i> , 2004, 19, 160-173.	3.0	27
212	Brain potentials index executive functions during random number generation. <i>Neuroscience Research</i> , 2004, 49, 157-164.	1.9	28
213	Functional lesions and human action monitoring: combining repetitive transcranial magnetic stimulation and event-related brain potentials. <i>Clinical Neurophysiology</i> , 2004, 115, 145-153.	1.5	38
214	The fate of sounds in conductorsâ€™ brains: an ERP study. <i>Cognitive Brain Research</i> , 2003, 17, 83-93.	3.0	80
215	Diagnostic potential of acoustic startle reflex, acoustic blink reflex, and electro-oculography in progressive supranuclear palsy: A prospective study. <i>Movement Disorders</i> , 2003, 18, 1273-1279.	3.9	27
216	The five-factor personality inventory: cross-cultural generalizability across 13 countries. <i>European Journal of Personality</i> , 2003, 17, 347-373.	3.1	84

#	ARTICLE	IF	CITATIONS
217	Imaging bilinguals: When the neurosciences meet the language sciences. <i>Bilingualism</i> , 2003, 6, 159-165.	1.3	27
218	Morphological Priming in Spanish Verb Forms: An ERP Repetition Priming Study. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 443-454.	2.3	62
219	Motor Circuitry Re-organization After Pallidotomy in Parkinson Disease. <i>Journal of Clinical Neurophysiology</i> , 2002, 19, 553-561.	1.7	10
220	Time Course of Error Detection and Correction in Humans: Neurophysiological Evidence. <i>Journal of Neuroscience</i> , 2002, 22, 9990-9996.	3.6	168
221	Electrophysiological estimates of the time course of semantic and phonological encoding during listening and naming. <i>Neuropsychologia</i> , 2002, 40, 778-787.	1.6	99
222	Are high-impulsive and high risk-taking people more motor disinhibited in the presence of incentive?. <i>Personality and Individual Differences</i> , 2002, 32, 661-683.	2.9	28
223	Effects of ayahuasca on sensory and sensorimotor gating in humans as measured by P50 suppression and prepulse inhibition of the startle reflex, respectively. <i>Psychopharmacology</i> , 2002, 165, 18-28.	3.1	61
224	Brain potential and functional MRI evidence for how to handle two languages with one brain. <i>Nature</i> , 2002, 415, 1026-1029.	27.8	253
225	Psychometric assessment of the Hallucinogen Rating Scale†. <i>Drug and Alcohol Dependence</i> , 2001, 62, 215-223.	3.2	67
226	Electrophysiological estimates of semantic and syntactic information access during tacit picture naming and listening to words. <i>Neuroscience Research</i> , 2001, 41, 293-298.	1.9	75
227	Event-related brain responses to morphological violations in Catalan. <i>Cognitive Brain Research</i> , 2001, 11, 47-58.	3.0	87
228	Subjective effects and tolerability of the South American psychoactive beverage Ayahuasca in healthy volunteers. <i>Psychopharmacology</i> , 2001, 154, 85-95.	3.1	235
229	Differential effects of alprazolam on the baseline and fear-potentiated startle reflex in humans: a dose-response study. <i>Psychopharmacology</i> , 2001, 157, 358-367.	3.1	54
230	Psychometric Properties of the Spanish Adaptation of the Five Factor Personality Inventory. <i>European Journal of Psychological Assessment</i> , 2001, 17, 145-153.	3.0	25
231	Psychometric properties of the Spanish adaptation of the Social Problem-Solving Inventory-Revised (SPSI-R). <i>Personality and Individual Differences</i> , 2000, 29, 699-708.	2.9	45
232	Impulsive/careless problem solving style as predictor of subsequent academic achievement. <i>Personality and Individual Differences</i> , 2000, 28, 639-645.	2.9	27
233	Abnormalities of the acoustic startle reflex and reaction time in Gilles de la Tourette syndrome. <i>Clinical Neurophysiology</i> , 2000, 111, 1366-1371.	1.5	25
234	One, two, or many mechanisms? The brain's processing of complex words. <i>Behavioral and Brain Sciences</i> , 1999, 22, 1031-1032.	0.7	6

#	ARTICLE	IF	CITATIONS
235	Effects of alprazolam on the acoustic startle response in humans. <i>Psychopharmacology</i> , 1999, 143, 280-285.	3.1	38
236	Chapter 10. Syntactic interference in bilingual naming during language switching. <i>Bilingual Processing and Acquisition</i> , 0, , 239-270.	0.4	3