

# Antoni Rodrguez-Fornells

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

234  
papers

8,928  
citations

56  
h-index

81  
g-index

242  
ext. papers

10,513  
ext. citations

4.6  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
234	Structural connectivity in ventral language pathways characterizes non-verbal autism.. <i>Brain Structure and Function</i> , <b>2022</b> , 1	4	1
233	Hippocampal and auditory contributions to speech segmentation.. <i>Cortex</i> , <b>2022</b> , 150, 1-11	3.8	0
232	The beauty of language structure: A single-case fMRI study of palindrome creation. <i>Journal of Neurolinguistics</i> , <b>2022</b> , 63, 101086	1.9	
231	Alpha power decreases associated with prediction in written and spoken sentence comprehension. <i>Neuropsychologia</i> , <b>2022</b> , 108286	3.2	1
230	Resting-State Network Plasticity Induced by Music Therapy after Traumatic Brain Injury. <i>Neural Plasticity</i> , <b>2021</b> , 2021, 6682471	3.3	3
229	Arcuate fasciculus architecture is associated with individual differences in pre-attentive detection of unpredicted music changes. <i>NeuroImage</i> , <b>2021</b> , 229, 117759	7.9	4
228	Accelerated long-term forgetting in individuals with subjective cognitive decline and amyloid- $\beta$ positivity. <i>International Journal of Geriatric Psychiatry</i> , <b>2021</b> , 36, 1037-1049	3.9	2
227	Vocal music listening enhances post-stroke language network reorganization. <i>ENeuro</i> , <b>2021</b> ,	3.9	3
226	Attenuated brain responses to speech sounds in moderate preterm infants at term age. <i>Developmental Science</i> , <b>2021</b> , 24, e12990	4.5	1
225	Signatures of brain plasticity supporting language recovery after perinatal arterial ischemic stroke. <i>Brain and Language</i> , <b>2021</b> , 212, 104880	2.9	7
224	Plasticity in bilateral hippocampi after a 3-month physical activity programme in lung cancer patients. <i>European Journal of Neurology</i> , <b>2021</b> , 28, 1324-1333	6	1
223	Statistical learning and prosodic bootstrapping differentially affect neural synchronization during speech segmentation. <i>NeuroImage</i> , <b>2021</b> , 235, 118051	7.9	3
222	Dopamine modulations of reward-driven music memory consolidation. <i>Annals of the New York Academy of Sciences</i> , <b>2021</b> , 1502, 85-98	6.5	3
221	Neural signatures of predictive language processing in Parkinson's disease with and without mild cognitive impairment. <i>Cortex</i> , <b>2021</b> , 141, 112-127	3.8	2
220	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> , <b>2021</b> , 1-13	2.1	3
219	Oscillatory activity and EEG phase synchrony of concurrent word segmentation and meaning-mapping in 9-year-old children. <i>Developmental Cognitive Neuroscience</i> , <b>2021</b> , 51, 101010	5.5	1
218	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> , <b>2021</b> , 242, 118443	7.9	1

217	Enriched Music-supported Therapy for chronic stroke patients: a study protocol of a randomised controlled trial. <i>BMC Neurology</i> , <b>2021</b> , 21, 19	3.1	3
216	Inner Speech Brain Mapping. Is It Possible to Map What We Cannot Observe? <b>2021</b> , 381-409		
215	WORD LEARNING IN APHASIA: TREATMENT IMPLICATIONS AND STRUCTURAL CONNECTIVITY ANALYSES. <i>Topics in Language Disorders</i> , <b>2020</b> , 40, 81-109	1.3	1
214	Metacognition of daily self-regulation processes and personality traits in borderline personality disorder. <i>Journal of Affective Disorders</i> , <b>2020</b> , 267, 243-250	6.6	3
213	Potential benefits of music playing in stroke upper limb motor rehabilitation. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2020</b> , 112, 585-599	9	27
212	Music Therapy Enhances Executive Functions and Prefrontal Structural Neuroplasticity after Traumatic Brain Injury: Evidence from a Randomized Controlled Trial. <i>Journal of Neurotrauma</i> , <b>2020</b> , 37, 618-634	5.4	12
211	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> , <b>2020</b> , 128, 573-581	2.3	1
210	Enriching footsteps sounds in gait rehabilitation in chronic stroke patients: a pilot study. <i>Annals of the New York Academy of Sciences</i> , <b>2020</b> , 1467, 48-59	6.5	4
209	Vocal music enhances memory and language recovery after stroke: pooled results from two RCTs. <i>Annals of Clinical and Translational Neurology</i> , <b>2020</b> , 7, 2272-2287	5.3	6
208	The black box of global aphasia: Neuroanatomical underpinnings of remission from acute global aphasia with preserved inner language function. <i>Cortex</i> , <b>2020</b> , 130, 340-350	3.8	3
207	The impact of musical pleasure and musical hedonia on verbal episodic memory. <i>Scientific Reports</i> , <b>2020</b> , 10, 16113	4.9	7
206	Autobiographical memory in epileptic patients after temporal lobe resection or bitemporal hippocampal sclerosis. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 1074-1088	4.1	5
205	Evidence for default mode network dysfunction in borderline personality disorder. <i>Psychological Medicine</i> , <b>2020</b> , 50, 1746-1754	6.9	6
204	Neural architectures of music - Insights from acquired amusia. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2019</b> , 107, 104-114	9	10
203	Working memory updating training modulates a cascade of event-related potentials depending on task load. <i>Neurobiology of Learning and Memory</i> , <b>2019</b> , 166, 107085	3.1	6
202	Dopamine modulates the reward experiences elicited by music. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 3793-3798	11.5	88
201	White-matter pathways and semantic processing: intrasurgical and lesion-symptom mapping evidence. <i>NeuroImage: Clinical</i> , <b>2019</b> , 22, 101704	5.3	27
200	Tau Protein is Associated with Longitudinal Memory Decline in Cognitively Healthy Subjects with Normal Alzheimer's Disease Cerebrospinal Fluid Biomarker Levels. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 70, 211-225	4.3	6

199	White Matter Microstructure Reflects Individual Differences in Music Reward Sensitivity. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 5018-5027	6.6	26
198	Tracking the microstructural properties of the main white matter pathways underlying speech processing in simultaneous interpreters. <i>NeuroImage</i> , <b>2019</b> , 191, 518-528	7.9	5
197	White noise facilitates new-word learning from context. <i>Brain and Language</i> , <b>2019</b> , 199, 104699	2.9	0
196	Right Structural and Functional Reorganization in Four-Year-Old Children with Perinatal Arterial Ischemic Stroke Predict Language Production. <i>ENeuro</i> , <b>2019</b> , 6,	3.9	8
195	Electrophysiological correlates of feedback processing in subarachnoid hemorrhage patients. <i>NeuroImage: Clinical</i> , <b>2019</b> , 24, 102075	5.3	0
194	Ahead of time: Early sentence slow cortical modulations associated to semantic prediction. <i>NeuroImage</i> , <b>2019</b> , 189, 192-201	7.9	9
193	Music-supported therapy in the rehabilitation of subacute stroke patients: a randomized controlled trial. <i>Annals of the New York Academy of Sciences</i> , <b>2018</b> , 1423, 318	6.5	30
192	Neural signatures for active maintenance and interference during working memory updating. <i>Biological Psychology</i> , <b>2018</b> , 132, 233-243	3.2	18
191	The impact of visual art and emotional sounds in specific musical anhedonia. <i>Progress in Brain Research</i> , <b>2018</b> , 237, 399-413	2.9	10
190	Theta Coherence Asymmetry in the Dorsal Stream of Musicians Facilitates Word Learning. <i>Scientific Reports</i> , <b>2018</b> , 8, 4565	4.9	7
189	Orbitofrontal overactivation in reward processing in borderline personality disorder: the role of non-suicidal self-injury. <i>Brain Imaging and Behavior</i> , <b>2018</b> , 12, 217-228	4.1	20
188	Brain functional connectivity in lung cancer population: an exploratory study. <i>Brain Imaging and Behavior</i> , <b>2018</b> , 12, 369-382	4.1	22
187	Semantic and phonological schema influence spoken word learning and overnight consolidation. <i>Quarterly Journal of Experimental Psychology</i> , <b>2018</b> , 71, 1469-1481	1.8	19
186	White-matter structural connectivity predicts short-term melody and rhythm learning in non-musicians. <i>NeuroImage</i> , <b>2018</b> , 181, 252-262	7.9	14
185	Abnormalities in gray matter volume in patients with borderline personality disorder and their relation to lifetime depression: A VBM study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191946	3.7	15
184	Neural Evidence of Hierarchical Cognitive Control during Haptic Processing: An fMRI Study. <i>ENeuro</i> , <b>2018</b> , 5,	3.9	7
183	Intrinsically regulated learning is modulated by synaptic dopamine signaling. <i>ELife</i> , <b>2018</b> , 7,	8.9	20
182	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. <i>Cortex</i> , <b>2018</b> , 99, 78-92	3.8	30

181	Words are not enough: nonword repetition as an indicator of arcuate fasciculus integrity during brain tumor resection. <i>Journal of Neurosurgery</i> , <b>2017</b> , 126, 435-445	3.2	35
180	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> , <b>2017</b> , 22, 844-856	4.6	23
179	Viewing socio-affective stimuli increases connectivity within an extended default mode network. <i>NeuroImage</i> , <b>2017</b> , 148, 8-19	7.9	28
178	Relationship between language switching experience and executive functions in bilinguals: an Internet-based study** The research was conducted at the Abo Akademi University, Finland.View all notes. <i>Journal of Cognitive Psychology</i> , <b>2017</b> , 29, 404-419	0.9	20
177	Brain signatures of early lexical and morphological learning of a new language. <i>Neuropsychologia</i> , <b>2017</b> , 101, 47-56	3.2	6
176	Cross-situational word learning in aphasia. <i>Cortex</i> , <b>2017</b> , 93, 12-27	3.8	6
175	Semantic Congruence Accelerates the Onset of the Neural Signals of Successful Memory Encoding. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 291-301	6.6	23
174	Auditory Target and Novelty Processing in Patients with Unilateral Hippocampal Sclerosis: A Current-Source Density Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 1612	4.9	3
173	Unraveling the Role of the Hippocampus in Reversal Learning. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 6686-6697	6.9	28
172	Early Detection of Learning Difficulties when Confronted with Novel Information in Preclinical Alzheimer's Disease Stage 1. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 58, 855-870	4.3	12
171	Electrophysiological correlates of semantic anticipation during speech comprehension. <i>Neuropsychologia</i> , <b>2017</b> , 99, 326-334	3.2	18
170	Enhanced Neonatal Brain Responses To Sung Streams Predict Vocabulary Outcomes By Age 18 Months. <i>Scientific Reports</i> , <b>2017</b> , 7, 12451	4.9	18
169	Music-related reward responses predict episodic memory performance. <i>Experimental Brain Research</i> , <b>2017</b> , 235, 3721-3731	2.3	19
168	Strength of Temporal White Matter Pathways Predicts Semantic Learning. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 11101-11113	6.6	28
167	Tracting the neural basis of music: Deficient structural connectivity underlying acquired amusia. <i>Cortex</i> , <b>2017</b> , 97, 255-273	3.8	20
166	Age of language acquisition and cortical language organization in multilingual patients undergoing awake brain mapping. <i>Journal of Neurosurgery</i> , <b>2017</b> , 126, 1912-1923	3.2	18
165	The Left, The Better: White-Matter Brain Integrity Predicts Foreign Language Imitation Ability. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 3906-3917	5.1	18
164	Neurophysiological evidence for enhanced tactile acuity in early blindness in some but not all haptic tasks. <i>NeuroImage</i> , <b>2017</b> , 162, 23-31	7.9	7

163	Functional neural changes associated with acquired amusia across different stages of recovery after stroke. <i>Scientific Reports</i> , <b>2017</b> , 7, 11390	4.9	14
162	Exploring the relationship between non suicidal self-injury and borderline personality traits in young adults. <i>Psychiatry Research</i> , <b>2017</b> , 256, 403-411	9.9	13
161	Neurophysiological evidence for the interplay of speech segmentation and word-referent mapping during novel word learning. <i>Neuropsychologia</i> , <b>2017</b> , 98, 56-67	3.2	23
160	Revisiting the Neural Basis of Acquired Amusia: Lesion Patterns and Structural Changes Underlying Amusia Recovery. <i>Frontiers in Neuroscience</i> , <b>2017</b> , 11, 426	5.1	13
159	Time course of motor gains induced by music-supported therapy after stroke: An exploratory case study. <i>Neuropsychology</i> , <b>2017</b> , 31, 624-635	3.8	6
158	Violating body movement semantics: Neural signatures of self-generated and external-generated errors. <i>NeuroImage</i> , <b>2016</b> , 124, 147-156	7.9	67
157	Converging Medial Frontal Resting State and Diffusion-Based Abnormalities in Borderline Personality Disorder. <i>Biological Psychiatry</i> , <b>2016</b> , 79, 107-16	7.9	40
156	Neural Basis of Acquired Amusia and Its Recovery after Stroke. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 8872-8876	4.1	41
155	Neural correlates of specific musical anhedonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E7337-E7345	11.5	87
154	Attentional effects on rule extraction and consolidation from speech. <i>Cognition</i> , <b>2016</b> , 152, 61-69	3.5	15
153	Headstart for speech segmentation: a neural signature for the anchor word effect. <i>Neuropsychologia</i> , <b>2016</b> , 82, 189-199	3.2	9
152	Brain damage following prophylactic cranial irradiation in lung cancer survivors. <i>Brain Imaging and Behavior</i> , <b>2016</b> , 10, 283-95	4.1	21
151	Novel word acquisition in aphasia: Facing the word-referent ambiguity of natural language learning contexts. <i>Cortex</i> , <b>2016</b> , 79, 14-31	3.8	2
150	Longitudinal Brain Changes Associated with Prophylactic Cranial Irradiation in Lung Cancer. <i>Journal of Thoracic Oncology</i> , <b>2016</b> , 11, 475-86	8.9	40
149	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> , <b>2016</b> , 77, 95-118	3.8	20
148	Music supported therapy promotes motor plasticity in individuals with chronic stroke. <i>Brain Imaging and Behavior</i> , <b>2016</b> , 10, 1289-1307	4.1	56
147	Structural neuroplasticity in expert pianists depends on the age of musical training onset. <i>NeuroImage</i> , <b>2016</b> , 126, 106-19	7.9	84
146	Intrinsic monitoring of learning success facilitates memory encoding via the activation of the SN/VTA-Hippocampal loop. <i>ELife</i> , <b>2016</b> , 5,	8.9	40

145	Decreased Corticospinal Excitability after the Illusion of Missing Part of the Arm. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 145	3.3	26
144	The Neurological Traces of Look-Alike Avatars. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 392	3.3	13
143	Long-term use of psychedelic drugs is associated with differences in brain structure and personality in humans. <i>European Neuropsychopharmacology</i> , <b>2015</b> , 25, 483-92	1.2	102
142	Individual differences in error tolerance in humans: Neurophysiological evidences. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2015</b> , 15, 808-21	3.5	1
141	Microstructure of the superior longitudinal fasciculus predicts stimulation-induced interference with on-line motor control. <i>NeuroImage</i> , <b>2015</b> , 120, 254-65	7.9	16
140	Exogenous capture of medial-frontal oscillatory mechanisms by unattended conflicting information. <i>Neuropsychologia</i> , <b>2015</b> , 75, 458-68	3.2	18
139	Beta oscillations and reward processing: Coupling oscillatory activity and hemodynamic responses. <i>NeuroImage</i> , <b>2015</b> , 119, 13-9	7.9	45
138	Speech segmentation in aphasia. <i>Aphasiology</i> , <b>2015</b> , 29, 724-743	1.6	10
137	Electrical stimulation mapping of nouns and verbs in Broca's area. <i>Brain and Language</i> , <b>2015</b> , 145-146, 53-63	2.9	26
136	Neurophysiological correlates of cognitive flexibility and feedback processing in violent juvenile offenders. <i>Brain Research</i> , <b>2015</b> , 1610, 98-109	3.7	17
135	Cognitive and brain structural changes in a lung cancer population. <i>Journal of Thoracic Oncology</i> , <b>2015</b> , 10, 38-45	8.9	53
134	Telling true from false: cannabis users show increased susceptibility to false memories. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 772-7	15.1	24
133	Morphological learning in a novel language: A cross-language comparison. <i>Quarterly Journal of Experimental Psychology</i> , <b>2015</b> , 68, 1426-41	1.8	6
132	The role of high-frequency oscillatory activity in reward processing and learning. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2015</b> , 49, 1-7	9	65
131	The neural correlates of motion-induced shifts in reaching. <i>Psychophysiology</i> , <b>2015</b> , 52, 1577-89	4.1	1
130	The speed of object recognition from a haptic glance: event-related potential evidence. <i>Journal of Neurophysiology</i> , <b>2015</b> , 113, 3069-75	3.2	7
129	Studying memory encoding to promote reliable engagement of the medial temporal lobe at the single-subject level. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119159	3.7	6
128	Preserved Error-Monitoring in Borderline Personality Disorder Patients with and without Non-Suicidal Self-Injury Behaviors. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143994	3.7	11

127	Musical training as an alternative and effective method for neuro-education and neuro-rehabilitation. <i>Frontiers in Psychology</i> , <b>2015</b> , 6, 475	3.4	33
126	Prosodic cues enhance rule learning by changing speech segmentation mechanisms. <i>Frontiers in Psychology</i> , <b>2015</b> , 6, 1478	3.4	16
125	Interhemispheric microstructural connectivity in bitemporal lobe epilepsy with hippocampal sclerosis. <i>Cortex</i> , <b>2015</b> , 67, 106-21	3.8	26
124	Morphological derivation overflow as a result of disruption of the left frontal aslant white matter tract. <i>Brain and Language</i> , <b>2015</b> , 142, 54-64	2.9	41
123	Multiple brain networks underpinning word learning from fluent speech revealed by independent component analysis. <i>NeuroImage</i> , <b>2015</b> , 110, 182-93	7.9	29
122	A threat to a virtual hand elicits motor cortex activation. <i>Experimental Brain Research</i> , <b>2014</b> , 232, 875-87	2.3	76
121	Dissociation between musical and monetary reward responses in specific musical anhedonia. <i>Current Biology</i> , <b>2014</b> , 24, 699-704	6.3	95
120	The role of reward in word learning and its implications for language acquisition. <i>Current Biology</i> , <b>2014</b> , 24, 2606-11	6.3	96
119	Overactivation of the supplementary motor area in chronic stroke patients. <i>Journal of Neurophysiology</i> , <b>2014</b> , 112, 2251-63	3.2	10
118	Tracking explicit and implicit long-lasting traces of fearful memories in humans. <i>Neurobiology of Learning and Memory</i> , <b>2014</b> , 116, 96-104	3.1	7
117	ERP evidence of adaptive changes in error processing and attentional control during rhythm synchronization learning. <i>NeuroImage</i> , <b>2014</b> , 100, 460-70	7.9	7
116	Atypical language organization in temporal lobe epilepsy revealed by a passive semantic paradigm. <i>BMC Neurology</i> , <b>2014</b> , 14, 98	3.1	9
115	White matter changes in preclinical Alzheimer's disease: a magnetic resonance imaging-diffusion tensor imaging study on cognitively normal older people with positive amyloid $\beta$ protein 42 levels. <i>Neurobiology of Aging</i> , <b>2014</b> , 35, 2671-2680	5.6	56
114	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> , <b>2014</b> , 8, 245	3.3	79
113	Linking motor-related brain potentials and velocity profiles in multi-joint arm reaching movements. <i>Frontiers in Human Neuroscience</i> , <b>2014</b> , 8, 271	3.3	4
112	Neurophysiological correlates of error monitoring and inhibitory processing in juvenile violent offenders. <i>Biological Psychology</i> , <b>2014</b> , 102, 141-52	3.2	29
111	Mapping concrete and abstract meanings to new words using verbal contexts. <i>Second Language Research</i> , <b>2014</b> , 30, 191-223	2.3	20
110	Language recovery and evidence of residual deficits after nonthalamic subcortical stroke: A 1-year follow-up study. <i>Journal of Neurolinguistics</i> , <b>2014</b> , 32, 16-30	1.9	3



109	Hidden word learning capacity through orthography in aphasia. <i>Cortex</i> , <b>2014</b> , 50, 174-91	3.8	24
108	Electrophysiological Signatures of Reward Processing in Anhedonia <b>2014</b> , 245-278		2
107	Neurophysiological differences in reward processing in anhedonics. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2013</b> , 13, 102-15	3.5	35
106	Negative reward expectations in Borderline Personality Disorder patients: neurophysiological evidence. <i>Biological Psychology</i> , <b>2013</b> , 94, 388-96	3.2	27
105	Hippocampus-dependent strengthening of targeted memories via reactivation during sleep in humans. <i>Current Biology</i> , <b>2013</b> , 23, 1769-75	6.3	66
104	Learning-induced modulations of the stimulus-preceding negativity. <i>Psychophysiology</i> , <b>2013</b> , 50, 931-9	4.1	43
103	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> , <b>2013</b> , 41, 15-26	4	27
102	Intraoperative electrical stimulation of language switching in two bilingual patients. <i>Neuropsychologia</i> , <b>2013</b> , 51, 2882-92	3.2	26
101	Tracking post-error adaptation in the motor system by transcranial magnetic stimulation. <i>Neuroscience</i> , <b>2013</b> , 250, 342-51	3.9	17
100	Chemobrain: a systematic review of structural and functional neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2013</b> , 37, 1311-21	9	127
99	Electrophysiological correlates of anticipating improbable but desired events. <i>NeuroImage</i> , <b>2013</b> , 78, 135-44	7.9	43
98	Acute effects of ayahuasca on neuropsychological performance: differences in executive function between experienced and occasional users. <i>Psychopharmacology</i> , <b>2013</b> , 230, 415-24	4.7	44
97	Individual Differences in Music Reward Experiences. <i>Music Perception</i> , <b>2013</b> , 31, 118-138	1.6	133
96	Word learning is mediated by the left arcuate fasciculus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 13168-73	11.5	181
95	Plasticity in the sensorimotor cortex induced by Music-supported therapy in stroke patients: a TMS study. <i>Frontiers in Human Neuroscience</i> , <b>2013</b> , 7, 494	3.3	43
94	Sensorimotor plasticity after music-supported therapy in chronic stroke patients revealed by transcranial magnetic stimulation. <i>PLoS ONE</i> , <b>2013</b> , 8, e61883	3.7	52
93	Brain potentials for derivational morphology: an ERP study of deadjectival nominalizations in Spanish. <i>Brain and Language</i> , <b>2012</b> , 120, 332-44	2.9	16
92	The involvement of audio-motor coupling in the music-supported therapy applied to stroke patients. <i>Annals of the New York Academy of Sciences</i> , <b>2012</b> , 1252, 282-93	6.5	84

91	Differences in word recognition between early bilinguals and monolinguals: behavioral and ERP evidence. <i>Neuropsychologia</i> , <b>2012</b> , 50, 1362-71	3.2	25
90	Prognostic value of cortically induced motor evoked activity by TMS in chronic stroke: caveats from a revealing single clinical case. <i>BMC Neurology</i> , <b>2012</b> , 12, 35	3.1	6
89	Analysis of automated methods for spatial normalization of lesioned brains. <i>NeuroImage</i> , <b>2012</b> , 60, 1296-306	7.9	102
88	The role of beta-gamma oscillations in unexpected rewards processing. <i>NeuroImage</i> , <b>2012</b> , 60, 1678-85	7.9	80
87	Updating fearful memories with extinction training during reconsolidation: a human study using auditory aversive stimuli. <i>PLoS ONE</i> , <b>2012</b> , 7, e38849	3.7	80
86	Brain oscillatory activity associated with task switching and feedback processing. <i>Cognitive, Affective and Behavioral Neuroscience</i> , <b>2012</b> , 12, 16-33	3.5	75
85	Feedback-related brain potential activity complies with basic assumptions of associative learning theory. <i>Journal of Cognitive Neuroscience</i> , <b>2012</b> , 24, 794-808	3.1	38
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1	Chapter 10. Syntactic interference in bilingual naming during language switching. <i>Bilingual Processing and Acquisition</i> ,239-270	0.3	1
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