

Antoni Rodrguez-Fornells

List of Publications by Citations

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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	Brain potential and functional MRI evidence for how to handle two languages with one brain. <i>Nature</i> , 2002 , 415, 1026-9	50.4	211
233	Second language interferes with word production in fluent bilinguals: brain potential and functional imaging evidence. <i>Journal of Cognitive Neuroscience</i> , 2005 , 17, 422-33	3.1	186
232	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, 13168-73	11.5	181
231	Human oscillatory activity associated to reward processing in a gambling task. <i>Neuropsychologia</i> , 2008 , 46, 241-8	3.2	179
230	Subjective effects and tolerability of the South American psychoactive beverage Ayahuasca in healthy volunteers. <i>Psychopharmacology</i> , 2001 , 154, 85-95	4.7	178
229	Time course of error detection and correction in humans: neurophysiological evidence. <i>Journal of Neuroscience</i> , 2002 , 22, 9990-6	6.6	151
228	Is There a Relationship between Language Switching and Executive Functions in Bilingualism? Introducing a within group Analysis Approach. <i>Frontiers in Psychology</i> , 2011 , 2, 183	3.4	150
227	Watching the brain during meaning acquisition. <i>Cerebral Cortex</i> , 2007 , 17, 1858-66	5.1	141
226	Individual Differences in Music Reward Experiences. <i>Music Perception</i> , 2013 , 31, 118-138	1.6	133
225	Neurophysiological mechanisms involved in language learning in adults. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 3711-35	5.8	128
224	Chemobrain: a systematic review of structural and functional neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2013 , 37, 1311-21	9	127
223	Brain potentials related to self-generated and external information used for performance monitoring. <i>Clinical Neurophysiology</i> , 2005 , 116, 63-74	4.3	125
222	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	4.1	117
221	Neural mechanisms underlying adaptive actions after slips. <i>Journal of Cognitive Neuroscience</i> , 2008 , 20, 1595-610	3.1	117
220	Executive Control in Bilingual Language Processing. <i>Language Learning</i> , 2006 , 56, 133-190	5.1	108
219	On the number of trials needed for a stable feedback-related negativity. <i>Psychophysiology</i> , 2011 , 48, 852-60	4.1	107
218	The impact of catechol-O-methyltransferase and dopamine D4 receptor genotypes on neurophysiological markers of performance monitoring. <i>Journal of Neuroscience</i> , 2007 , 27, 14190-8	6.6	106

217	Time course and functional neuroanatomy of speech segmentation in adults. <i>NeuroImage</i> , 2009 , 48, 541-553	5.3	104
216	Long-term use of psychedelic drugs is associated with differences in brain structure and personality in humans. <i>European Neuropsychopharmacology</i> , 2015 , 25, 483-92	1.2	102
215	Analysis of automated methods for spatial normalization of lesioned brains. <i>NeuroImage</i> , 2012 , 60, 1296-306	7.9	102
214	The role of reward in word learning and its implications for language acquisition. <i>Current Biology</i> , 2014 , 24, 2606-11	6.3	96
213	Dissociation between musical and monetary reward responses in specific musical anhedonia. <i>Current Biology</i> , 2014 , 24, 699-704	6.3	95
212	Different neurophysiological mechanisms underlying word and rule extraction from speech. <i>PLoS ONE</i> , 2007 , 2, e1175	3.7	94
211	Electrophysiological estimates of the time course of semantic and phonological encoding during listening and naming. <i>Neuropsychologia</i> , 2002 , 40, 778-87	3.2	94
210	Functional connectivity of reward processing in the brain. <i>Frontiers in Human Neuroscience</i> , 2008 , 2, 19	3.3	90
209	Dopamine modulates the reward experiences elicited by music. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3793-3798	11.5	88
208	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	11.5	87
207	The effects of stress and statistical cues on continuous speech segmentation: an event-related brain potential study. <i>Brain Research</i> , 2006 , 1123, 168-78	3.7	86
206	Functional neuroanatomy of meaning acquisition from context. <i>Journal of Cognitive Neuroscience</i> , 2008 , 20, 2153-66	3.1	85
205	Structural neuroplasticity in expert pianists depends on the age of musical training onset. <i>NeuroImage</i> , 2016 , 126, 106-19	7.9	84
204	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> , 2012 , 1252, 282-93	6.5	84
203	Event-related potentials (ERPs) in the study of bilingual language processing. <i>Journal of Neurolinguistics</i> , 2008 , 21, 477-508	1.9	83
202	The role of beta-gamma oscillations in unexpected rewards processing. <i>NeuroImage</i> , 2012 , 60, 1678-85	7.9	80
201	Updating fearful memories with extinction training during reconsolidation: a human study using auditory aversive stimuli. <i>PLoS ONE</i> , 2012 , 7, e38849	3.7	80
200	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	3.3	79

199	Reward networks in the brain as captured by connectivity measures. <i>Frontiers in Neuroscience</i> , 2009 , 3, 350-62	5.1	79
198	Self-assessment of individual differences in language switching. <i>Frontiers in Psychology</i> , 2011 , 2, 388	3.4	78
197	Event-related brain responses to morphological violations in Catalan. <i>Cognitive Brain Research</i> , 2001 , 11, 47-58		77
196	A threat to a virtual hand elicits motor cortex activation. <i>Experimental Brain Research</i> , 2014 , 232, 875-87	2.3	76
195	Brain oscillatory activity associated with task switching and feedback processing. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2012 , 12, 16-33	3.5	75
194	First- and second-language phonological representations in the mental lexicon. <i>Journal of Cognitive Neuroscience</i> , 2006 , 18, 1277-91	3.1	75
193	The five-factor personality inventory: cross-cultural generalizability across 13 countries. <i>European Journal of Personality</i> , 2003 , 17, 347-373	5.1	75
192	Age-related water diffusion changes in human brain: a voxel-based approach. <i>NeuroImage</i> , 2007 , 34, 1588-99	7.9	73
191	Noradrenergic stimulation enhances human action monitoring. <i>Journal of Neuroscience</i> , 2005 , 25, 4370-46.6		72
190	Electrophysiological estimates of semantic and syntactic information access during tacit picture naming and listening to words. <i>Neuroscience Research</i> , 2001 , 41, 293-8	2.9	70
189	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, 1985-96	5.1	69
188	Genetic variability in the dopamine system (dopamine receptor D4, catechol-O-methyltransferase) modulates neurophysiological responses to gains and losses. <i>Biological Psychiatry</i> , 2009 , 66, 154-61	7.9	69
187	Violating body movement semantics: Neural signatures of self-generated and external-generated errors. <i>NeuroImage</i> , 2016 , 124, 147-156	7.9	67
186	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	1.6	67
185	Hippocampus-dependent strengthening of targeted memories via reactivation during sleep in humans. <i>Current Biology</i> , 2013 , 23, 1769-75	6.3	66
184	The role of high-frequency oscillatory activity in reward processing and learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 49, 1-7	9	65
183	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, 787-93	2.1	65
182	Syntactic complexity and ambiguity resolution in a free word order language: behavioral and electrophysiological evidences from Basque. <i>Brain and Language</i> , 2009 , 109, 1-17	2.9	61

181	Individual differences in true and false memory retrieval are related to white matter brain microstructure. <i>Journal of Neuroscience</i> , 2009 , 29, 8698-703	6.6	57
180	The fate of sounds in conductors' brains: an ERP study. <i>Cognitive Brain Research</i> , 2003 , 17, 83-93		57
179	Music supported therapy promotes motor plasticity in individuals with chronic stroke. <i>Brain Imaging and Behavior</i> , 2016 , 10, 1289-1307	4.1	56
178	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 protein 42 levels. <i>Neurobiology of Aging</i> , 2014 , 35, 2671-2680	5.6	56
177	Microstructural brain differences predict functional hemodynamic responses in a reward processing task. <i>Journal of Neuroscience</i> , 2010 , 30, 11398-402	6.6	55
176	Recognition of morphologically complex words in Finnish: evidence from event-related potentials. <i>Brain Research</i> , 2007 , 1148, 123-37	3.7	54
175	Morphological priming in Spanish verb forms: an ERP repetition priming study. <i>Journal of Cognitive Neuroscience</i> , 2002 , 14, 443-54	3.1	54
174	Cognitive and brain structural changes in a lung cancer population. <i>Journal of Thoracic Oncology</i> , 2015 , 10, 38-45	8.9	53
173	Sensorimotor plasticity after music-supported therapy in chronic stroke patients revealed by transcranial magnetic stimulation. <i>PLoS ONE</i> , 2013 , 8, e61883	3.7	52
172	A neurophysiological study of the detrimental effects of alprazolam on human action monitoring. <i>Cognitive Brain Research</i> , 2005 , 25, 554-65		51
171	Psychometric assessment of the Hallucinogen Rating Scale. <i>Drug and Alcohol Dependence</i> , 2001 , 62, 215-23	4.9	50
170	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	4.7	49
169	Differential effects of alprazolam on the baseline and fear-potentiated startle reflex in humans: a dose-response study. <i>Psychopharmacology</i> , 2001 , 157, 358-67	4.7	49
168	Language learning under working memory constraints correlates with microstructural differences in the ventral language pathway. <i>Cerebral Cortex</i> , 2011 , 21, 2742-50	5.1	48
167	What the brain does before the tongue slips. <i>Cerebral Cortex</i> , 2007 , 17, 1173-8	5.1	46
166	Beta oscillations and reward processing: Coupling oscillatory activity and hemodynamic responses. <i>NeuroImage</i> , 2015 , 119, 13-9	7.9	45
165	Acute effects of ayahuasca on neuropsychological performance: differences in executive function between experienced and occasional users. <i>Psychopharmacology</i> , 2013 , 230, 415-24	4.7	44
164	Learning-induced modulations of the stimulus-preceding negativity. <i>Psychophysiology</i> , 2013 , 50, 931-9	4.1	43

163	Electrophysiological correlates of anticipating improbable but desired events. <i>NeuroImage</i> , 2013 , 78, 135-44	7.9	43
162	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	3.3	43
161	Neural Basis of Acquired Amusia and Its Recovery after Stroke. <i>Journal of Neuroscience</i> , 2016 , 36, 8872-84.6		41
160	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	2.9	41
159	Converging Medial Frontal Resting State and Diffusion-Based Abnormalities in Borderline Personality Disorder. <i>Biological Psychiatry</i> , 2016 , 79, 107-16	7.9	40
158	Longitudinal Brain Changes Associated with Prophylactic Cranial Irradiation in Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 475-86	8.9	40
157	Intrinsic monitoring of learning success facilitates memory encoding via the activation of the SN/VTA-Hippocampal loop. <i>ELife</i> , 2016 , 5,	8.9	40
156	Speech segmentation is facilitated by visual cues. <i>Quarterly Journal of Experimental Psychology</i> , 2010 , 63, 260-74	1.8	39
155	Functional neuroanatomy of contextual acquisition of concrete and abstract words. <i>Journal of Cognitive Neuroscience</i> , 2009 , 21, 2154-71	3.1	38
154	Feedback-related brain potential activity complies with basic assumptions of associative learning theory. <i>Journal of Cognitive Neuroscience</i> , 2012 , 24, 794-808	3.1	38
153	Neural differences in the mapping of verb and noun concepts onto novel words. <i>NeuroImage</i> , 2010 , 49, 2826-35	7.9	37
152	Neural circuits subserving the retrieval of stems and grammatical features in regular and irregular verbs. <i>Human Brain Mapping</i> , 2006 , 27, 874-88	5.9	36
151	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	3.2	35
150	Neurophysiological differences in reward processing in anhedonics. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013 , 13, 102-15	3.5	35
149	ADHD candidate gene (DRD4 exon III) affects inhibitory control in a healthy sample. <i>BMC Neuroscience</i> , 2009 , 10, 150	3.2	35
148	An fMRI study of canonical and noncanonical word order in German. <i>Human Brain Mapping</i> , 2007 , 28, 940-9	5.9	35
147	Functional lesions and human action monitoring: combining repetitive transcranial magnetic stimulation and event-related brain potentials. <i>Clinical Neurophysiology</i> , 2004 , 115, 145-53	4.3	34
146	Morphological processing in early bilinguals: an ERP study of regular and irregular verb processing. <i>Cognitive Brain Research</i> , 2005 , 25, 312-27		34

145	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	3.3	34
144	Effects of alprazolam on the acoustic startle response in humans. <i>Psychopharmacology</i> , 1999 , 143, 280-54.7	5.4	34
143	Musical training as an alternative and effective method for neuro-education and neuro-rehabilitation. <i>Frontiers in Psychology</i> , 2015 , 6, 475	3.4	33
142	Neurophysiological markers of novelty processing are modulated by COMT and DRD4 genotypes. <i>NeuroImage</i> , 2010 , 53, 962-9	7.9	31
141	Music-supported therapy in the rehabilitation of subacute stroke patients: a randomized controlled trial. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1423, 318	6.5	30
140	Brain dynamics sustaining rapid rule extraction from speech. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 3105-20	3.1	30
139	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> , 2018 , 99, 78-92	3.8	30
138	Multiple brain networks underpinning word learning from fluent speech revealed by independent component analysis. <i>NeuroImage</i> , 2015 , 110, 182-93	7.9	29
137	Neurophysiological correlates of error monitoring and inhibitory processing in juvenile violent offenders. <i>Biological Psychology</i> , 2014 , 102, 141-52	3.2	29
136	Viewing socio-affective stimuli increases connectivity within an extended default mode network. <i>NeuroImage</i> , 2017 , 148, 8-19	7.9	28
135	Unraveling the Role of the Hippocampus in Reversal Learning. <i>Journal of Neuroscience</i> , 2017 , 37, 6686-6697	6.6	28
134	Strength of Temporal White Matter Pathways Predicts Semantic Learning. <i>Journal of Neuroscience</i> , 2017 , 37, 11101-11113	6.6	28
133	Stem allomorphy in the Spanish mental lexicon: evidence from behavioral and ERP experiments. <i>Brain and Language</i> , 2006 , 97, 110-20	2.9	28
132	White-matter pathways and semantic processing: intrasurgical and lesion-symptom mapping evidence. <i>NeuroImage: Clinical</i> , 2019 , 22, 101704	5.3	27
131	Potential benefits of music playing in stroke upper limb motor rehabilitation. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 112, 585-599	9	27
130	Negative reward expectations in Borderline Personality Disorder patients: neurophysiological evidence. <i>Biological Psychology</i> , 2013 , 94, 388-96	3.2	27
129	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	4	27
128	White Matter Microstructure Reflects Individual Differences in Music Reward Sensitivity. <i>Journal of Neuroscience</i> , 2019 , 39, 5018-5027	6.6	26

127	Electrical stimulation mapping of nouns and verbs in Broca's area. <i>Brain and Language</i> , 2015 , 145-146, 53-63	2.9	26
126	Intraoperative electrical stimulation of language switching in two bilingual patients. <i>Neuropsychologia</i> , 2013 , 51, 2882-92	3.2	26
125	Interhemispheric microstructural connectivity in bitemporal lobe epilepsy with hippocampal sclerosis. <i>Cortex</i> , 2015 , 67, 106-21	3.8	26
124	Decreased Corticospinal Excitability after the Illusion of Missing Part of the Arm. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 145	3.3	26
123	Differences in word recognition between early bilinguals and monolinguals: behavioral and ERP evidence. <i>Neuropsychologia</i> , 2012 , 50, 1362-71	3.2	25
122	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	3.3	25
121	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, 1273-9	7	25
120	Telling true from false: cannabis users show increased susceptibility to false memories. <i>Molecular Psychiatry</i> , 2015 , 20, 772-7	15.1	24
119	Hidden word learning capacity through orthography in aphasia. <i>Cortex</i> , 2014 , 50, 174-91	3.8	24
118	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	3.8	24
117	Psychometric Properties of the Spanish Adaptation of the Five Factor Personality Inventory. <i>European Journal of Psychological Assessment</i> , 2001 , 17, 145-153	2.2	24
116	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	4.6	23
115	Semantic Congruence Accelerates the Onset of the Neural Signals of Successful Memory Encoding. <i>Journal of Neuroscience</i> , 2017 , 37, 291-301	6.6	23
114	Neurophysiological evidence for the interplay of speech segmentation and word-referent mapping during novel word learning. <i>Neuropsychologia</i> , 2017 , 98, 56-67	3.2	23
113	A neurophysiological analysis of working memory in amyotrophic lateral sclerosis. <i>Brain Research</i> , 2011 , 1421, 90-9	3.7	23
112	An electrophysiological study of errorless learning. <i>Cognitive Brain Research</i> , 2004 , 19, 160-73		23
111	Brain functional connectivity in lung cancer population: an exploratory study. <i>Brain Imaging and Behavior</i> , 2018 , 12, 369-382	4.1	22
110	Brain potentials index executive functions during random number generation. <i>Neuroscience Research</i> , 2004 , 49, 157-64	2.9	22

109	Impulsive/careless problem solving style as predictor of subsequent academic achievement. <i>Personality and Individual Differences</i> , 2000 , 28, 639-645	3.3	22
108	Brain damage following prophylactic cranial irradiation in lung cancer survivors. <i>Brain Imaging and Behavior</i> , 2016 , 10, 283-95	4.1	21
107	Imaging bilinguals: When the neurosciences meet the language sciences. <i>Bilingualism</i> , 2003 , 6, 159-165	3.2	21
106	Abnormalities of the acoustic startle reflex and reaction time in gilles de la tourette syndrome. <i>Clinical Neurophysiology</i> , 2000 , 111, 1366-71	4.3	21
105	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> , 2017 , 29, 404-419	0.9	20
104	Tracting the neural basis of music: Deficient structural connectivity underlying acquired amusia. <i>Cortex</i> , 2017 , 97, 255-273	3.8	20
103	Orbitofrontal overactivation in reward processing in borderline personality disorder: the role of non-suicidal self-injury. <i>Brain Imaging and Behavior</i> , 2018 , 12, 217-228	4.1	20
102	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	3.8	20
101	Mapping concrete and abstract meanings to new words using verbal contexts. <i>Second Language Research</i> , 2014 , 30, 191-223	2.3	20
100	Beneficial effects of word final stress in segmenting a new language: evidence from ERPs. <i>BMC Neuroscience</i> , 2008 , 9, 23	3.2	20
99	Intrinsically regulated learning is modulated by synaptic dopamine signaling. <i>ELife</i> , 2018 , 7,	8.9	20
98	Music-related reward responses predict episodic memory performance. <i>Experimental Brain Research</i> , 2017 , 235, 3721-3731	2.3	19
97	Semantic and phonological schema influence spoken word learning and overnight consolidation. <i>Quarterly Journal of Experimental Psychology</i> , 2018 , 71, 1469-1481	1.8	19
96	Electrophysiological correlates of semantic anticipation during speech comprehension. <i>Neuropsychologia</i> , 2017 , 99, 326-334	3.2	18
95	Enhanced Neonatal Brain Responses To Sung Streams Predict Vocabulary Outcomes By Age 18 Months. <i>Scientific Reports</i> , 2017 , 7, 12451	4.9	18
94	Exogenous capture of medial-frontal oscillatory mechanisms by unattended conflicting information. <i>Neuropsychologia</i> , 2015 , 75, 458-68	3.2	18
93	Neural signatures for active maintenance and interference during working memory updating. <i>Biological Psychology</i> , 2018 , 132, 233-243	3.2	18
92	Age of language acquisition and cortical language organization in multilingual patients undergoing awake brain mapping. <i>Journal of Neurosurgery</i> , 2017 , 126, 1912-1923	3.2	18

91	The Left, The Better: White-Matter Brain Integrity Predicts Foreign Language Imitation Ability. <i>Cerebral Cortex</i> , 2017 , 27, 3906-3917	5.1	18
90	Two distinct neural networks support the mapping of meaning to a novel word. <i>Human Brain Mapping</i> , 2011 , 32, 1081-90	5.9	18
89	Neurophysiological correlates of cognitive flexibility and feedback processing in violent juvenile offenders. <i>Brain Research</i> , 2015 , 1610, 98-109	3.7	17
88	Tracking post-error adaptation in the motor system by transcranial magnetic stimulation. <i>Neuroscience</i> , 2013 , 250, 342-51	3.9	17
87	The role of executive functions in the control of aggressive behavior. <i>Frontiers in Psychology</i> , 2011 , 2, 152	3.4	17
86	A Potential Role for a Genetic Variation of AKAP5 in Human Aggression and Anger Control. <i>Frontiers in Human Neuroscience</i> , 2011 , 5, 175	3.3	17
85	Microstructure of the superior longitudinal fasciculus predicts stimulation-induced interference with on-line motor control. <i>NeuroImage</i> , 2015 , 120, 254-65	7.9	16
84	Brain potentials for derivational morphology: an ERP study of deadjectival nominalizations in Spanish. <i>Brain and Language</i> , 2012 , 120, 332-44	2.9	16
83	Prosodic cues enhance rule learning by changing speech segmentation mechanisms. <i>Frontiers in Psychology</i> , 2015 , 6, 1478	3.4	16
82	Words as anchors: known words facilitate statistical learning. <i>Experimental Psychology</i> , 2010 , 57, 134-41	1.5	16
81	Attentional effects on rule extraction and consolidation from speech. <i>Cognition</i> , 2016 , 152, 61-69	3.5	15
80	Abnormalities in gray matter volume in patients with borderline personality disorder and their relation to lifetime depression: A VBM study. <i>PLoS ONE</i> , 2018 , 13, e0191946	3.7	15
79	Acquiescent Responding in Balanced Multidimensional Scales and Exploratory Factor Analysis. <i>Psychometrika</i> , 2006 , 71, 769-777	2.2	15
78	White-matter structural connectivity predicts short-term melody and rhythm learning in non-musicians. <i>NeuroImage</i> , 2018 , 181, 252-262	7.9	14
77	Functional neural changes associated with acquired amusia across different stages of recovery after stroke. <i>Scientific Reports</i> , 2017 , 7, 11390	4.9	14
76	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> , 2010 , 39, 1-11	5.4	14
75	Exploring the relationship between non suicidal self-injury and borderline personality traits in young adults. <i>Psychiatry Research</i> , 2017 , 256, 403-411	9.9	13
74	Revisiting the Neural Basis of Acquired Amusia: Lesion Patterns and Structural Changes Underlying Amusia Recovery. <i>Frontiers in Neuroscience</i> , 2017 , 11, 426	5.1	13

73	The Neurological Traces of Look-Alike Avatars. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 392	3.3	13
72	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	4.3	12
71	Brain potentials reveal the role of conflict in human errorful and errorless learning. <i>Neuroscience Letters</i> , 2008 , 444, 64-8	3.3	12
70	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	5.4	12
69	Preserved Error-Monitoring in Borderline Personality Disorder Patients with and without Non-Suicidal Self-Injury Behaviors. <i>PLoS ONE</i> , 2015 , 10, e0143994	3.7	11
68	Neural architectures of music - Insights from acquired amusia. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 107, 104-114	9	10
67	Speech segmentation in aphasia. <i>Aphasiology</i> , 2015 , 29, 724-743	1.6	10
66	The impact of visual art and emotional sounds in specific musical anhedonia. <i>Progress in Brain Research</i> , 2018 , 237, 399-413	2.9	10
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