

Guillen Fernandez

List of Publications by Citations

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338
papers

23,595
citations

84
h-index

141
g-index

367
ext. papers

27,426
ext. citations

6.8
avg, IF

6.85
L-index

#	Paper	IF	Citations
338	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
337	Human memory formation is accompanied by rhinal-hippocampal coupling and decoupling. <i>Nature Neuroscience</i> , 2001 , 4, 1259-64	25.5	544
336	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014 , 8, 153-82	4.1	539
335	Dynamic adaptation of large-scale brain networks in response to acute stressors. <i>Trends in Neurosciences</i> , 2014 , 37, 304-14	13.3	500
334	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012 , 44, 552-61	36.3	498
333	Theta and gamma oscillations predict encoding and retrieval of declarative memory. <i>Journal of Neuroscience</i> , 2006 , 26, 7523-31	6.6	470
332	Stress-related noradrenergic activity prompts large-scale neural network reconfiguration. <i>Science</i> , 2011 , 334, 1151-3	33.3	462
331	Acute psychological stress reduces working memory-related activity in the dorsolateral prefrontal cortex. <i>Biological Psychiatry</i> , 2009 , 66, 25-32	7.9	440
330	How schema and novelty augment memory formation. <i>Trends in Neurosciences</i> , 2012 , 35, 211-9	13.3	437
329	Declarative memory consolidation in humans: a prospective functional magnetic resonance imaging study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 756-61	11.5	405
328	Reinforcement learning signal predicts social conformity. <i>Neuron</i> , 2009 , 61, 140-51	13.9	393
327	Locus coeruleus and dopaminergic consolidation of everyday memory. <i>Nature</i> , 2016 , 537, 357-362	50.4	347
326	Diagnostic delay in psychogenic nonepileptic seizures. <i>Neurology</i> , 2002 , 58, 493-5	6.5	339
325	Memory formation by neuronal synchronization. <i>Brain Research Reviews</i> , 2006 , 52, 170-82		328
324	Stress and emotional memory: a matter of timing. <i>Trends in Cognitive Sciences</i> , 2011 , 15, 280-8	14	296
323	Persistent schema-dependent hippocampal-neocortical connectivity during memory encoding and postencoding rest in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 7550-5	11.5	284
322	Phase/amplitude reset and theta-gamma interaction in the human medial temporal lobe during a continuous word recognition memory task. <i>Hippocampus</i> , 2005 , 15, 890-900	3.5	280

321	From specificity to sensitivity: how acute stress affects amygdala processing of biologically salient stimuli. <i>Biological Psychiatry</i> , 2009 , 66, 649-55	7.9	266
320	Neuronal substrates of sensory gating within the human brain. <i>Biological Psychiatry</i> , 2003 , 53, 511-9	7.9	252
319	Real-time tracking of memory formation in the human rhinal cortex and hippocampus. <i>Science</i> , 1999 , 285, 1582-5	33.3	244
318	Standard magnetic resonance imaging is inadequate for patients with refractory focal epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002 , 73, 643-7	5.5	230
317	Stressed memories: how acute stress affects memory formation in humans. <i>Journal of Neuroscience</i> , 2009 , 29, 10111-9	6.6	228
316	Successful verbal encoding into episodic memory engages the posterior hippocampus: a parametrically analyzed functional magnetic resonance imaging study. <i>Journal of Neuroscience</i> , 1998 , 18, 1841-7	6.6	219
315	The resilience framework as a strategy to combat stress-related disorders. <i>Nature Human Behaviour</i> , 2017 , 1, 784-790	12.8	210
314	Sustained neural activity patterns during working memory in the human medial temporal lobe. <i>Journal of Neuroscience</i> , 2007 , 27, 7807-16	6.6	200
313	Effects of exogenous testosterone on the ventral striatal BOLD response during reward anticipation in healthy women. <i>NeuroImage</i> , 2010 , 52, 277-83	7.9	197
312	Hippocampal malformation as a cause of familial febrile convulsions and subsequent hippocampal sclerosis. <i>Neurology</i> , 1998 , 50, 909-17	6.5	197
311	Interaction between the human hippocampus and the caudate nucleus during route recognition. <i>Neuron</i> , 2004 , 43, 427-35	13.9	194
310	Enhanced resting-state connectivity of amygdala in the immediate aftermath of acute psychological stress. <i>NeuroImage</i> , 2010 , 53, 348-54	7.9	191
309	Time-dependent effects of corticosteroids on human amygdala processing. <i>Journal of Neuroscience</i> , 2010 , 30, 12725-32	6.6	191
308	Is synchronized neuronal gamma activity relevant for selective attention?. <i>Brain Research Reviews</i> , 2003 , 42, 265-72		188
307	Intrasubject reproducibility of presurgical language lateralization and mapping using fMRI. <i>Neurology</i> , 2003 , 60, 969-75	6.5	186
306	Language mapping in less than 15 minutes: real-time functional MRI during routine clinical investigation. <i>NeuroImage</i> , 2001 , 14, 585-94	7.9	183
305	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5154-E5163	11.5	182
304	Shift from hippocampal to neocortical centered retrieval network with consolidation. <i>Journal of Neuroscience</i> , 2009 , 29, 10087-93	6.6	181

303	Progesterone selectively increases amygdala reactivity in women. <i>Molecular Psychiatry</i> , 2008 , 13, 325-331	15.1	181
302	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
301	The right hippocampus participates in short-term memory maintenance of object-location associations. <i>NeuroImage</i> , 2006 , 33, 374-82	7.9	167
300	Rhinal-hippocampal theta coherence during declarative memory formation: interaction with gamma synchronization?. <i>European Journal of Neuroscience</i> , 2003 , 17, 1082-8	3.5	161
299	Differential roles for medial prefrontal and medial temporal cortices in schema-dependent encoding: from congruent to incongruent. <i>Neuropsychologia</i> , 2013 , 51, 2352-9	3.2	159
298	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020 , 367,	33.3	156
297	Retrieval of associative information congruent with prior knowledge is related to increased medial prefrontal activity and connectivity. <i>Journal of Neuroscience</i> , 2010 , 30, 15888-94	6.6	156
296	Testosterone reduces amygdala-orbitofrontal cortex coupling. <i>Psychoneuroendocrinology</i> , 2010 , 35, 105-13	4.3	155
295	Time-dependent corticosteroid modulation of prefrontal working memory processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 5801-6	11.5	150
294	Dissociable effects of dopamine and serotonin on reversal learning. <i>Neuron</i> , 2013 , 80, 1090-100	13.9	149
293	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
292	Menstrual cycle-dependent neural plasticity in the adult human brain is hormone, task, and region specific. <i>Journal of Neuroscience</i> , 2003 , 23, 3790-5	6.6	144
291	Neural bases of cognitive ERPs: more than phase reset. <i>Journal of Cognitive Neuroscience</i> , 2004 , 16, 1595-604	5.6	142
290	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. <i>Schizophrenia Bulletin</i> , 2015 , 41, 1133-42	1.3	136
289	An electroconvulsive therapy procedure impairs reconsolidation of episodic memories in humans. <i>Nature Neuroscience</i> , 2014 , 17, 204-6	25.5	134
288	Neural mechanisms underlying changes in stress-sensitivity across the menstrual cycle. <i>Psychoneuroendocrinology</i> , 2010 , 35, 47-55	5	132
287	Amygdala volume marks the acute state in the early course of depression. <i>Biological Psychiatry</i> , 2009 , 65, 812-8	7.9	129
286	Gonadal hormone regulation of the emotion circuitry in humans. <i>Neuroscience</i> , 2011 , 191, 38-45	3.9	126

285	Acute stress modulates genotype effects on amygdala processing in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 9867-72	11.5	125
284	Brain mechanisms of persuasion: how Expert power modulates memory and attitudes. <i>Social Cognitive and Affective Neuroscience</i> , 2008 , 3, 353-66	4	125
283	Evidence relating human verbal memory to hippocampal N-methyl-D-aspartate receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 12085-9	11.5	125
282	Striatal dopamine mediates the interface between motivational and cognitive control in humans: evidence from genetic imaging. <i>Neuropsychopharmacology</i> , 2010 , 35, 1943-51	8.7	123
281	Cognitive Adaptation under Stress: A Case for the Mineralocorticoid Receptor. <i>Trends in Cognitive Sciences</i> , 2016 , 20, 192-203	14	122
280	Sex steroid induced negative mood may be explained by the paradoxical effect mediated by GABAA modulators. <i>Psychoneuroendocrinology</i> , 2009 , 34, 1121-32	5	122
279	Stress-induced reduction in reward-related prefrontal cortex function. <i>NeuroImage</i> , 2011 , 55, 345-52	7.9	120
278	Testosterone increases amygdala reactivity in middle-aged women to a young adulthood level. <i>Neuropsychopharmacology</i> , 2009 , 34, 539-47	8.7	112
277	How the amygdala affects emotional memory by altering brain network properties. <i>Neurobiology of Learning and Memory</i> , 2014 , 112, 2-16	3.1	110
276	Perceived threat predicts the neural sequelae of combat stress. <i>Molecular Psychiatry</i> , 2011 , 16, 664-71	15.1	110
275	Downregulation of the posterior medial frontal cortex prevents social conformity. <i>Journal of Neuroscience</i> , 2011 , 31, 11934-40	6.6	109
274	Risk factors for laryngeal cancer. <i>Cancer</i> , 1987 , 60, 3087-91	6.4	106
273	How progesterone impairs memory for biologically salient stimuli in healthy young women. <i>Journal of Neuroscience</i> , 2007 , 27, 11416-23	6.6	104
272	Evidence of brain abnormality in patients with psychogenic nonepileptic seizures. <i>Epilepsy and Behavior</i> , 2002 , 3, 249-254	3.2	104
271	BDNF Val66Met genotype modulates the effect of childhood adversity on subgenual anterior cingulate cortex volume in healthy subjects. <i>Molecular Psychiatry</i> , 2012 , 17, 597-603	15.1	96
270	Memory stabilization with targeted reactivation during human slow-wave sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 10575-80	11.5	96
269	Asymmetry within and around the human planum temporale is sexually dimorphic and influenced by genes involved in steroid hormone receptor activity. <i>Cortex</i> , 2015 , 62, 41-55	3.8	95
268	The rhinal cortex: Gatekeeper of the declarative memory system. <i>Trends in Cognitive Sciences</i> , 2006 , 10, 358-62	14	95

267	Temporal and cerebellar brain regions that support both declarative memory formation and retrieval. <i>Cerebral Cortex</i> , 2004 , 14, 256-67	5.1	95
266	Why are friends special? Implementing a social interaction simulation task to probe the neural correlates of friendship. <i>NeuroImage</i> , 2008 , 39, 903-10	7.9	93
265	Neural correlates of artificial syntactic structure classification. <i>NeuroImage</i> , 2006 , 32, 956-67	7.9	93
264	Building on prior knowledge: schema-dependent encoding processes relate to academic performance. <i>Journal of Cognitive Neuroscience</i> , 2014 , 26, 2250-61	3.1	91
263	Interictal EEG abnormalities in patients with psychogenic nonepileptic seizures. <i>Epilepsia</i> , 2002 , 43, 1013-20	6.0	89
262	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017 , 11, 1497-1514	4.1	87
261	Left hippocampal pathology is associated with atypical language lateralization in patients with focal epilepsy. <i>Brain</i> , 2006 , 129, 346-51	11.2	87
260	Reinstatement of associative memories in early visual cortex is signaled by the hippocampus. <i>Journal of Neuroscience</i> , 2014 , 34, 7493-500	6.6	86
259	Fear bradycardia and activation of the human periaqueductal grey. <i>NeuroImage</i> , 2013 , 66, 278-87	7.9	86
258	Paralimbic cortical thickness in first-episode depression: evidence for trait-related differences in mood regulation. <i>American Journal of Psychiatry</i> , 2013 , 170, 1477-86	11.9	85
257	Level of sustained entorhinal activity at study correlates with subsequent cued-recall performance: a functional magnetic resonance imaging study with high acquisition rate. <i>Hippocampus</i> , 1999 , 9, 35-44	3.5	85
256	Association between neuroticism and amygdala responsivity emerges under stressful conditions. <i>NeuroImage</i> , 2015 , 112, 218-224	7.9	84
255	Genetic variation in CACNA1C, a gene associated with bipolar disorder, influences brainstem rather than gray matter volume in healthy individuals. <i>Biological Psychiatry</i> , 2010 , 68, 586-8	7.9	84
254	Mnemonic Training Reshapes Brain Networks to Support Superior Memory. <i>Neuron</i> , 2017 , 93, 1227-1235	11.6	81
253	How the brain connects in response to acute stress: A review at the human brain systems level. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 83, 281-297	9	81
252	Prenatal exposure to selective serotonin reuptake inhibitors and social responsiveness symptoms of autism: population-based study of young children. <i>British Journal of Psychiatry</i> , 2014 , 205, 95-102	5.4	81
251	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	11.3	81
250	Blocking the mineralocorticoid receptor in humans prevents the stress-induced enhancement of centromedial amygdala connectivity with the dorsal striatum. <i>Neuropsychopharmacology</i> , 2015 , 40, 947-56	8.7	80

249	Process dissociation between contextual retrieval and item recognition. <i>NeuroReport</i> , 2004 , 15, 2729-331.7	80
248	Sleep supports selective retention of associative memories based on relevance for future utilization. <i>PLoS ONE</i> , 2012 , 7, e43426	3.7 79
247	Are there physical risk factors for psychogenic non-epileptic seizures in patients with epilepsy?. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2003 , 12, 561-7	3.2 79
246	Multiple subpial transection for control of epileptic seizures: effectiveness and safety. <i>Epilepsia</i> , 1997 , 38, 678-88	6.4 78
245	Integrated brain activity in medial temporal and prefrontal areas predicts subsequent memory performance: human declarative memory formation at the system level. <i>Brain Research Bulletin</i> , 2001 , 55, 1-9	3.9 78
244	Differences in cerebral cortical anatomy of left- and right-handers. <i>Frontiers in Psychology</i> , 2014 , 5, 261	3.4 77
243	Stress-induced alterations in large-scale functional networks of the rodent brain. <i>NeuroImage</i> , 2015 , 105, 312-22	7.9 76
242	Time-dependent effects of cortisol on selective attention and emotional interference: a functional MRI study. <i>Frontiers in Integrative Neuroscience</i> , 2012 , 6, 66	3.2 70
241	Dynamic Shifts in Large-Scale Brain Network Balance As a Function of Arousal. <i>Journal of Neuroscience</i> , 2017 , 37, 281-290	6.6 68
240	Age differences in neural correlates of route encoding and route recognition. <i>NeuroImage</i> , 2004 , 22, 1503-14	7.9 67
239	Default Mode Network Connectivity in Stroke Patients. <i>PLoS ONE</i> , 2013 , 8, e66556	3.7 64
238	Physical Exercise Performed Four Hours after Learning Improves Memory Retention and Increases Hippocampal Pattern Similarity during Retrieval. <i>Current Biology</i> , 2016 , 26, 1722-1727	6.3 61
237	Understanding low reliability of memories for neutral information encoded under stress: alterations in memory-related activation in the hippocampus and midbrain. <i>Journal of Neuroscience</i> , 2012 , 32, 4032-41	6.6 61
236	Rhinal-hippocampal EEG coherence is reduced during human sleep. <i>European Journal of Neuroscience</i> , 2003 , 18, 1711-6	3.5 61
235	Initial investigation of the effects of an experimentally learned schema on spatial associative memory in humans. <i>Journal of Neuroscience</i> , 2014 , 34, 16662-70	6.6 60
234	Normal sexual dimorphism in the human basal ganglia. <i>Human Brain Mapping</i> , 2012 , 33, 1246-52	5.9 60
233	Celebrities and shoes on the female brain: The neural correlates of product evaluation in the context of fame. <i>Journal of Economic Psychology</i> , 2010 , 31, 802-811	2.5 59
232	Dynamic neural systems enable adaptive, flexible memories. <i>Neuroscience and Biobehavioral Reviews</i> , 2012 , 36, 1646-66	9 58

231	Distinct neural correlates of associative working memory and long-term memory encoding in the medial temporal lobe. <i>NeuroImage</i> , 2012 , 63, 989-97	7.9	58
230	Dynamically changing effects of corticosteroids on human hippocampal and prefrontal processing. <i>Human Brain Mapping</i> , 2012 , 33, 2885-97	5.9	58
229	Cerebral lesions can impair fMRI-based language lateralization. <i>Epilepsia</i> , 2009 , 50, 2213-24	6.4	57
228	Corticosteroid induced decoupling of the amygdala in men. <i>Cerebral Cortex</i> , 2012 , 22, 2336-45	5.1	56
227	The inferior frontal cortex in artificial syntax processing: an rTMS study. <i>Brain Research</i> , 2008 , 1224, 69-78	7.7	56
226	Neural correlates of testing effects in vocabulary learning. <i>NeuroImage</i> , 2013 , 78, 94-102	7.9	55
225	The effect of moderate acute psychological stress on working memory-related neural activity is modulated by a genetic variation in catecholaminergic function in humans. <i>Frontiers in Integrative Neuroscience</i> , 2012 , 6, 16	3.2	55
224	Human declarative memory formation: segregating rhinal and hippocampal contributions. <i>Hippocampus</i> , 2002 , 12, 514-9	3.5	55
223	Blocking glucocorticoid receptors at adolescent age prevents enhanced freezing between repeated cue-exposures after conditioned fear in adult mice raised under chronic early life stress. <i>Neurobiology of Learning and Memory</i> , 2016 , 133, 30-38	3.1	54
222	Dorsomedial Prefrontal Cortex Mediates the Impact of Serotonin Transporter Linked Polymorphic Region Genotype on Anticipatory Threat Reactions. <i>Biological Psychiatry</i> , 2015 , 78, 582-9	7.9	54
221	Increase in posterior alpha activity during rehearsal predicts successful long-term memory formation of word sequences. <i>Human Brain Mapping</i> , 2011 , 32, 2045-53	5.9	54
220	How Human Amygdala and Bed Nucleus of the Stria Terminalis May Drive Distinct Defensive Responses. <i>Journal of Neuroscience</i> , 2017 , 37, 9645-9656	6.6	53
219	Independent delta/theta rhythms in the human hippocampus and entorhinal cortex. <i>Frontiers in Human Neuroscience</i> , 2008 , 2, 3	3.3	53
218	Association of the Alzheimer's gene SORL1 with hippocampal volume in young, healthy adults. <i>American Journal of Psychiatry</i> , 2011 , 168, 1083-9	11.9	52
217	Persistent and reversible consequences of combat stress on the mesofrontal circuit and cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15508-13	11.5	52
216	Safety of intrahippocampal depth electrodes for presurgical evaluation of patients with intractable epilepsy. <i>Epilepsia</i> , 1997 , 38, 922-9	6.4	52
215	The role of the major histocompatibility complex region in cognition and brain structure: a schizophrenia GWAS follow-up. <i>American Journal of Psychiatry</i> , 2013 , 170, 877-85	11.9	51
214	Reduced serotonin transporter availability decreases prefrontal control of the amygdala. <i>Journal of Neuroscience</i> , 2013 , 33, 8974-9	6.6	51

213	Memory trace stabilization leads to large-scale changes in the retrieval network: a functional MRI study on associative memory. <i>Learning and Memory</i> , 2007 , 14, 472-9	2.8	51
212	Dissociating the neural correlates of intra-item and inter-item working-memory binding. <i>PLoS ONE</i> , 2010 , 5, e10214	3.7	50
211	Probing the transformation of discontinuous associations into episodic memory: an event-related fMRI study. <i>NeuroImage</i> , 2007 , 38, 212-22	7.9	50
210	Changes in functioning of mesolimbic incentive processing circuits during the premenstrual phase. <i>Social Cognitive and Affective Neuroscience</i> , 2011 , 6, 612-20	4	49
209	Single trial analysis of event related potentials: non-linear de-noising with wavelets. <i>Clinical Neurophysiology</i> , 2000 , 111, 2255-63	4.3	49
208	Schematic memory components converge within angular gyrus during retrieval. <i>ELife</i> , 2015 , 4, e09668	8.9	49
207	Presurgical language fMRI in patients with drug-resistant epilepsy: effects of task performance. <i>Epilepsia</i> , 2006 , 47, 880-6	6.4	48
206	Awake reactivation of emotional memory traces through hippocampal-neocortical interactions. <i>NeuroImage</i> , 2016 , 134, 563-572	7.9	47
205	Stress Induces a Shift Towards Striatum-Dependent Stimulus-Response Learning via the Mineralocorticoid Receptor. <i>Neuropsychopharmacology</i> , 2017 , 42, 1262-1271	8.7	46
204	Two-week administration of the combined serotonin-noradrenaline reuptake inhibitor duloxetine augments functioning of mesolimbic incentive processing circuits. <i>Biological Psychiatry</i> , 2011 , 70, 568-74	7.9	46
203	Reduced medial temporal lobe functionality in stroke patients: a functional magnetic resonance imaging study. <i>Brain</i> , 2009 , 132, 1882-8	11.2	46
202	Neural state and trait bases of mood-incongruent memory formation and retrieval in first-episode major depression. <i>Journal of Psychiatric Research</i> , 2010 , 44, 527-34	5.2	46
201	Interindividual differences in stress sensitivity: basal and stress-induced cortisol levels differentially predict neural vigilance processing under stress. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 663-73	4	45
200	The brain-derived neurotrophic factor Val66Met polymorphism affects memory formation and retrieval of biologically salient stimuli. <i>NeuroImage</i> , 2010 , 50, 1212-8	7.9	45
199	Autobiographical memory retrieval in patients with Alzheimer's disease. <i>NeuroImage</i> , 2010 , 53, 331-40	7.9	45
198	Event-related potentials of verbal encoding into episodic memory: Dissociation between the effects of subsequent memory performance and distinctiveness. <i>Psychophysiology</i> , 1998 , 35, 709-720	4.1	45
197	Neural correlates of recognition memory with and without recollection in patients with Alzheimer's disease and healthy controls. <i>Neuroscience Letters</i> , 1999 , 263, 45-8	3.3	45
196	Sex modulates the interactive effect of the serotonin transporter gene polymorphism and childhood adversity on hippocampal volume. <i>Neuropsychopharmacology</i> , 2012 , 37, 1848-55	8.7	44

195	Subjective sense of memory strength and the objective amount of information accurately remembered are related to distinct neural correlates at encoding. <i>Journal of Neuroscience</i> , 2011 , 31, 8920-7	6.6	44
194	Epileptic vertigo: evidence for vestibular representation in human frontal cortex. <i>Neurology</i> , 2000 , 55, 1906-8	6.5	44
193	Neandertal Introgression Sheds Light on Modern Human Endocranial Globularity. <i>Current Biology</i> , 2019 , 29, 120-127.e5	6.3	44
192	Persistence of Amygdala-Hippocampal Connectivity and Multi-Voxel Correlation Structures During Awake Rest After Fear Learning Predicts Long-Term Expression of Fear. <i>Cerebral Cortex</i> , 2017 , 27, 3028-3041	5.1	43
191	The functional organisation of the hippocampus along its long axis is gradual and predicts recollection. <i>Cortex</i> , 2019 , 119, 324-335	3.8	42
190	How mild traumatic brain injury may affect declarative memory performance in the post-acute stage. <i>Journal of Neurotrauma</i> , 2010 , 27, 1585-95	5.4	42
189	Rhinal-hippocampal connectivity determines memory formation during sleep. <i>Brain</i> , 2006 , 129, 108-14	11.2	42
188	Menstrual cycle-related changes in amygdala morphology are associated with changes in stress sensitivity. <i>Human Brain Mapping</i> , 2013 , 34, 1187-93	5.9	41
187	Phasic deactivation of the medial temporal lobe enables working memory processing under stress. <i>NeuroImage</i> , 2012 , 59, 1161-7	7.9	41
186	Functional connectivity during light sleep is correlated with memory performance for face-location associations. <i>NeuroImage</i> , 2011 , 57, 262-270	7.9	41
185	Congenital prosopagnosia: multistage anatomical and functional deficits in face processing circuitry. <i>Journal of Neurology</i> , 2011 , 258, 770-82	5.5	41
184	Measurement and genetics of human subcortical and hippocampal asymmetries in large datasets. <i>Human Brain Mapping</i> , 2014 , 35, 3277-89	5.9	40
183	The Hippocampus Encodes Distances in Multidimensional Feature Space. <i>Current Biology</i> , 2019 , 29, 1226-1231.e3	6.3	39
182	Short-term antidepressant administration reduces default mode and task-positive network connectivity in healthy individuals during rest. <i>NeuroImage</i> , 2014 , 88, 47-53	7.9	39
181	Emotion perception and executive control interact in the salience network during emotionally charged working memory processing. <i>Human Brain Mapping</i> , 2014 , 35, 5606-16	5.9	39
180	The interaction of rhinal cortex and hippocampus in human declarative memory formation. <i>Reviews in the Neurosciences</i> , 2002 , 13, 299-312	4.7	39
179	Epilepsy surgery in patients with additional psychogenic seizures. <i>Archives of Neurology</i> , 2002 , 59, 82-6		39
178	Spatial working memory in aging and mild cognitive impairment: effects of task load and contextual cueing. <i>Aging, Neuropsychology, and Cognition</i> , 2010 , 17, 556-74	2.1	38

177	Dissecting medial temporal lobe contributions to item and associative memory formation. <i>NeuroImage</i> , 2009 , 46, 874-81	7.9	38
176	Suppression of EEG gamma activity may cause the attentional blink. <i>Consciousness and Cognition</i> , 2002 , 11, 114-22	2.6	37
175	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. <i>Molecular Psychiatry</i> , 2020 , 25, 3053-3065	15.1	37
174	Angular Gyrus Involvement at Encoding and Retrieval Is Associated with Durable But Less Specific Memories. <i>Journal of Neuroscience</i> , 2017 , 37, 9474-9485	6.6	36
173	Fronto-limbic microstructure and structural connectivity in remission from major depression. <i>Psychiatry Research - Neuroimaging</i> , 2012 , 204, 40-8	2.9	35
172	Neural basis of emotion recognition deficits in first-episode major depression. <i>Psychological Medicine</i> , 2011 , 41, 1397-405	6.9	35
171	The neural consequences of combat stress: long-term follow-up. <i>Molecular Psychiatry</i> , 2012 , 17, 116-8	15.1	35
170	Probing the neural correlates of associative memory formation: a parametrically analyzed event-related functional MRI study. <i>Brain Research</i> , 2007 , 1142, 159-68	3.7	35
169	Successful declarative memory formation is associated with ongoing activity during encoding in a distributed neocortical network related to working memory: a magnetoencephalography study. <i>Neuroscience</i> , 2006 , 139, 291-7	3.9	35
168	Interaction between BDNF Val66Met and childhood stressful life events is associated to affective memory bias in men but not women. <i>Biological Psychology</i> , 2012 , 89, 214-9	3.2	34
167	How mood challenges emotional memory formation: an fMRI investigation. <i>NeuroImage</i> , 2011 , 56, 1783-90	7.9	34
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