

Guillen Fernandez

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.

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	The STRESS-NL database: A resource for human acute stress studies across the Netherlands.. <i>Psychoneuroendocrinology</i> , 2022 , 141, 105735	5	
337	Brain region networks for the assimilation of new associative memory into a schema.. <i>Molecular Brain</i> , 2022 , 15, 24	4.5	0
336	Differences in executive abilities rather than associative processes contribute to memory development. <i>Human Brain Mapping</i> , 2021 , 42, 6000-6013	5.9	2
335	Durable memories and efficient neural coding through mnemonic training using the method of loci. <i>Science Advances</i> , 2021 , 7,	14.3	4
334	Learning and Representation of Hierarchical Concepts in Hippocampus and Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2021 , 41, 7675-7686	6.6	1
333	Measuring inter-individual differences in stress sensitivity during MR-guided prostate biopsy. <i>Scientific Reports</i> , 2021 , 11, 2454	4.9	
332	Hippocampal-Medial Prefrontal Event Segmentation and Integration Contribute to Episodic Memory Formation. <i>Cerebral Cortex</i> , 2021 ,	5.1	2
331	Dynamic Transitions between Neural States Are Associated with Flexible Task Switching during a Memory Task. <i>Journal of Cognitive Neuroscience</i> , 2021 , 33, 2559-2588	3.1	1
330	Brain preparedness: The proactive role of the cortisol awakening response in hippocampal-prefrontal functional interactions. <i>Progress in Neurobiology</i> , 2021 , 205, 102127	10.9	1
329	Protocol of the Healthy Brain Study: An accessible resource for understanding the human brain and how it dynamically and individually operates in its bio-social context.. <i>PLoS ONE</i> , 2021 , 16, e0260952	3.7	0
328	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020 , 367,	33.3	156
327	A mechanistic model for individualised treatment of anxiety disorders based on predictive neural biomarkers. <i>Psychological Medicine</i> , 2020 , 50, 727-736	6.9	8
326	Medial prefrontal decoupling from the default mode network benefits memory. <i>NeuroImage</i> , 2020 , 210, 116543	7.9	8
325	Good vibrations: An observational study of real-life stress induced by a stage performance. <i>Psychoneuroendocrinology</i> , 2020 , 114, 104593	5	3
324	Absence of default mode downregulation in response to a mild psychological stressor marks stress-vulnerability across diverse psychiatric disorders. <i>NeuroImage: Clinical</i> , 2020 , 25, 102176	5.3	8
323	Transcranial Magnetic Stimulation of the Medial Prefrontal Cortex Decreases Emotional Memory Schemas. <i>Cerebral Cortex</i> , 2020 , 30, 3608-3616	5.1	6
322	The effect of intrinsic and extrinsic motivation on memory formation: insight from behavioral and imaging study. <i>Brain Structure and Function</i> , 2020 , 225, 1561-1574	4	9

321	No evidence for an effect of explicit relevance instruction on consolidation of associative memories. <i>Neuropsychologia</i> , 2020 , 143, 107491	3.2	5
320	The role of hippocampal spatial representations in contextualization and generalization of fear. <i>NeuroImage</i> , 2020 , 206, 116308	7.9	9
319	Probing the neural dynamics of mnemonic representations after the initial consolidation. <i>NeuroImage</i> , 2020 , 221, 117213	7.9	5
318	Gradient mapping in the human hippocampus: Reply to Poppenk. <i>Cortex</i> , 2020 , 128, 318-321	3.8	1
317	Common neural and transcriptional correlates of inhibitory control underlie emotion regulation and memory control. <i>Social Cognitive and Affective Neuroscience</i> , 2020 , 15, 523-536	4	10
316	Reproducibility in the absence of selective reporting: An illustration from large-scale brain asymmetry research. <i>Human Brain Mapping</i> , 2020 ,	5.9	5
315	The Hippocampus Maps Concept Space, Not Feature Space. <i>Journal of Neuroscience</i> , 2020 , 40, 7318-7325	5.6	13
314	Emotion and sex of facial stimuli modulate conditional automaticity in behavioral and neuronal interference in healthy men. <i>Neuropsychologia</i> , 2020 , 145, 106592	3.2	3
313	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
312	Sleep, Emotional Memories, and Depression. <i>Handbook of Behavioral Neuroscience</i> , 2019 , 30, 519-531	0.7	
311	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
310	Thalamo-cortical coupling during encoding and consolidation is linked to durable memory formation. <i>NeuroImage</i> , 2019 , 197, 80-92	7.9	10
309	Propofol-induced deep sedation reduces emotional episodic memory reconsolidation in humans. <i>Science Advances</i> , 2019 , 5, eaav3801	14.3	15
308	The Hippocampus Encodes Distances in Multidimensional Feature Space. <i>Current Biology</i> , 2019 , 29, 122661-122673	13.6	33
307	The impact of sleep deprivation on declarative memory. <i>Progress in Brain Research</i> , 2019 , 246, 27-53	2.9	14
306	Combining attentional bias modification with dorsolateral prefrontal rTMS does not attenuate maladaptive attentional processing. <i>Scientific Reports</i> , 2019 , 9, 1168	4.9	1
305	The association between serotonin transporter availability and the neural correlates of fear bradycardia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 25941-25947	11.5	14
304	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	16.3	81

303	Functional network interactions at rest underlie individual differences in memory ability. <i>Learning and Memory</i> , 2019 , 26, 9-19	2.8	4
302	Intersubject similarity of personality is associated with intersubject similarity of brain connectivity patterns. <i>NeuroImage</i> , 2019 , 186, 56-69	7.9	18
301	Neandertal Introgression Sheds Light on Modern Human Endocranial Globularity. <i>Current Biology</i> , 2019 , 29, 120-127.e5	6.3	44
300	Stress affects the neural ensemble for integrating new information and prior knowledge. <i>NeuroImage</i> , 2018 , 173, 176-187	7.9	14
299	At-risk individuals display altered brain activity following stress. <i>Neuropsychopharmacology</i> , 2018 , 43, 1954-1960	8.7	19
298	The increase in medial prefrontal glutamate/glutamine concentration during memory encoding is associated with better memory performance and stronger functional connectivity in the human medial prefrontal-thalamus-hippocampus network. <i>Human Brain Mapping</i> , 2018 , 39, 2381-2390	5.9	16
297	2D:4D and spatial abilities: From rats to humans. <i>Neurobiology of Learning and Memory</i> , 2018 , 151, 85-87	3.1	4
296	Physical neglect during childhood alters white matter connectivity in healthy young males. <i>Human Brain Mapping</i> , 2018 , 39, 1283-1290	5.9	30
295	How acute stress may enhance subsequent memory for threat stimuli outside the focus of attention: DLPFC-amygdala decoupling. <i>NeuroImage</i> , 2018 , 171, 311-322	7.9	13
294	Maternal depressive symptoms during pregnancy are associated with amygdala hyperresponsivity in children. <i>European Child and Adolescent Psychiatry</i> , 2018 , 27, 57-64	5.5	12
293	ADHD symptoms in healthy adults are associated with stressful life events and negative memory bias. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 2018 , 10, 151-160	3.1	15
292	Progressively analogous evidence of covert face recognition from functional magnetic resonance imaging and skin conductance responses studies involving a patient with dissociative amnesia. <i>European Journal of Neuroscience</i> , 2018 , 48, 1964-1975	3.5	3
291	Hippocampal-caudate nucleus interactions support exceptional memory performance. <i>Brain Structure and Function</i> , 2018 , 223, 1379-1389	4	12
290	Stress leads to aberrant hippocampal involvement when processing schema-related information. <i>Learning and Memory</i> , 2018 , 25, 21-30	2.8	8
289	Cued reactivation during slow-wave sleep induces brain connectivity changes related to memory stabilization. <i>Scientific Reports</i> , 2018 , 8, 16958	4.9	13
288	Memory, Novelty and Prior Knowledge. <i>Trends in Neurosciences</i> , 2018 , 41, 654-659	13.3	26
287	Eye-Movement Intervention Enhances Extinction via Amygdala Deactivation. <i>Journal of Neuroscience</i> , 2018 , 38, 8694-8706	6.6	27
286	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

285	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
284	Shaping Science for Increasing Interdependence and Specialization. <i>Trends in Neurosciences</i> , 2017 , 40, 121-124	13.3	7
283	The Medial Prefrontal Cortex is a Critical Hub in the Declarative Memory System. <i>Studies in Neuroscience, Psychology and Behavioral Economics</i> , 2017 , 45-56	1.8	4
282	Mnemonic Training Reshapes Brain Networks to Support Superior Memory. <i>Neuron</i> , 2017 , 93, 1227-1235	15.6	81
281	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
280	Error consciousness predicts physiological response to an acute psychosocial stressor in men. <i>Psychoneuroendocrinology</i> , 2017 , 83, 84-90	5	9
279	Acute Stress Enhances Emotional Face Processing in the Aging Brain. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017 , 2, 591-598	3.4	10
278	Anatomical segmentation of the human medial prefrontal cortex. <i>Journal of Comparative Neurology</i> , 2017 , 525, 2376-2393	3.4	8
277	Methylphenidate during early consolidation affects long-term associative memory retrieval depending on baseline catecholamines. <i>Psychopharmacology</i> , 2017 , 234, 657-669	4.7	3
276	Large-scale network balances in the transition from adaptive to maladaptive stress responses. <i>Current Opinion in Behavioral Sciences</i> , 2017 , 14, 27-32	4	10
275	Transient medial prefrontal perturbation reduces false memory formation. <i>Cortex</i> , 2017 , 88, 42-52	3.8	16
274	The resilience framework as a strategy to combat stress-related disorders. <i>Nature Human Behaviour</i> , 2017 , 1, 784-790	12.8	210
273	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
272	The Yin and Yang of Memory Consolidation: Hippocampal and Neocortical. <i>PLoS Biology</i> , 2017 , 15, e2000531	9.7	21
271	Cognitive benefit and cost of acute stress is differentially modulated by individual brain state. <i>Social Cognitive and Affective Neuroscience</i> , 2017 , 12, 1179-1187	4	26
270	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
269	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
268	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

267	Time-Dependent Shifts in Neural Systems Supporting Decision-Making Under Stress 2017 , 371-385		3
266	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
265	Intrinsic functional connectivity between amygdala and hippocampus during rest predicts enhanced memory under stress. <i>Psychoneuroendocrinology</i> , 2017 , 75, 192-202	5	26
264	Structural asymmetries of the human cerebellum in relation to cerebral cortical asymmetries and handedness. <i>Brain Structure and Function</i> , 2017 , 222, 1611-1623	4	20
263	Stress Induces a Shift Towards Striatum-Dependent Stimulus-Response Learning via the Mineralocorticoid Receptor. <i>Neuropsychopharmacology</i> , 2017 , 42, 1262-1271	8.7	46
262	Prenatal exposure to selective serotonin reuptake inhibitors and non-verbal cognitive functioning in childhood. <i>Journal of Psychopharmacology</i> , 2017 , 31, 346-355	4.6	28
261	The dynamic brain response to stress is impaired in siblings of schizophrenia patients. <i>European Neuropsychopharmacology</i> , 2017 , 27, S548	1.2	
260	Dynamic Shifts in Large-Scale Brain Network Balance As a Function of Arousal. <i>Journal of Neuroscience</i> , 2017 , 37, 281-290	6.6	5
259	How Administration of the Beta-Blocker Propranolol Before Extinction can Prevent the Return of Fear. <i>Neuropsychopharmacology</i> , 2016 , 41, 1569-78	8.7	31
258	Ghrelin modulates encoding-related brain function without enhancing memory formation in humans. <i>NeuroImage</i> , 2016 , 142, 465-473	7.9	17
257	PRENATAL EXPOSURE TO MATERNAL AND PATERNAL DEPRESSIVE SYMPTOMS AND BRAIN MORPHOLOGY: A POPULATION-BASED PROSPECTIVE NEUROIMAGING STUDY IN YOUNG CHILDREN. <i>Depression and Anxiety</i> , 2016 , 33, 658-66	8.4	30
256	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
255	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
254	Neural substrates of successful working memory and long-term memory formation in a relational spatial memory task. <i>Cognitive Processing</i> , 2016 , 17, 377-387	1.5	12
253	Author's response to commentary 'Depressive symptomatology should be systematically controlled for in neuroticism research' <i>NeuroImage</i> , 2016 , 125, 1101-1102	7.9	
252	Cognitive Adaptation under Stress: A Case for the Mineralocorticoid Receptor. <i>Trends in Cognitive Sciences</i> , 2016 , 20, 192-203	14	122
251	Medial prefrontal-hippocampal connectivity during emotional memory encoding predicts individual differences in the loss of associative memory specificity. <i>Neurobiology of Learning and Memory</i> , 2016 , 134 Pt A, 44-54	3.1	17
250	Increased anticipatory contingent negative variation in posttraumatic stress disorder. <i>Biological Psychology</i> , 2016 , 117, 80-88	3.2	7

249	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
248	Motor Skills Enhance Procedural Memory Formation and Protect against Age-Related Decline. <i>PLoS ONE</i> , 2016 , 11, e0157770	3.7	6
247	Childhood abuse and deprivation are associated with distinct sex-dependent differences in brain morphology. <i>Neuropsychopharmacology</i> , 2016 , 41, 1716-23	8.7	33
246	Awake reactivation of emotional memory traces through hippocampal-neocortical interactions. <i>NeuroImage</i> , 2016 , 134, 563-572	7.9	47
245	Intensified vmPFC surveillance over PTSS under perturbed microRNA-608/AChE interaction. <i>Translational Psychiatry</i> , 2016 , 6, e801	8.6	14
244	Non-symbolic and symbolic notations in simple arithmetic differentially involve intraparietal sulcus and angular gyrus activity. <i>Brain Research</i> , 2016 , 1643, 91-102	3.7	7
243	Disentangling the roles of arousal and amygdala activation in emotional declarative memory. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 1471-80	4	18
242	Retrieved emotional context influences hippocampal involvement during recognition of neutral memories. <i>NeuroImage</i> , 2016 , 143, 280-292	7.9	13
241	Locus coeruleus and dopaminergic consolidation of everyday memory. <i>Nature</i> , 2016 , 537, 357-362	50.4	347
240	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
239	Parallel Engagement of Regions Associated with Encoding and Later Retrieval Forms Durable Memories. <i>Journal of Neuroscience</i> , 2016 , 36, 7985-95	6.6	21
238	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
237	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. <i>Schizophrenia Bulletin</i> , 2015 , 41, 1133-42	1.3	136
236	A Stress-Induced Shift From Trace to Delay Conditioning Depends on the Mineralocorticoid Receptor. <i>Biological Psychiatry</i> , 2015 , 78, 830-9	7.9	31
235	Interaction of the 5-HTTLPR and childhood trauma influences memory bias in healthy individuals. <i>Journal of Affective Disorders</i> , 2015 , 186, 83-9	6.6	8
234	Association between neuroticism and amygdala responsivity emerges under stressful conditions. <i>NeuroImage</i> , 2015 , 112, 218-224	7.9	84
233	Transient relay function of midline thalamic nuclei during long-term memory consolidation in humans. <i>Learning and Memory</i> , 2015 , 22, 527-31	2.8	10
232	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

231	Heterogeneity of cognitive-neurobiological determinants of resilience. <i>Behavioral and Brain Sciences</i> , 2015 , 38, e103	0.9	2
230	G-protein genomic association with normal variation in gray matter density. <i>Human Brain Mapping</i> , 2015 , 36, 4272-86	5.9	10
229	Depressed patients in remission show an interaction between variance in the mineralocorticoid receptor NR3C2 gene and childhood trauma on negative memory bias. <i>Psychiatric Genetics</i> , 2015 , 25, 99-105	2.9	19
228	Brain activation during associative short-term memory maintenance is not predictive for subsequent retrieval. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 479	3.3	26
227	Toward a mechanistic understanding of interindividual differences in cognitive changes after stress: reply to van den Bos. <i>Trends in Neurosciences</i> , 2015 , 38, 403-4	13.3	1
226	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
225	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
224	Stress-induced alterations in large-scale functional networks of the rodent brain. <i>NeuroImage</i> , 2015 , 105, 312-22	7.9	76
223	Schematic memory components converge within angular gyrus during retrieval. <i>ELife</i> , 2015 , 4, e09668	8.9	49
222	Dynamic adaptation of large-scale brain networks in response to acute stressors. <i>Trends in Neurosciences</i> , 2014 , 37, 304-14	13.3	500
221	An electroconvulsive therapy procedure impairs reconsolidation of episodic memories in humans. <i>Nature Neuroscience</i> , 2014 , 17, 204-6	25.5	134
220	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
219	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
218	Neural mechanisms supporting the extraction of general knowledge across episodic memories. <i>NeuroImage</i> , 2014 , 87, 138-46	7.9	22
217	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
216	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
215	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
214	A genome-wide search for quantitative trait loci affecting the cortical surface area and thickness of Heschl's gyrus. <i>Genes, Brain and Behavior</i> , 2014 , 13, 675-85	3.6	26

213	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
212	Food can lift mood by affecting mood-regulating neurocircuits via a serotonergic mechanism. <i>NeuroImage</i> , 2014 , 84, 825-32	7.9	17
211	Mineralocorticoid receptors guide spatial and stimulus-response learning in mice. <i>PLoS ONE</i> , 2014 , 9, e86236	3.7	25
210	Differences in cerebral cortical anatomy of left- and right-handers. <i>Frontiers in Psychology</i> , 2014 , 5, 261	3.4	77
209	No effect of schizophrenia risk genes MIR137, TCF4, and ZNF804A on macroscopic brain structure. <i>Schizophrenia Research</i> , 2014 , 159, 329-32	3.6	19
208	Beyond classical inheritance: the influence of maternal genotype upon child's brain morphology and behavior. <i>Journal of Neuroscience</i> , 2014 , 34, 9516-21	6.6	9
207	Task- and experience-dependent cortical selectivity to features informative for categorization. <i>Journal of Cognitive Neuroscience</i> , 2014 , 26, 319-33	3.1	10
206	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
205	Measurement and genetics of human subcortical and hippocampal asymmetries in large datasets. <i>Human Brain Mapping</i> , 2014 , 35, 3277-89	5.9	40
204	Association study of fibroblast growth factor genes and brain volumes in schizophrenic patients and healthy controls. <i>Psychiatric Genetics</i> , 2014 , 24, 283-4	2.9	
203	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
202	Linking genetic variants of the mineralocorticoid receptor and negative memory bias: interaction with prior life adversity. <i>Psychoneuroendocrinology</i> , 2014 , 40, 181-90	5	23
201	Delayed effects of corticosterone on slow after-hyperpolarization potentials in mouse hippocampal versus prefrontal cortical pyramidal neurons. <i>PLoS ONE</i> , 2014 , 9, e99208	3.7	2
200	Brain Imaging and Cognition 2014 , 235-256		2
199	Neural basis of recollection in first-episode major depression. <i>Human Brain Mapping</i> , 2013 , 34, 283-94	5.9	7
198	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
197	The effect of exogenous cortisol during sleep on the behavioral and neural correlates of emotional memory consolidation in humans. <i>Psychoneuroendocrinology</i> , 2013 , 38, 1639-49	5	27
196	Genetic variation in ataxia gene ATXN7 influences cerebellar grey matter volume in healthy adults. <i>Cerebellum</i> , 2013 , 12, 390-5	4.3	5

195	Dissociable effects of dopamine and serotonin on reversal learning. <i>Neuron</i> , 2013 , 80, 1090-100	13.9	149
194	Early and late stages of working-memory maintenance contribute differentially to long-term memory formation. <i>Acta Psychologica</i> , 2013 , 143, 181-90	1.7	11
193	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
192	Neural correlates of testing effects in vocabulary learning. <i>NeuroImage</i> , 2013 , 78, 94-102	7.9	55
191	Dissociable Effects of Dopamine and Serotonin on Reversal Learning. <i>Neuron</i> , 2013 , 80, 1572	13.9	2
190	Fear bradycardia and activation of the human periaqueductal grey. <i>NeuroImage</i> , 2013 , 66, 278-87	7.9	86
189	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
188	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
187	Genes encoding heterotrimeric G-proteins are associated with gray matter volume variations in the medial frontal cortex. <i>Cerebral Cortex</i> , 2013 , 23, 1025-30	5.1	5
186	Memory-related hippocampal activity can be measured robustly using fMRI at 7 tesla. <i>Journal of Neuroimaging</i> , 2013 , 23, 445-51	2.8	16
185	Reduced serotonin transporter availability decreases prefrontal control of the amygdala. <i>Journal of Neuroscience</i> , 2013 , 33, 8974-9	6.6	51
184	Consolidation differentially modulates schema effects on memory for items and associations. <i>PLoS ONE</i> , 2013 , 8, e56155	3.7	26
183	Default Mode Network Connectivity in Stroke Patients. <i>PLoS ONE</i> , 2013 , 8, e66556	3.7	64
182	Dynamic neural systems enable adaptive, flexible memories. <i>Neuroscience and Biobehavioral Reviews</i> , 2012 , 36, 1646-66	9	58
181	Fronto-limbic microstructure and structural connectivity in remission from major depression. <i>Psychiatry Research - Neuroimaging</i> , 2012 , 204, 40-8	2.9	35
180	Glucocorticoid receptor number predicts increase in amygdala activity after severe stress. <i>Psychoneuroendocrinology</i> , 2012 , 37, 1837-44	5	24
179	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012 , 44, 552-61	36.3	498
178	How schema and novelty augment memory formation. <i>Trends in Neurosciences</i> , 2012 , 35, 211-9	13.3	437

177	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
176	BDNF Val66Met polymorphism interacts with sex to influence bimanual motor control in healthy humans. <i>Brain and Behavior</i> , 2012 , 2, 726-31	3.4	12
175	Phasic deactivation of the medial temporal lobe enables working memory processing under stress. <i>NeuroImage</i> , 2012 , 59, 1161-7	7.9	41
174	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
173	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
172	Current self-reported symptoms of attention deficit/hyperactivity disorder are associated with total brain volume in healthy adults. <i>PLoS ONE</i> , 2012 , 7, e31273	3.7	21
171	Sleep supports selective retention of associative memories based on relevance for future utilization. <i>PLoS ONE</i> , 2012 , 7, e43426	3.7	79
170	The effects of valence and arousal on associative working memory and long-term memory. <i>PLoS ONE</i> , 2012 , 7, e52616	3.7	15
169	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
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3	Genetic Architecture of Subcortical Brain Structures in Over 40,000 Individuals Worldwide		5
2	Overlapping connectivity gradients in the anterior temporal lobe underlie semantic cognition		1
1	The role of hippocampal spatial representations in contextualization and generalization of fear		1