Fabienne Collette

List of Publications by Year
in descending order

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112 papers	8,690 citations	57758 44 h-index	45317 90 g-index
119 all docs	119 docs citations	119 times ranked	9475 citing authors

#	Article	IF	Citations
1	Are Spatial Memories Strengthened in the Human Hippocampus during Slow Wave Sleep?. Neuron, 2004, 44, 535-545.	8.1	668
2	A time to think: Circadian rhythms in human cognition. Cognitive Neuropsychology, 2007, 24, 755-789.	1.1	545
3	Brain imaging of the central executive component of working memory. Neuroscience and Biobehavioral Reviews, 2002, 26, 105-125.	6.1	505
4	Self-referential reflective activity and its relationship with rest: a PET study. NeuroImage, 2005, 25, 616-624.	4.2	452
5	Distinct Regions of the Medial Prefrontal Cortex Are Associated with Self-referential Processing and Perspective Taking. Journal of Cognitive Neuroscience, 2007, 19, 935-944.	2.3	377
6	Exploring the unity and diversity of the neural substrates of executive functioning. Human Brain Mapping, 2005, 25, 409-423.	3.6	340
7	Learned material content and acquisition level modulate cerebral reactivation during posttraining rapid-eye-movements sleep. NeuroImage, 2003, 20, 125-134.	4.2	273
8	Here I am: The cortical correlates of visual self-recognition. Brain Research, 2007, 1143, 169-182.	2.2	241
9	Sleep-Related Hippocampo-Cortical Interplay during Emotional Memory Recollection. PLoS Biology, 2007, 5, e282.	5.6	225
10	The Locus Ceruleus Is Involved in the Successful Retrieval of Emotional Memories in Humans. Journal of Neuroscience, 2006, 26, 7416-7423.	3.6	205
11	Sleep Promotes the Neural Reorganization of Remote Emotional Memory. Journal of Neuroscience, 2009, 29, 5143-5152.	3.6	194
12	Orbitofrontal Dysfunction Related to Both Apathy and Disinhibition in Frontotemporal Dementia. Dementia and Geriatric Cognitive Disorders, 2006, 21, 373-379.	1.5	172
13	Homeostatic Sleep Pressure and Responses to Sustained Attention in the Suprachiasmatic Area. Science, 2009, 324, 516-519.	12.6	170
14	Executive Dysfunction in Alzheimer's Disease. Cortex, 1999, 35, 57-72.	2.4	166
15	Neural correlates of anosognosia for cognitive impairment in Alzheimer's disease. Human Brain Mapping, 2006, 27, 588-597.	3.6	157
16	The Neural Basis of Personal Goal Processing When Envisioning Future Events. Journal of Cognitive Neuroscience, 2010, 22, 1701-1713.	2.3	157
17	Local modulation of human brain responses by circadian rhythmicity and sleep debt. Science, 2016, 353, 687-690.	12.6	149
18	The Commonality of Neural Networks for Verbal and Visual Short-term Memory. Journal of Cognitive Neuroscience, 2010, 22, 2570-2593.	2.3	142

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19	Involvement of both prefrontal and inferior parietal cortex in dual-task performance. Cognitive Brain Research, 2005, 24, 237-251.	3.0	128
20	Self-reflection across time: cortical midline structures differentiate between present and past selves. Social Cognitive and Affective Neuroscience, 2008, 3, 244-252.	3.0	125
21	Predominant ventromedial frontopolar metabolic impairment in frontotemporal dementia. NeuroImage, 2003, 20, 435-440.	4.2	120
22	Sleep Contributes to the Strengthening of Some Memories Over Others, Depending on Hippocampal Activity at Learning. Journal of Neuroscience, 2011, 31, 2563-2568.	3.6	116
23	The neural correlates of verbal short-term memory in Alzheimer's disease: an fMRI study. Brain, 2009, 132, 1833-1846.	7.6	102
24	Associative memory in aging: The effect of unitization on source memory.. Psychology and Aging, 2013, 28, 275-283.	1.6	93
25	Memory Reactivation during Rapid Eye Movement Sleep Promotes Its Generalization and Integration in Cortical Stores. Sleep, 2014, 37, 1061-1075.	1.1	92
26	Seasonality in human cognitive brain responses. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3066-3071.	7.1	87
27	Cognitive reserve impacts on inter-individual variability in resting-state cerebral metabolism in normal aging. NeuroImage, 2012, 63, 713-722.	4.2	86
28	Modulation of medial prefrontal and inferior parietal cortices when thinking about past, present, and future selves. Social Neuroscience, 2010, 5, 187-200.	1.3	81
29	Voxel-based analysis of confounding effects of age and dementia severity on cerebral metabolism in Alzheimer's disease. Human Brain Mapping, 2000, 10, 39-48.	3.6	80
30	Neural correlates of â€œhotâ€•and â€œcoldâ€•emotional processing: a multilevel approach to the functional anatomy of emotion. NeuroImage, 2003, 18, 938-949.	4.2	80
31	Perspective taking to assess self-personality: What's modified in Alzheimer's disease?. Neurobiology of Aging, 2009, 30, 1637-1651.	3.1	78
32	Phonological short-term memory networks following recovery from Landau and Kleffner syndrome. Human Brain Mapping, 2003, 19, 133-144.	3.6	76
33	Specificity of inhibitory deficits in normal aging and Alzheimer's disease. Neurobiology of Aging, 2009, 30, 875-889.	3.1	73
34	Association of Sleep-Disordered Breathing With Alzheimer Disease Biomarkers in Community-Dwelling Older Adults. JAMA Neurology, 2020, 77, 716.	9.0	71
35	Circadian Preference Modulates the Neural Substrate of Conflict Processing across the Day. PLoS ONE, 2012, 7, e29658.	2.5	64
36	Inhibitory control of memory in normal ageing: Dissociation between impaired intentional and preserved unintentional processes. Memory, 2009, 17, 104-122.	1.7	63

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37	Social Mind Representation: Where Does It Fail in Frontotemporal Dementia?. Journal of Cognitive Neuroscience, 2007, 19, 671-683.	2.3	60
38	The Neural Correlates of Updating Information in Verbal Working Memory. Memory, 1999, 7, 549-561.	1.7	55
39	Differential effects of aging on the neural correlates of recollection and familiarity. Cortex, 2013, 49, 1585-1597.	2.4	53
40	On the multivariate nature of brain metabolic impairment in Alzheimer's disease. Neurobiology of Aging, 2009, 30, 186-197.	3.1	52
41	Modulation of Brain Activity during a Stroop Inhibitory Task by the Kind of Cognitive Control Required. PLoS ONE, 2012, 7, e41513.	2.5	52
42	Pushing the Limits: Chronotype and Time of Day Modulate Working Memory-Dependent Cerebral Activity. Frontiers in Neurology, 2015, 6, 199.	2.4	52
43	The Effect of Mindfulness-based Programs on Cognitive Function in Adults: A Systematic Review and Meta-analysis. Neuropsychology Review, 2022, 32, 677-702.	4.9	48
44	Cognitive and neuroimaging evidence of impaired interaction between self and memory in Alzheimer's disease. Cortex, 2014, 51, 11-24.	2.4	46
45	Comparison of Inhibitory Functioning in Mild Alzheimer's Disease and Frontotemporal Dementia. Cortex, 2007, 43, 866-874.	2.4	45
46	Does Sleep Promote False Memories?. Journal of Cognitive Neuroscience, 2011, 23, 26-40.	2.3	45
47	Neural Precursors of Delayed Insight. Journal of Cognitive Neuroscience, 2011, 23, 1900-1910.	2.3	44
48	Influence of acute sleep loss on the neural correlates of alerting, orientating and executive attention components. Journal of Sleep Research, 2012, 21, 648-658.	3.2	44
49	Decomposition of metabolic brain clusters in the frontal variant of frontotemporal dementia. NeuroImage, 2006, 30, 871-878.	4.2	43
50	The Neural Substrates of Memory Suppression: A fMRI Exploration of Directed Forgetting. PLoS ONE, 2012, 7, e29905.	2.5	42
51	Sleepâ€“wake regulation and the hallmarks of the pathogenesis of Alzheimerâ€™s disease. Sleep, 2019, 42, .	1.1	42
52	Mapping the Updating Process: Common and Specific Brain Activations Across Different Versions of the Running Span Task. Cortex, 2007, 43, 146-158.	2.4	41
53	Modulation of brain activity during phonological familiarization. Brain and Language, 2005, 92, 320-331.	1.6	38
54	Functional imaging of cognition in Alzheimer's disease using positron emission tomography. Neuropsychologia, 2008, 46, 1613-1623.	1.6	36

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55	Influence of response prepotency strength, general working memory resources, and specific working memory load on the ability to inhibit predominant responses: A comparison of young and elderly participants. Brain and Cognition, 2011, 77, 237-247.	1.8	36
56	Further Exploration of Controlled and Automatic Memory Processes in Early Alzheimer's Disease.. Neuropsychology, 2005, 19, 420-427.	1.3	35
57	Contribution of four lifelong factors of cognitive reserve on late cognition in normal aging and Parkinsonâ€™s disease. Journal of Clinical and Experimental Neuropsychology, 2017, 39, 142-162.	1.3	35
58	Relationship between grey matter integrity and executive abilities in aging. Brain Research, 2016, 1642, 562-580.	2.2	34
59	Dissociation of perceptual and motor inhibitory processes in young and elderly participants using the Simon task. Journal of the International Neuropsychological Society, 2008, 14, 1014-1021.	1.8	33
60	Age-related decrease in cortical excitability circadian variations during sleep loss and its links with cognition. Neurobiology of Aging, 2019, 78, 52-63.	3.1	33
61	Functional anatomy of verbal and visuospatial span tasks in Alzheimer's disease. Human Brain Mapping, 1997, 5, 110-118.	3.6	32
62	The impact of meditation on healthy ageing â€” the current state of knowledge and a roadmap to future directions. Current Opinion in Psychology, 2019, 28, 223-228.	4.9	32
63	Two aspects of impaired consciousness in Alzheimer's disease. Progress in Brain Research, 2005, 150, 287-298.	1.4	31
64	Neural correlates of successful memory retrievalÂin aging: Do executive functioning and task difficulty matter?. Brain Research, 2016, 1631, 53-71.	2.2	30
65	Directed Forgetting and Aging: The Role of Retrieval Processes, Processing Speed, and Proactive Interference. Aging, Neuropsychology, and Cognition, 2008, 15, 471-491.	1.3	29
66	Exploration of the mechanisms underlying the ISPC effect: Evidence from behavioral and neuroimaging data. Neuropsychologia, 2013, 51, 1040-1049.	1.6	29
67	Benevolent sexism alters executive brain responses. NeuroReport, 2013, 24, 572-577.	1.2	29
68	Item familiarity and controlled associative retrieval in Alzheimer's disease: An fMRI study. Cortex, 2013, 49, 1566-1584.	2.4	28
69	Concurrent Synaptic and Systems Memory Consolidation during Sleep. Journal of Neuroscience, 2013, 33, 10182-10190.	3.6	28
70	Episodic autobiographical memory in amnestic mild cognitive impairment: What are the neural correlates?. Human Brain Mapping, 2013, 34, 1811-1825.	3.6	27
71	Modulating effect of COMT genotype on the brain regions underlying proactive control process during inhibition. Cortex, 2014, 50, 148-161.	2.4	27
72	Anosognosia and default mode subnetwork dysfunction in Alzheimer's disease. Human Brain Mapping, 2019, 40, 5330-5340.	3.6	27

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73	A multicomponent exploration of verbal short-term storage deficits in normal aging and Alzheimer's disease. Journal of Clinical and Experimental Neuropsychology, 2007, 29, 405-417.	1.3	26
74	Frontal and posterior cingulate metabolic impairment in the behavioral variant of frontotemporal dementia with impaired autonoetic consciousness. Human Brain Mapping, 2012, 33, 1268-1278.	3.6	25
75	Effects of aging on task- and stimulus-related cerebral attention networks. Neurobiology of Aging, 2016, 44, 85-95.	3.1	25
76	Impaired semantic knowledge underlies the reduced verbal short-term storage capacity in Alzheimer's disease. Neuropsychologia, 2009, 47, 3067-3073.	1.6	24
77	Associative memory and its cerebral correlates in Alzheimer×³s disease: Evidence for distinct deficits of relational and conjunctive memory. Neuropsychologia, 2014, 63, 99-106.	1.6	24
78	Neural networks involved in self-judgement in young and elderly adults. NeuroImage, 2010, 53, 341-347.	4.2	22
79	The neural bases of proactive and reactive control processes in normal aging. Behavioural Brain Research, 2017, 320, 504-516.	2.2	22
80	Controlled Memory Processes in Questionable Alzheimer's Disease: A View from Neuroimaging Research. Journal of Alzheimer's Disease, 2010, 20, 547-560.	2.6	21
81	Retrievalâ€induced forgetting in normal ageing. Journal of Neuropsychology, 2008, 2, 463-476.	1.4	19
82	Verbal learning in Alzheimer's disease and mild cognitive impairment: fine-grained acquisition and short-delay consolidation performance and neural correlates. Neurobiology of Aging, 2013, 34, 361-373.	3.1	19
83	The impact of aging and hearing status on verbal short-term memory. Aging, Neuropsychology, and Cognition, 2014, 21, 464-482.	1.3	19
84	Adapting Test Timing to the Sleep-Wake Schedule: Effects on Diurnal Neurobehavioral Performance Changes in Young Evening and Older Morning Chronotypes. Chronobiology International, 2012, 29, 482-490.	2.0	18
85	Effects of a Mindfulness-Based Intervention versus Health Self-Management on Subclinical Anxiety in Older Adults with Subjective Cognitive Decline: The SCD-Well Randomized Superiority Trial. Psychotherapy and Psychosomatics, 2021, 90, 341-350.	8.8	18
86	Neural substrates of phonological and lexicosemantic representations in Alzheimer's disease. Human Brain Mapping, 2009, 30, 185-199.	3.6	17
87	Dissociation between Controlled and Automatic Processes in the Behavioral Variant of Fronto-Temporal Dementia. Journal of Alzheimer's Disease, 2010, 22, 897-907.	2.6	17
88	Evidence for a Role of a Cortico-Subcortical Network for Automatic and Unconscious Motor Inhibition of Manual Responses. PLoS ONE, 2012, 7, e48007.	2.5	16
89	<scp>Voxelâ€Based</scp> quantitative <scp>MRI</scp> reveals spatial patterns of grey matter alteration in multiple sclerosis. Human Brain Mapping, 2021, 42, 1003-1012.	3.6	15
90	Relating pessimistic memory predictions to Alzheimer's disease brain structure. Cortex, 2016, 85, 151-164.	2.4	14

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91	Cognitive efficiency in late midlife is linked to lifestyle characteristics and allostatic load. Aging, 2019, 11, 7169-7186.	3.1	14
92	Relationship between brain AD biomarkers and episodic memory performance in healthy aging. Brain and Cognition, 2021, 148, 105680.	1.8	13
93	Dorsomedial prefrontal metabolism and unawareness of current characteristics of personality traits in Alzheimerâ€™s disease. Social Cognitive and Affective Neuroscience, 2014, 9, 1458-1463.	3.0	12
94	Effect of manipulation and irrelevant noise on working memory capacity of patients with Alzheimer's dementia. Neuropsychology, 2003, 17, 69-81.	1.3	12
95	Light exposure via a headâ€mounted device suppresses melatonin and improves vigilant attention without affecting cortisol and comfort. PsyCh Journal, 2018, 7, 163-175.	1.1	11
96	The protective effect of mindfulness and compassion meditation practices on ageing: Hypotheses, models and experimental implementation. Ageing Research Reviews, 2021, 72, 101495.	10.9	11
97	Perceptual and motor inhibitory abilities in normal aging and Alzheimer disease (AD): A preliminary study. Archives of Gerontology and Geriatrics, 2012, 54, e152-e161.	3.0	10
98	Heterogeneity in the links between sleep arousals, amyloid-Î², and cognition. JCI Insight, 2021, 6, .	5.0	10
99	Modulating effect of COMT Val158Met polymorphism on interference resolution during a working memory task. Brain and Cognition, 2015, 95, 7-18.	1.8	9
100	Preserved wake-dependent cortical excitability dynamics predict cognitive fitness beyond age-related brain alterations. Communications Biology, 2019, 2, 449.	4.4	9
101	Measuring Psychological Mechanisms in Meditation Practice: Using a Phenomenologically Grounded Classification System to Develop Theory-Based Composite Scores. Mindfulness, 2022, 13, 600.	2.8	9
102	Alzheimer's disease patients activate attention networks in a short-term memory task. NeuroImage: Clinical, 2019, 23, 101892.	2.7	8
103	The Role of Memory Traces Quality in Directed Forgetting: A Comparison of Young and Older Participants. Psychologica Belgica, 2014, 54, 310-327.	1.9	8
104	Positive Effect of Cognitive Reserve on Episodic Memory, Executive and Attentional Functions Taking Into Account Amyloid-Beta, Tau, and Apolipoprotein E Status. Frontiers in Aging Neuroscience, 2021, 13, 666181.	3.4	7
105	Cognitive fatigue in young, middleâ€aged, and older: Breaks as a way to recover. Applied Psychology, 2022, 71, 1565-1597.	7.1	7
106	The Complex Interplay Between Trait Fatigue and Cognition in Multiple Sclerosis. Psychologica Belgica, 2022, 62, 108.	1.9	7
107	Early brainstem [18F]THK5351 uptake is linked to cortical hyperexcitability in healthy aging. JCI Insight, 2021, 6, .	5.0	6
108	The effect of ageing on the neural substrates of incidental encoding leading to recollection or familiarity. Brain and Cognition, 2018, 126, 1-12.	1.8	5

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109	Do attentional capacities and processing speed mediate the effect of age on executive functioning?. Aging, Neuropsychology, and Cognition, 2019, 26, 282-317.	1.3	4
110	Associations Between Cognitive Complaints, Memory Performance, Mood, and Amyloid-Î² Accumulation in Healthy Amyloid Negative Late-Midlife Individuals. Journal of Alzheimer's Disease, 2021, 83, 127-141.	2.6	4
111	Pupil response speed as a marker of cognitive fatigue in early Multiple Sclerosisâ˜†. Multiple Sclerosis and Related Disorders, 2022, 65, 104001.	2.0	3
112	A Synthesis of Functional Neuroimaging in the Frontal Variant of Frontotemporal Dementia. Current Medical Imaging, 2007, 3, 117-121.	0.8	1