Sandrine Thuret

List of Publications by Year in Descending Order

89 papers	4,450 citations	31 h-index	66 g-index
97 ext. papers	5,571 ext. citations	7.3 avg, IF	5.69 L-index

#	Paper	IF	Citations
89	Apolipoprotein E and sex modulate fatty acid metabolism in a prospective observational study of cognitive decline.. *Alzheimeris Research and Therapy*, **2022**, 14, 1	9	3
88	Serum from Older Adults Increases Apoptosis and Molecular Aging Markers in Human Hippocampal Progenitor Cells **2021**, 12, 2151-2172		0
87	Diet and depression: future needs to unlock the potential. *Molecular Psychiatry*, **2021**,	15.1	3
86	Food and Microbiota Metabolites Associate with Cognitive Decline in Older Subjects: A 12-Year Prospective Study. *Molecular Nutrition and Food Research*, **2021**, 65, e2100606	5.9	4
85	Lithium treatment and human hippocampal neurogenesis. *Translational Psychiatry*, **2021**, 11, 555	8.6	0
84	Early signature in the blood lipidome associated with subsequent cognitive decline in the elderly: A case-control analysis nested within the Three-City cohort study. *EBioMedicine*, **2021**, 64, 103216	8.8	2
83	Lower pattern recognition memory scores in anorexia nervosa. *Journal of Eating Disorders*, **2021**, 9, 49	4.1	1
82	Do different types of stress differentially alter behavioural and neurobiological outcomes associated with depression in rodent models? A systematic review. *Frontiers in Neuroendocrinology*, **2021**, 61, 100896	8.9	5
81	Restoring miR-132 expression rescues adult hippocampal neurogenesis and memory deficits in Alzheimer's disease. *Cell Stem Cell*, **2021**, 28, 1805-1821.e8	18	21
80	Intermittent fasting enhances long-term memory consolidation, adult hippocampal neurogenesis, and expression of longevity gene Klotho. *Molecular Psychiatry*, **2021**,	15.1	9
79	Chronic post-COVID-19 syndrome and chronic fatigue syndrome: Is there a role for extracorporeal apheresis?. *Molecular Psychiatry*, **2021**,	15.1	15
78	Prolactin, Estradiol and Testosterone Differentially Impact Human Hippocampal Neurogenesis in an In Vitro Model. *Neuroscience*, **2021**, 454, 15-39	3.9	13
77	Diet and depression: exploring the biological mechanisms of action. *Molecular Psychiatry*, **2021**, 26, 134-150	15.1	66
76	Chronic stress followed by social isolation promotes depressive-like behaviour, alters microglial and astrocyte biology and reduces hippocampal neurogenesis in male mice. *Brain, Behavior, and Immunity*, **2021**, 91, 24-47	16.6	26
75	Modulation of the Hypothalamic Nutrient Sensing Pathways by Sex and Early-Life Stress. *Frontiers in Neuroscience*, **2021**, 15, 695367	5.1	2
74	The effects of genotype on inflammatory response in hippocampal progenitor cells: A computational approach. *Brain, Behavior, & Immunity - Health*, **2021**, 15, 100286	5.1	1
73	Maternal immune activation primes deficiencies in adult hippocampal neurogenesis. *Brain, Behavior, and Immunity*, **2021**, 97, 410-422	16.6	2

72	Hippocampal volume, function, and related molecular activity in anorexia nervosa: A scoping review. *Expert Review of Clinical Pharmacology*, **2020**, 13, 1367-1387	3.8	5
71	Energy Restriction Enhances Adult Hippocampal Neurogenesis-Associated Memory after Four Weeks in an Adult Human Population with Central Obesity; a Randomized Controlled Trial. *Nutrients*, **2020**, 12,	6.7	14
70	The role of omega-3 fatty acids in preventing glucocorticoid-induced reduction in human hippocampal neurogenesis and increase in apoptosis. *Translational Psychiatry*, **2020**, 10, 219	8.6	7
69	Neurogenesis right under your nose. *Nature Neuroscience*, **2020**, 23, 297-298	25.5	5
68	Lifestyle mediates the role of nutrient-sensing pathways in cognitive aging: cellular and epidemiological evidence. *Communications Biology*, **2020**, 3, 157	6.7	9
67	Apolipoprotein E expression pattern in human induced pluripotent stem cells during neural induction. *F1000Research*, **2020**, 9, 353	3.6	
66	Apolipoprotein E expression pattern in human induced pluripotent stem cells during in vitro neural induction. *F1000Research*, **2020**, 9, 353	3.6	0
65	Nutrition and the ageing brain: Moving towards clinical applications. *Ageing Research Reviews*, **2020** , 62, 101079	12	29
64	Adult Hippocampal Neurogenesis in Major Depressive Disorder and Alzheimer's Disease. *Trends in Molecular Medicine*, **2020**, 26, 803-818	11.5	30
63	Telomere length and human hippocampal neurogenesis. *Neuropsychopharmacology*, **2020**, 45, 2239-2247	8.7	9
62	Chronic stress induces significant gene expression changes in the prefrontal cortex alongside alterations in adult hippocampal neurogenesis. *Brain Communications*, **2020**, 2, fcaa153	4.5	6
61	Caffeine Compromises Proliferation of Human Hippocampal Progenitor Cells. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 806	5.7	3
60	The type of stress matters: repeated injection and permanent social isolation stress in male mice have a differential effect on anxiety- and depressive-like behaviours, and associated biological alterations. *Translational Psychiatry*, **2020**, 10, 325	8.6	20
59	Extracorporeal apheresis therapy for Alzheimer disease-targeting lipids, stress, and inflammation. *Molecular Psychiatry*, **2020**, 25, 275-282	15.1	9
58	The role of circulatory systemic environment in predicting interferon-alpha-induced depression: The neurogenic process as a potential mechanism. *Brain, Behavior, and Immunity*, **2019**, 81, 220-227	16.6	8
57	Diet-Related Metabolites Associated with Cognitive Decline Revealed by Untargeted Metabolomics in a Prospective Cohort. *Molecular Nutrition and Food Research*, **2019**, 63, e1900177	5.9	20
56	Polygenic risk for circulating reproductive hormone levels and their influence on hippocampal volume and depression susceptibility. *Psychoneuroendocrinology*, **2019**, 106, 284-292	5	13
55	Associations between childhood maltreatment and inflammatory markers. *BJPsych Open*, **2019**, 5, e3	5	6

54	In the Long Run: Physical Activity in Early Life and Cognitive Aging. *Frontiers in Neuroscience*, **2019**, 13, 884	5.1	8
53	Expression of neurogenic markers in Alzheimer's disease: a systematic review and metatranscriptional analysis. *Neurobiology of Aging*, **2019**, 76, 166-180	5.6	12
52	Emotion regulation mediates the relationship between verbal learning and internalizing, trauma-related and externalizing symptoms among early-onset, persistently delinquent adolescents. *Learning and Individual Differences*, **2019**, 70, 201-215	3.1	9
51	Human Adult Neurogenesis: Evidence and Remaining Questions. *Cell Stem Cell*, **2018**, 23, 25-30	18	394
50	Repeated lipopolysaccharide exposure modifies immune and sickness behaviour response in an animal model of chronic inflammation. *Journal of Psychopharmacology*, **2018**, 32, 236-247	4.6	8
49	Interferon-Alpha Reduces Human Hippocampal Neurogenesis and Increases Apoptosis via Activation of Distinct STAT1-Dependent Mechanisms. *International Journal of Neuropsychopharmacology*, **2018**, 21, 187-200	5.8	55
48	Adult Human Hippocampal Neurogenesis: Controversy and Evidence. *Trends in Molecular Medicine*, **2018**, 24, 521-522	11.5	29
47	Poor cognitive ageing: Vulnerabilities, mechanisms and the impact of nutritional interventions. *Ageing Research Reviews*, **2018**, 42, 40-55	12	83
46	Genetic Risk for Psychiatric Disorders and Telomere Length. *Frontiers in Genetics*, **2018**, 9, 468	4.5	13
45	P1-009: EARLY BLOOD LIPID SIGNATURE PREDICTING ACCELERATED COGNITIVE DECLINE IN OLDER PERSONS **2018**, 14, P265-P266		
44	Transcriptomic profiling of human hippocampal progenitor cells treated with antidepressants and its application in drug repositioning. *Journal of Psychopharmacology*, **2017**, 31, 338-345	4.6	13
43	The genome-wide expression effects of escitalopram and its relationship to neurogenesis, hippocampal volume, and antidepressant response. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2017**, 174, 427-434	3.5	11
42	Inter-individual variation in genes governing human hippocampal progenitor differentiation in vitro is associated with hippocampal volume in adulthood. *Scientific Reports*, **2017**, 7, 15112	4.9	11
41	Nutrition for the ageing brain: Towards evidence for an optimal diet. *Ageing Research Reviews*, **2017** , 35, 222-240	12	120
40	Importance of Proactive Treatment of Depression in Lewy Body Dementias: The Impact on Hippocampal Neurogenesis and Cognition in a Post-Mortem Study. *Dementia and Geriatric Cognitive Disorders*, **2017**, 44, 283-293	2.6	6
39	Emerging Molecular Pathways Governing Dietary Regulation of Neural Stem Cells during Aging. *Frontiers in Physiology*, **2017**, 8, 17	4.6	6
38	The Role of Lipid Biomarkers in Major Depression. *Healthcare (Switzerland)*, **2017**, 5,	3.4	43
37	Modulation of Adult Hippocampal Neurogenesis by Sleep: Impact on Mental Health. *Frontiers in Neural Circuits*, **2017**, 11, 74	3.5	17

36	The Hippocampus and Panic Disorder: Evidence from Animal and Human Studies **2016**, 79-91		
35	Resveratrol: A Potential Hippocampal Plasticity Enhancer. *Oxidative Medicine and Cellular Longevity*, **2016**, 2016, 9651236	6.7	28
34	Gender Differences in the Neurobiology of Anxiety: Focus on Adult Hippocampal Neurogenesis. *Neural Plasticity*, **2016**, 2016, 5026713	3.3	42
33	The impact of mastication on cognition: Evidence for intervention and the role of´adult hippocampal neurogenesis. *Nutrition and Aging (Amsterdam, Netherlands)*, **2016**, 3, 115-123		5
32	The role of inflammatory cytokines as key modulators of neurogenesis. *Trends in Neurosciences*, **2015**, 38, 145-57	13.3	227
31	Gut Microbiota: A Modulator of Brain Plasticity and Cognitive Function in Ageing. *Healthcare (Switzerland)*, **2015**, 3, 898-916	3.4	54
30	The systemic milieu as a mediator of dietary influence on stem cell function during ageing. *Ageing Research Reviews*, **2015**, 19, 53-64	12	20
29	Consequences of cancer treatments on adult hippocampal neurogenesis: implications for cognitive function and depressive symptoms. *Neuro-Oncology*, **2014**, 16, 476-92	1	54
28	Hippocampal biomarkers of fear memory in an animal model of generalized anxiety disorder. *Behavioural Brain Research*, **2014**, 263, 34-45	3.4	33
27	Hippocampal neurogenesis in Alzheimer's disease: is there a role for dietary modulation?. *Journal of Alzheimeris Disease*, **2014**, 38, 11-38	4.3	56
26	Antidepressant compounds can be both pro- and anti-inflammatory in human hippocampal cells. *International Journal of Neuropsychopharmacology*, **2014**, 18,	5.8	44
25	Why looking at the whole hippocampus is not enough-a critical role for anteroposterior axis, subfield and activation analyses to enhance predictive value of hippocampal changes for Alzheimer's disease diagnosis. *Frontiers in Cellular Neuroscience*, **2014**, 8, 95	6.1	73
24	Modulation of adult hippocampal neurogenesis by early-life environmental challenges triggering immune activation. *Neural Plasticity*, **2014**, 2014, 194396	3.3	31
23	Effects of diet on brain plasticity in animal and human studies: mind the gap. *Neural Plasticity*, **2014**, 2014, 563160	3.3	120
22	Conditionally immortalized stem cell lines from human spinal cord retain regional identity and generate functional V2a interneurons and motorneurons. *Stem Cell Research and Therapy*, **2013**, 4, 69	8.3	18
21	Glucocorticoid-related molecular signaling pathways regulating hippocampal neurogenesis. *Neuropsychopharmacology*, **2013**, 38, 872-83	8.7	213
20	Role for the kinase SGK1 in stress, depression, and glucocorticoid effects on hippocampal neurogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2013** , 110, 8708-13	11.5	209
19	Translational findings on brain-derived neurotrophic factor and anxiety: contributions from basic research to clinical practice. *Neuropsychobiology*, **2013**, 68, 129-38	4	26

18	P45 forms a complex with FADD and promotes neuronal cell survival following spinal cord injury. *PLoS ONE*, **2013**, 8, e69286	3.7	5
17	Nutrition, adult hippocampal neurogenesis and mental health. *British Medical Bulletin*, **2012**, 103, 89-114	5.4	77
16	Interleukin-1β, a new regulator of the kynurenine pathway affecting human hippocampal neurogenesis. *Neuropsychopharmacology*, **2012**, 37, 939-49	8.7	283
15	Enhanced functional recovery in MRL/MpJ mice after spinal cord dorsal hemisection. *PLoS ONE*, **2012**, 7, e30904	3.7	31
14	The role of dietary polyphenols on adult hippocampal neurogenesis: molecular mechanisms and behavioural effects on depression and anxiety. *Oxidative Medicine and Cellular Longevity*, **2012**, 2012, 541971	6.7	92
13	Human neural progenitor cell engraftment increases neurogenesis and microglial recruitment in the brain of rats with stroke. *PLoS ONE*, **2012**, 7, e50444	3.7	46
12	Antidepressants increase human hippocampal neurogenesis by activating the glucocorticoid receptor. *Molecular Psychiatry*, **2011**, 16, 738-50	15.1	303
11	Hippocampus-dependent learning is associated with adult neurogenesis in MRL/MpJ mice. *Hippocampus*, **2009**, 19, 658-69	3.5	73
10	Impact of diet on adult hippocampal neurogenesis. *Genes and Nutrition*, **2009**, 4, 271-82	4.3	132
9	Cortical area size dictates performance at modality-specific behaviors. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 4153-8	11.5	46
8	Merging mouse transcriptome analyses with Parkinson's disease linkage studies. *DNA Research*, **2007**, 14, 79-89	4.5	6
7	Therapeutic interventions after spinal cord injury. *Nature Reviews Neuroscience*, **2006**, 7, 628-43	13.5	747
6	The neuregulin receptor, ErbB4, is not required for normal development and adult maintenance of the substantia nigra pars compacta. *Journal of Neurochemistry*, **2004**, 91, 1302-11	6	38
5	Midbrain dopaminergic neurons: control of their cell fate by the engrailed transcription factors. *Cell and Tissue Research*, **2004**, 318, 53-61	4.2	64
4	Identification and developmental analysis of genes expressed by dopaminergic neurons of the substantia nigra pars compacta. *Molecular and Cellular Neurosciences*, **2004**, 25, 394-405	4.8	37
3	Synthèse de l'acide 2-acrylamido 2-méthylpropanoïque et copolymérisation avec l'acrylamide. *Macromolecular Chemistry and Physics*, **1996**, 197, 2595-2602	2.6	2
2	Cellular phenotyping of hippocampal progenitors exposed to patient serum predicts conversion to Alzheimer's Disease		1
1	Regulation of Laminar and Area Patterning of Mammalian Neocortex and Behavioural Implications. *Novartis Foundation Symposium*,141-164		6