

Sophie Laye

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4235904/sophie-laye-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158
papers

8,207
citations

51
h-index

87
g-index

173
ext. papers

9,634
ext. citations

6.9
avg, IF

6.29
L-index

#	Paper	IF	Citations
158	N-3 PUFA Deficiency Affects the Ultrastructural Organization and Density of White Matter Microglia in the Developing Brain of Male Mice.. <i>Frontiers in Cellular Neuroscience</i> , 2022 , 16, 802411	6.1	0
157	N-3 PUFA deficiency disrupts oligodendrocyte maturation and myelin integrity during brain development. <i>Glia</i> , 2022 , 70, 50-70	9	1
156	Dietary Fish Hydrolysate Improves Memory Performance Through Microglial Signature Remodeling During Aging. <i>Frontiers in Nutrition</i> , 2021 , 8, 750292	6.2	0
155	Fish Hydrolysate Supplementation Containing n-3 Long Chain Polyunsaturated Fatty Acids and Peptides Prevents LPS-Induced Neuroinflammation. <i>Nutrients</i> , 2021 , 13,	6.7	2
154	Perinatal Dietary Polyunsaturated Fatty Acids in Brain Development, Role in Neurodevelopmental Disorders. <i>Nutrients</i> , 2021 , 13,	6.7	11
153	Supplementation with low molecular weight peptides from fish protein hydrolysate reduces acute mild stress-induced corticosterone secretion and modulates stress responsive gene expression in mice. <i>Journal of Functional Foods</i> , 2021 , 76, 104292	5.1	5
152	Dietary vitamin A supplementation prevents early obesogenic diet-induced microbiota, neuronal and cognitive alterations. <i>International Journal of Obesity</i> , 2021 , 45, 588-598	5.5	7
151	Maternal dietary omega-3 deficiency worsens the deleterious effects of prenatal inflammation on the gut-brain axis in the offspring across lifetime. <i>Neuropsychopharmacology</i> , 2021 , 46, 579-602	8.7	6
150	Dietary fish hydrolysate supplementation containing n-3 LC-PUFAs and peptides prevents short-term memory and stress response deficits in aged mice. <i>Brain, Behavior, and Immunity</i> , 2021 , 91, 716-730	16.6	5
149	Binge eating among young adults: association with sociodemographic factors, nutritional intake, dietary -6:-3 ratio and impulsivity. <i>British Journal of Nutrition</i> , 2021 , 126, 1431-1440	3.6	
148	Nutrigenomic modification induced by anthocyanin-rich bilberry extract in the hippocampus of ApoE ^{-/-} mice. <i>Journal of Functional Foods</i> , 2021 , 85, 104609	5.1	3
147	Chronic Supplementation with a Mix of and Improves Morris Water Maze Learning in Normal Adult C57Bl/6J Mice. <i>Nutrients</i> , 2020 , 12,	6.7	14
146	n-3 Polyunsaturated Fatty Acids and Their Derivates Reduce Neuroinflammation during Aging. <i>Nutrients</i> , 2020 , 12,	6.7	14
145	Circulating Triglycerides Gate Dopamine-Associated Behaviors through DRD2-Expressing Neurons. <i>Cell Metabolism</i> , 2020 , 31, 773-790.e11	24.6	12
144	Causal Link between n-3 Polyunsaturated Fatty Acid Deficiency and Motivation Deficits. <i>Cell Metabolism</i> , 2020 , 31, 755-772.e7	24.6	9
143	PUFA and their derivatives in neurotransmission and synapses: a new hallmark of synaptopathies. <i>Proceedings of the Nutrition Society</i> , 2020 , 1-16	2.9	9
142	Rapeseed oil fortified with micronutrients improves cognitive alterations associated with metabolic syndrome. <i>Brain, Behavior, and Immunity</i> , 2020 , 84, 23-35	16.6	5

141	Tetrahydrobiopterin administration facilitates amphetamine-induced dopamine release and motivation in mice. <i>Behavioural Brain Research</i> , 2020 , 379, 112348	3.4	5
140	Reward-related brain activity and behavior are associated with peripheral ghrelin levels in obesity. <i>Psychoneuroendocrinology</i> , 2020 , 112, 104520	5	9
139	Alzheimer's Disease and Helicobacter pylori Infection: Inflammation from Stomach to Brain?. <i>Journal of Alzheimer's Disease</i> , 2020 , 73, 801-809	4.3	12
138	Tetracosahexaenoylethanolamide, a novel -acylethanolamide, is elevated in ischemia and increases neuronal output. <i>Journal of Lipid Research</i> , 2020 , 61, 1480-1490	6.3	0
137	Hierarchical Clustering of Neuronal Populations in the Rat Ventral Tegmental Area Based on Extracellular Electrophysiological Properties. <i>Frontiers in Neural Circuits</i> , 2020 , 14, 51	3.5	1
136	Dietary N-3 PUFA deficiency affects sleep-wake activity in basal condition and in response to an inflammatory challenge in mice. <i>Brain, Behavior, and Immunity</i> , 2020 , 85, 162-169	16.6	5
135	Brain eicosapentaenoic acid metabolism as a lead for novel therapeutics in major depression. <i>Brain, Behavior, and Immunity</i> , 2020 , 85, 21-28	16.6	27
134	Visualizing and Profiling Lipids in the OVLT of Fat-1 and Wild Type Mouse Brains during LPS-Induced Systemic Inflammation Using AP-SMALDI MSI. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 4394-4406	5.7	3
133	Pharmacological restoration of gut barrier function in stressed neonates partially reverses long-term alterations associated with maternal separation. <i>Psychopharmacology</i> , 2019 , 236, 1583-1596	4.7	10
132	Metformin Promotes Anxiolytic and Antidepressant-Like Responses in Insulin-Resistant Mice by Decreasing Circulating Branched-Chain Amino Acids. <i>Journal of Neuroscience</i> , 2019 , 39, 5935-5948	6.6	50
131	Multi-hit early life adversity affects gut microbiota, brain and behavior in a sex-dependent manner. <i>Brain, Behavior, and Immunity</i> , 2019 , 80, 179-192	16.6	54
130	Dietary n-3 long chain PUFA supplementation promotes a pro-resolving oxylipin profile in the brain. <i>Brain, Behavior, and Immunity</i> , 2019 , 76, 17-27	16.6	39
129	Polyphenols From Grape and Blueberry Improve Episodic Memory in Healthy Elderly with Lower Level of Memory Performance: A Bicentric Double-Blind, Randomized, Placebo-Controlled Clinical Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 996-1007	6.4	43
128	n-3 Long-Chain PUFA-Containing Phospholipids and Neuroprotection 2019 , 249-265		
127	Direct and indirect effects of lipids on microglia function. <i>Neuroscience Letters</i> , 2019 , 708, 134348	3.3	8
126	N-3 Polyunsaturated Fatty Acids and the Resolution of Neuroinflammation. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1022	5.6	47
125	Reduction of acute mild stress corticosterone response and changes in stress-responsive gene expression in male Balb/c mice after repeated administration of a L. root extract. <i>Food Science and Nutrition</i> , 2019 , 7, 3827-3841	3.2	3
124	Decrease in Operant Responding Under Obesogenic Diet Exposure is not Related to Deficits in Incentive or Hedonic Processes. <i>Obesity</i> , 2019 , 27, 255-263	8	7

123	Brain tumor necrosis factor- β mediates anxiety-like behavior in a mouse model of severe obesity. <i>Brain, Behavior, and Immunity</i> , 2019 , 77, 25-36	16.6	23
122	Maternal n-3 polyunsaturated fatty acid dietary supply modulates microglia lipid content in the offspring. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 133, 1-7	2.8	28
121	mTORC1 pathway disruption abrogates the effects of the ciliary neurotrophic factor on energy balance and hypothalamic neuroinflammation. <i>Brain, Behavior, and Immunity</i> , 2018 , 70, 325-334	16.6	6
120	Maternal high-fat diet and early life stress differentially modulate spine density and dendritic morphology in the medial prefrontal cortex of juvenile and adult rats. <i>Brain Structure and Function</i> , 2018 , 223, 883-895	4	29
119	Antiinflammatory Properties of Dietary n-3 Polyunsaturated Fatty Acids Protect Against Cognitive Decline in Aging and Neurodegenerative Diseases 2018 , 367-384		
118	Food for Mood: Relevance of Nutritional Omega-3 Fatty Acids for Depression and Anxiety. <i>Frontiers in Physiology</i> , 2018 , 9, 1047	4.6	59
117	Polyphenol-rich extract from grape and blueberry attenuates cognitive decline and improves neuronal function in aged mice. <i>Journal of Nutritional Science</i> , 2018 , 7, e19	2.7	40
116	Dietary omega-3 deficiency exacerbates inflammation and reveals spatial memory deficits in mice exposed to lipopolysaccharide during gestation. <i>Brain, Behavior, and Immunity</i> , 2018 , 73, 427-440	16.6	47
115	Impact of Dietary Fats on Brain Functions. <i>Current Neuropharmacology</i> , 2018 , 16, 1059-1085	7.6	49
114	Neuro-inflammation dans les maladies neurologiques. Rôle des probiotiques. <i>Phytotherapie</i> , 2018 , 16, 326-335	0.4	
113	Anti-Inflammatory Effects of Omega-3 Fatty Acids in the Brain: Physiological Mechanisms and Relevance to Pharmacology. <i>Pharmacological Reviews</i> , 2018 , 70, 12-38	22.5	186
112	Poor cognitive ageing: Vulnerabilities, mechanisms and the impact of nutritional interventions. <i>Ageing Research Reviews</i> , 2018 , 42, 40-55	12	83
111	Bioactive lipids as new class of microglial modulators: When nutrition meets neuroimmunology. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 79, 19-26	5.5	22
110	Inhibiting Microglia Expansion Prevents Diet-Induced Hypothalamic and Peripheral Inflammation. <i>Diabetes</i> , 2017 , 66, 908-919	0.9	96
109	Amplification of mGlu-Endocannabinoid Signaling Rescues Behavioral and Synaptic Deficits in a Mouse Model of Adolescent and Adult Dietary Polyunsaturated Fatty Acid Imbalance. <i>Journal of Neuroscience</i> , 2017 , 37, 6851-6868	6.6	24
108	Impact of prebiotics on metabolic and behavioral alterations in a mouse model of metabolic syndrome. <i>Brain, Behavior, and Immunity</i> , 2017 , 64, 33-49	16.6	64
107	Impact of perinatal exposure to high-fat diet and stress on responses to nutritional challenges, food-motivated behaviour and mesolimbic dopamine function. <i>International Journal of Obesity</i> , 2017 , 41, 502-509	5.5	24
106	Omega-3 polyunsaturated fatty acids and brain health: Preclinical evidence for the prevention of neurodegenerative diseases. <i>Trends in Food Science and Technology</i> , 2017 , 69, 203-213	15.3	25

105	Food for thought: how nutrition impacts cognition and emotion. <i>Npj Science of Food</i> , 2017 , 1, 7	6.3	84
104	Docosahexaenoic acid-containing choline phospholipid modulates LPS-induced neuroinflammation in vivo and in microglia in vitro. <i>Journal of Neuroinflammation</i> , 2017 , 14, 170	10.1	52
103	Nutritional n-3 PUFA Deficiency Abolishes Endocannabinoid Gating of Hippocampal Long-Term Potentiation. <i>Cerebral Cortex</i> , 2017 , 27, 2571-2579	5.1	39
102	The effect of high-fat diet consumption on appetitive instrumental behavior in rats. <i>Appetite</i> , 2017 , 108, 203-211	4.5	27
101	Gender specific behavioral alterations are associated with gut dysbiosis in mice exposed to multifactorial early-life adversity. <i>European Neuropsychopharmacology</i> , 2017 , 27, S682-S683	1.2	
100	Enriched dairy fat matrix diet prevents early life lipopolysaccharide-induced spatial memory impairment at adulthood. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016 , 113, 9-18	2.8	12
99	Endocannabinoid-Mediated Plasticity in Nucleus Accumbens Controls Vulnerability to Anxiety after Social Defeat Stress. <i>Cell Reports</i> , 2016 , 16, 1237-1242	10.6	44
98	Role of n-3 PUFAs in inflammation via resolvin biosynthesis. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2016 , 23, D104	1.5	
97	Examining techniques for measuring the effects of nutrients on mental performance and mood state. <i>European Journal of Nutrition</i> , 2016 , 55, 1991-2000	5.2	7
96	Resolvin D1 and E1 promote resolution of inflammation in microglial cells in vitro. <i>Brain, Behavior, and Immunity</i> , 2016 , 55, 249-259	16.6	85
95	How French subjects describe well-being from food and eating habits? Development, item reduction and scoring definition of the Well-Being related to Food Questionnaire (Well-BFQ [®]). <i>Appetite</i> , 2016 , 96, 333-346	4.5	34
94	Neuronal Hyperactivity Disturbs ATP Microgradients, Impairs Microglial Motility, and Reduces Phagocytic Receptor Expression Triggering Apoptosis/Microglial Phagocytosis Uncoupling. <i>PLoS Biology</i> , 2016 , 14, e1002466	9.7	89
93	Dietary Omega-6/Omega-3 and Endocannabinoids: Implications for Brain Health and Diseases 2016 ,		6
92	Nutritional Omega-3 Deficiency Alters Glucocorticoid Receptor-Signaling Pathway and Neuronal Morphology in Regionally Distinct Brain Structures Associated with Emotional Deficits. <i>Neural Plasticity</i> , 2016 , 2016, 8574830	3.3	18
91	Neuroinflammation in Autism: Plausible Role of Maternal Inflammation, Dietary Omega 3, and Microbiota. <i>Neural Plasticity</i> , 2016 , 2016, 3597209	3.3	65
90	EPA/DHA and Vitamin A Supplementation Improves Spatial Memory and Alleviates the Age-related Decrease in Hippocampal RXR α and Kinase Expression in Rats. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 103	5.3	11
89	Dietary Polyphenol Supplementation Prevents Alterations of Spatial Navigation in Middle-Aged Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2016 , 10, 9	3.5	22
88	Switching Adolescent High-Fat Diet to Adult Control Diet Restores Neurocognitive Alterations. <i>Frontiers in Behavioral Neuroscience</i> , 2016 , 10, 225	3.5	40

87	Impact of <i>Lactobacillus fermentum</i> and dairy lipids in the maternal diet on the fatty acid composition of pups' brain and peripheral tissues. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016 , 115, 24-34	2.8	2
86	Maternal high-fat diet prevents developmental programming by early-life stress. <i>Translational Psychiatry</i> , 2016 , 6, e966	8.6	36
85	N-3 PUFAs and neuroinflammatory processes in cognitive disorders. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2016 , 23, D103	1.5	3
84	Low-grade inflammation is a major contributor of impaired attentional set shifting in obese subjects. <i>Brain, Behavior, and Immunity</i> , 2016 , 58, 63-68	16.6	30
83	Dairy fat blend improves brain DHA and neuroplasticity and regulates corticosterone in mice. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016 , 109, 29-38	2.8	16
82	Modulation of brain PUFA content in different experimental models of mice. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016 , 114, 1-10	2.8	52
81	Microglial activation enhances associative taste memory through purinergic modulation of glutamatergic neurotransmission. <i>Journal of Neuroscience</i> , 2015 , 35, 3022-33	6.6	20
80	Juvenile obesity enhances emotional memory and amygdala plasticity through glucocorticoids. <i>Journal of Neuroscience</i> , 2015 , 35, 4092-103	6.6	66
79	Dietary n-3 PUFAs Deficiency Increases Vulnerability to Inflammation-Induced Spatial Memory Impairment. <i>Neuropsychopharmacology</i> , 2015 , 40, 2774-87	8.7	59
78	Neuroinflammatory processes in cognitive disorders: Is there a role for flavonoids and n-3 polyunsaturated fatty acids in counteracting their detrimental effects?. <i>Neurochemistry International</i> , 2015 , 89, 63-74	4.4	38
77	Transgenic increase in n-3/n-6 fatty acid ratio protects against cognitive deficits induced by an immune challenge through decrease of neuroinflammation. <i>Neuropsychopharmacology</i> , 2015 , 40, 525-36	8.7	61
76	External Validity of the Well-Being Related to Food Questionnaire (Well-Bfq): Variations According to the Subjects' Nutritional Status. <i>Value in Health</i> , 2015 , 18, A711	3.3	2
75	Obesity- and Neuroinflammation-Associated Mood and Cognitive Disorders 2015 , 139-153		
74	Role of neuroinflammation in the emotional and cognitive alterations displayed by animal models of obesity. <i>Frontiers in Neuroscience</i> , 2015 , 9, 229	5.1	110
73	N-3 polyunsaturated fatty acid and neuroinflammation in aging and Alzheimer's disease. <i>Nutrition and Aging (Amsterdam, Netherlands)</i> , 2015 , 3, 33-47		10
72	Perinatal high-fat diet increases hippocampal vulnerability to the adverse effects of subsequent high-fat feeding. <i>Psychoneuroendocrinology</i> , 2015 , 53, 82-93	5	44
71	Microglia in neuronal plasticity: Influence of stress. <i>Neuropharmacology</i> , 2015 , 96, 19-28	5.5	90
70	Diet-induced obesity progressively alters cognition, anxiety-like behavior and lipopolysaccharide-induced depressive-like behavior: focus on brain indoleamine 2,3-dioxygenase activation. <i>Brain, Behavior, and Immunity</i> , 2014 , 41, 10-21	16.6	145

69	Nutritional n-3 PUFAs deficiency during perinatal periods alters brain innate immune system and neuronal plasticity-associated genes. <i>Brain, Behavior, and Immunity</i> , 2014 , 41, 22-31	16.6	105
68	Impairment of hippocampal-dependent memory induced by juvenile high-fat diet intake is associated with enhanced hippocampal inflammation in rats. <i>Brain, Behavior, and Immunity</i> , 2014 , 40, 9-17	16.6	224
67	Adipose inflammation in obesity: relationship with circulating levels of inflammatory markers and association with surgery-induced weight loss. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E53-61	5.6	57
66	Lipopolysaccharide-induced brain activation of the indoleamine 2,3-dioxygenase and depressive-like behavior are impaired in a mouse model of metabolic syndrome. <i>Psychoneuroendocrinology</i> , 2014 , 40, 48-59	5	59
65	Polyunsaturated fatty acids and their metabolites in brain function and disease. <i>Nature Reviews Neuroscience</i> , 2014 , 15, 771-85	13.5	729
64	Nutritional omega-3 modulates neuronal morphology in the prefrontal cortex along with depression-related behaviour through corticosterone secretion. <i>Translational Psychiatry</i> , 2014 , 4, e437	8.6	74
63	Dietary supplementation of omega-3 fatty acids rescues fragile X phenotypes in Fmr1-Ko mice. <i>Psychoneuroendocrinology</i> , 2014 , 49, 119-29	5	39
62	Mechanisms involved in dual vasopressin/apelin neuron dysfunction during aging. <i>PLoS ONE</i> , 2014 , 9, e87421	3.7	18
61	Behavioral and Transcriptomic Fingerprints of an Enriched Environment in Horses (<i>Equus caballus</i>). <i>PLoS ONE</i> , 2014 , 9, e114384	3.7	26
60	Inflammation early in life is a vulnerability factor for emotional behavior at adolescence and for lipopolysaccharide-induced spatial memory and neurogenesis alteration at adulthood. <i>Journal of Neuroinflammation</i> , 2014 , 11, 155	10.1	81
59	Erythrocyte DHA level as a biomarker of DHA status in specific brain regions of n-3 long-chain PUFA-supplemented aged rats. <i>British Journal of Nutrition</i> , 2014 , 112, 1805-18	3.6	16
58	The neuroimmune basis of fatigue. <i>Trends in Neurosciences</i> , 2014 , 37, 39-46	13.3	187
57	n-3 LCPUFA improves cognition: the young, the old and the sick. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014 , 91, 1-20	2.8	78
56	N-3 Polyunsaturated Fatty Acid and Neuroinflammation in Aging: Role in Cognition. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2014 , 91-112	0.5	
55	Early morphofunctional plasticity of microglia in response to acute lipopolysaccharide. <i>Brain, Behavior, and Immunity</i> , 2013 , 34, 151-8	16.6	48
54	What do you eat? Dietary omega 3 can help to slow the aging process. <i>Brain, Behavior, and Immunity</i> , 2013 , 28, 14-5	16.6	4
53	Astrocyte-derived adenosine modulates increased sleep pressure during inflammatory response. <i>Glia</i> , 2013 , 61, 724-31	9	47
52	Leucine supplementation protects from insulin resistance by regulating adiposity levels. <i>PLoS ONE</i> , 2013 , 8, e74705	3.7	46

51	Fatigue and cognitive symptoms in patients with diabetes: relationship with disease phenotype and insulin treatment. <i>Psychoneuroendocrinology</i> , 2012 , 37, 1468-78	5	26
50	Long term adequate n-3 polyunsaturated fatty acid diet protects from depressive-like behavior but not from working memory disruption and brain cytokine expression in aged mice. <i>Brain, Behavior, and Immunity</i> , 2012 , 26, 721-31	16.6	77
49	Fatigue symptoms relate to systemic inflammation in patients with type 2 diabetes. <i>Brain, Behavior, and Immunity</i> , 2012 , 26, 1211-9	16.6	51
48	Nutritional n-3 polyunsaturated fatty acids deficiency alters cannabinoid receptor signaling pathway in the brain and associated anxiety-like behavior in mice. <i>Journal of Physiology and Biochemistry</i> , 2012 , 68, 671-81	5	80
47	Short-term long chain omega3 diet protects from neuroinflammatory processes and memory impairment in aged mice. <i>PLoS ONE</i> , 2012 , 7, e36861	3.7	136
46	Juvenile, but not adult exposure to high-fat diet impairs relational memory and hippocampal neurogenesis in mice. <i>Hippocampus</i> , 2012 , 22, 2095-100	3.5	181
45	Chronic low-grade inflammation in elderly persons is associated with altered tryptophan and tyrosine metabolism: role in neuropsychiatric symptoms. <i>Biological Psychiatry</i> , 2011 , 70, 175-82	7.9	254
44	Neuroinflammation and aging: influence of dietary n-3 polyunsaturated fatty acid. <i>Oleagineux Corps Gras Lipides</i> , 2011 , 18, 301-306		2
43	Nutritional omega-3 deficiency abolishes endocannabinoid-mediated neuronal functions. <i>Nature Neuroscience</i> , 2011 , 14, 345-50	25.5	227
42	Neurobiologie de l'anorexie inflammatoire. <i>Obesite</i> , 2011 , 6, 105-113	0.1	
41	Relationship between adiposity, emotional status and eating behaviour in obese women: role of inflammation. <i>Psychological Medicine</i> , 2011 , 41, 1517-28	6.9	92
40	Cognitive and emotional alterations are related to hippocampal inflammation in a mouse model of metabolic syndrome. <i>PLoS ONE</i> , 2011 , 6, e24325	3.7	169
39	Dietary n-3-Polyunsaturated Fatty Acid Deprivation and Cytokine Signaling Pathways in the Brain 2011 , 1771-1786		
38	Polyunsaturated fatty acids, neuroinflammation and well being. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010 , 82, 295-303	2.8	104
37	Brain Innate Immune System and Its Modulation by Diet: The Role of Polyunsaturated Fatty Acids 2010 , 197-215		
36	Neurobiology of inflammation-associated anorexia. <i>Frontiers in Neuroscience</i> , 2009 , 3, 59	5.1	26
35	Age-related changes in nestin immunoreactivity in the rat pituitary gland. <i>Neuroendocrinology</i> , 2009 , 90, 19-30	5.6	6
34	Study of <i>Helicobacter pullorum</i> proinflammatory properties on human epithelial cells in vitro. <i>Gut</i> , 2009 , 58, 629-35	19.2	27

33	Vitamin E status and quality of life in the elderly: influence of inflammatory processes. <i>British Journal of Nutrition</i> , 2009 , 102, 1390-4	3.6	44
32	Impaired interleukin-1beta and c-Fos expression in the hippocampus is associated with a spatial memory deficit in P2X(7) receptor-deficient mice. <i>PLoS ONE</i> , 2009 , 4, e6006	3.7	76
31	Docosahexaenoic acid prevents lipopolysaccharide-induced cytokine production in microglial cells by inhibiting lipopolysaccharide receptor presentation but not its membrane subdomain localization. <i>Journal of Neurochemistry</i> , 2008 , 105, 296-307	6	139
30	Uncoupling of interleukin-6 from its signalling pathway by dietary n-3-polyunsaturated fatty acid deprivation alters sickness behaviour in mice. <i>European Journal of Neuroscience</i> , 2008 , 28, 1877-86	3.5	75
29	In vitro and in vivo evidence for a role of the P2X7 receptor in the release of IL-1 beta in the murine brain. <i>Brain, Behavior, and Immunity</i> , 2008 , 22, 234-44	16.6	87
28	Cytokines, Sickness Behavior, and Depression 2007 , 281-318		9
27	Characterization of STAT3-expressing cells in the postnatal rat brain. <i>Brain Research</i> , 2006 , 1098, 26-32	3.7	19
26	Pituitary cocaine- and amphetamine-regulated transcript expression depends on the strain, sex and oestrous cycle in the rat. <i>Journal of Neuroendocrinology</i> , 2006 , 18, 426-33	3.8	8
25	Influence of feeding status on neuronal activity in the hypothalamus during lipopolysaccharide-induced anorexia in rats. <i>Neuroscience</i> , 2005 , 134, 933-46	3.9	48
24	In vivo activation of the interleukin-6 receptor/gp130 signaling pathway in pituitary corticotropes of lipopolysaccharide-treated rats. <i>Neuroendocrinology</i> , 2003 , 77, 32-43	5.6	20
23	Cytokines et troubles nutritionnels. <i>Société De Biologie Journal</i> , 2003 , 197, 123-131		
22	Nuclear factor kappaB nuclear translocation as a crucial marker of brain response to interleukin-1. A study in rat and interleukin-1 type I deficient mouse. <i>Journal of Neurochemistry</i> , 2003 , 87, 1024-36	6	72
21	Specific localization of signal transducer and activator of transcription 1 immunoreactivity in oxytocin neurons of the rat hypothalamus. <i>Brain Research</i> , 2003 , 994, 260-4	3.7	4
20	NF kappa B activation in mouse pituitary: comparison of response to interleukin-1 beta and lipopolysaccharide. <i>Journal of Neuroendocrinology</i> , 2003 , 15, 304-14	3.8	18
19	Spatiotemporal analysis of signal transducer and activator of transcription 3 activation in rat brain astrocytes and pituitary following peripheral immune challenge. <i>Neuroscience</i> , 2002 , 112, 717-29	3.9	67
18	Physiological significance of the interleukin 1 receptor accessory protein. <i>NeuroImmunoModulation</i> , 2001 , 9, 225-30	2.5	10
17	Role of interleukin-1 and tumour necrosis factor- in lipopolysaccharide-induced sickness behaviour: a study with interleukin-1 type I receptor-deficient mice. <i>European Journal of Neuroscience</i> , 2000 , 12, 4447-4456	3.5	11
16	Interleukin 1 receptor accessory protein (IL-1RAcP) is necessary for centrally mediated neuroendocrine and immune responses to IL-1beta. <i>Journal of Neuroimmunology</i> , 2000 , 110, 134-9	3.5	28

15	Endogenous brain IL-1 mediates LPS-induced anorexia and hypothalamic cytokine expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000 , 279, R93-8	3.2	159
14	Role of interleukin-1beta and tumour necrosis factor-alpha in lipopolysaccharide-induced sickness behaviour: a study with interleukin-1 type I receptor-deficient mice. <i>European Journal of Neuroscience</i> , 2000 , 12, 4447-4456	3.5	35
13	Mechanisms of the behavioural effects of cytokines. <i>Advances in Experimental Medicine and Biology</i> , 1999 , 461, 83-105	3.6	66
12	Molecular basis of sickness behavior. <i>Annals of the New York Academy of Sciences</i> , 1998 , 856, 132-8	6.5	200
11	Cytokines and sickness behavior. <i>Annals of the New York Academy of Sciences</i> , 1998 , 840, 586-90	6.5	198
10	Blockade of brain type II interleukin-1 receptors potentiates IL1beta-induced anorexia in mice. <i>Neuroscience Letters</i> , 1998 , 246, 101-4	3.3	22
9	Interleukin-1 receptor accessory protein interacts with the type II interleukin-1 receptor. <i>FEBS Letters</i> , 1998 , 429, 299-302	3.8	62
8	Human/mouse interleukin-1 receptor/receptor accessory protein interactions in IL-1beta-induced NFkappaB activation. <i>FEBS Letters</i> , 1998 , 429, 307-11	3.8	8
7	Regulation of cytokine gene expression in the central nervous system by glucocorticoids: mechanisms and functional consequences. <i>Psychoneuroendocrinology</i> , 1997 , 22 Suppl 1, S75-80	5	43
6	Effects of lipopolysaccharide and glucocorticoids on expression of interleukin-1 beta converting enzyme in the pituitary and brain of mice. <i>Journal of Neuroimmunology</i> , 1996 , 68, 61-6	3.5	36
5	Adrenalectomy enhances pro-inflammatory cytokines gene expression, in the spleen, pituitary and brain of mice in response to lipopolysaccharide. <i>Molecular Brain Research</i> , 1996 , 36, 53-62		110
4	Cytokine Actions on Behavior. <i>Neuroscience Intelligence Unit</i> , 1996 , 117-144		24
3	Stress downregulates lipopolysaccharide-induced expression of proinflammatory cytokines in the spleen, pituitary, and brain of mice. <i>Brain, Behavior, and Immunity</i> , 1995 , 9, 292-303	16.6	93
2	Peripheral administration of lipopolysaccharide induces the expression of cytokine transcripts in the brain and pituitary of mice. <i>Molecular Brain Research</i> , 1994 , 27, 157-62		427
1	Inflammation-Mediated Cognitive and Emotional Alterations in Experimental Models of Metabolic Syndrome		515-527