Aniko Korosi

List of Publications by Citations

79 papers	2,614 citations	30 h-index	50 g-index
94 ext. papers	3,309 ext. citations	5.5 avg, IF	5.11 L-index

#	Paper	IF	Citations
79	Chronic early life stress alters developmental and adult neurogenesis and impairs cognitive function in mice. *Hippocampus*, **2015**, 25, 309-28	3.5	171
78	Chronic early life stress induced by limited bedding and nesting (LBN) material in rodents: critical considerations of methodology, outcomes and translational potential. *Stress*, **2017**, 20, 421-448	3	169
77	Early-life stress mediated modulation of adult neurogenesis and behavior. *Behavioural Brain Research*, **2012**, 227, 400-9	3.4	141
76	Perinatal programming of adult hippocampal structure and function; emerging roles of stress, nutrition and epigenetics. *Trends in Neurosciences*, **2013**, 36, 621-31	13.3	131
75	Early-life experience reduces excitation to stress-responsive hypothalamic neurons and reprograms the expression of corticotropin-releasing hormone. *Journal of Neuroscience*, **2010**, 30, 703-13	6.6	129
74	Regulation of Adult Neurogenesis and Plasticity by (Early) Stress, Glucocorticoids, and Inflammation. *Cold Spring Harbor Perspectives in Biology*, **2015**, 7, a021303	10.2	101
73	Food for thought: how nutrition impacts cognition and emotion. *Npj Science of Food*, **2017**, 1, 7	6.3	84
72	The central corticotropin releasing factor system during development and adulthood. *European Journal of Pharmacology*, **2008**, 583, 204-14	5.3	84
71	Poor cognitive ageing: Vulnerabilities, mechanisms and the impact of nutritional interventions. *Ageing Research Reviews*, **2018**, 42, 40-55	12	83
70	Emerging roles of epigenetic mechanisms in the enduring effects of early-life stress and experience on learning and memory. *Neurobiology of Learning and Memory*, **2011**, 96, 79-88	3.1	80
69	Early-life stress lastingly alters the neuroinflammatory response to amyloid pathology in an Alzheimer's disease mouse model. *Brain, Behavior, and Immunity*, **2017**, 63, 160-175	16.6	76
68	Overexpression of corticotropin-releasing hormone in transgenic mice and chronic stress-like autonomic and physiological alterations. *European Journal of Neuroscience*, **2002**, 16, 1751-60	3.5	75
67	The pathways from mother's love to baby's future. *Frontiers in Behavioral Neuroscience*, **2009**, 3, 27	3.5	74
66	Early life adversity: Lasting consequences for emotional learning. *Neurobiology of Stress*, **2017**, 6, 14-21	7.6	62
65	NRSF-dependent epigenetic mechanisms contribute to programming of stress-sensitive neurons by neonatal experience, promoting resilience. *Molecular Psychiatry*, **2018**, 23, 648-657	15.1	62
64	Chronic ether stress-induced response of urocortin 1 neurons in the Edinger-Westphal nucleus in the mouse. *Brain Research*, **2005**, 1046, 172-9	3.7	59
63	Microglial Priming and Alzheimer's Disease: A Possible Role for (Early) Immune Challenges and Epigenetics?. *Frontiers in Human Neuroscience*, **2016**, 10, 398	3.3	59

62	Distribution and expression of CRF receptor 1 and 2 mRNAs in the CRF over-expressing mouse brain. *Brain Research*, **2006**, 1072, 46-54	3.7	58
61	Plasticity of the stress response early in life: mechanisms and significance. *Developmental Psychobiology*, **2010**, 52, 661-70	3	57
60	The interplay of early-life stress, nutrition, and immune activation programs adult hippocampal structure and function. *Frontiers in Molecular Neuroscience*, **2014**, 7, 103	6.1	53
59	Exposure to chronic early-life stress lastingly alters the adipose tissue, the leptin system and changes the vulnerability to western-style diet later in life in mice. *Psychoneuroendocrinology*, **2017**, 77, 186-195	5	46
58	Early-life adversity programs emotional functions and the neuroendocrine stress system: the contribution of nutrition, metabolic hormones and epigenetic mechanisms. *Stress*, **2015**, 18, 328-42	3	46
57	Urocortin expression in the Edinger-Westphal nucleus is down-regulated in transgenic mice over-expressing neuronal corticotropin-releasing factor. *Neuroscience*, **2004**, 123, 589-94	3.9	43
56	Vulnerability and resilience to Alzheimer's disease: early life conditions modulate neuropathology and determine cognitive reserve. *Alzheimer's Research and Therapy*, **2018**, 10, 95	9	43
55	Neuropeptide Y activates urocortin 1 neurons in the nonpreganglionic Edinger-Westphal nucleus. *Journal of Comparative Neurology*, **2007**, 500, 708-19	3.4	42
54	Synaptic rewiring of stress-sensitive neurons by early-life experience: a mechanism for resilience?. *Neurobiology of Stress*, **2015**, 1, 109-115	7.6	40
53	Corticotropin-releasing factor, urocortin 1, and their receptors in the mouse spinal cord. *Journal of Comparative Neurology*, **2007**, 502, 973-89	3.4	38
52	Early micronutrient supplementation protects against early stress-induced cognitive impairments. *FASEB Journal*, **2017**, 31, 505-518	0.9	35
51	On the occurrence of the Asiatic cyprinid Pseudorasbora parva in the Netherlands. *Journal of Fish Biology*, **2006**, 69, 1575-1580	1.9	34
50	The absence of maternal pineal melatonin rhythm during pregnancy and lactation impairs offspring physical growth, neurodevelopment, and behavior. *Hormones and Behavior*, **2018**, 105, 146-156	3.7	30
49	The involvement of astrocytes in early-life adversity induced programming of the brain. *Glia*, **2019**, 67, 1637-1653	9	25
48	Stressing new neurons into depression?. *Molecular Psychiatry*, **2013**, 18, 396-7	15.1	25
47	Individual variation in paternal responses of virgin male California mice (Peromyscus californicus): behavioral and physiological correlates. *Physiological and Biochemical Zoology*, **2012**, 85, 740-51	2	25
46	A preclinical perspective on the enhanced vulnerability to Alzheimer's disease after early-life stress. *Neurobiology of Stress*, **2018**, 8, 172-185	7.6	22
45	Ghrelin and hypothalamic NPY/AgRP expression in mice are affected by chronic early-life stress exposure in a sex-specific manner. *Psychoneuroendocrinology*, **2017**, 86, 73-77	5	22

44	Reproduction, Growth, and Migration of Fishes in a Regulated Lowland Tributary: Potential Recruitment to the River Meuse. *Hydrobiologia*, **2006**, 565, 105-120	2.4	22
43	The link between maternal obesity and offspring neurobehavior: A systematic review of animal experiments. *Neuroscience and Biobehavioral Reviews*, **2019**, 98, 107-121	9	22
42	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
41	Increasing availability of ⊟B fatty acid in the early-life diet prevents the early-life stress-induced cognitive impairments without affecting metabolic alterations. *FASEB Journal*, **2019**, 33, 5729-5740	0.9	16
40	No role for vitamin D or a moderate fat diet in aging induced cognitive decline and emotional reactivity in C57BL/6 mice. *Behavioural Brain Research*, **2014**, 267, 133-43	3.4	16
39	Diurnal expression of period 2 and urocortin 1 in neurones of the non-preganglionic Edinger-Westphal nucleus in the rat. *Stress*, **2009**, 12, 115-24	3	16
38	Accurate measurement of the essential micronutrients methionine, homocysteine, vitamins B6, B12, B9 and their metabolites in plasma, brain and maternal milk of mice using LC/MS ion trap analysis. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2015**, 998-999, 106-13	3.2	14
37	Early-life stress diminishes the increase in neurogenesis after exercise in adult female mice. *Hippocampus*, **2017**, 27, 839-844	3.5	13
36	Antibodies Against SARS-CoV-2 in Human Milk: Milk Conversion Rates in the Netherlands. *Journal of Human Lactation*, **2021**, 37, 469-476	2.6	10
35	The Levels of SARS-CoV-2 Specific Antibodies in Human Milk Following Vaccination. *Journal of Human Lactation*, **2021**, 37, 477-484	2.6	10
34	Characterization of astrocytes throughout life in wildtype and APP/PS1 mice after early-life stress exposure. *Journal of Neuroinflammation*, **2020**, 17, 91	10.1	9
33	The continued need for animals to advance brain research. *Neuron*, **2021**, 109, 2374-2379	13.9	9
32	The Effects of Early Life Stress, Postnatal Diet Modulation, and Long-Term Western-Style Diet on Later-Life Metabolic and Cognitive Outcomes. *Nutrients*, **2020**, 12,	6.7	8
31	Hyperleptinemia in Neonatally Overfed Female Rats Does Not Dysregulate Feeding Circuitry. *Frontiers in Endocrinology*, **2017**, 8, 287	5.7	8
30	Early-Life Stress Does Not Aggravate Spatial Memory or the Process of Hippocampal Neurogenesis in Adult and Middle-Aged APP/PS1 Mice. *Frontiers in Aging Neuroscience*, **2018**, 10, 61	5.3	7
29	The age-related slow increase in amyloid pathology in APP.V717I mice activates microglia, but does not alter hippocampal neurogenesis. *Neurobiology of Aging*, **2018**, 61, 112-123	5.6	6
28	Differential contribution of CBP:CREB binding to corticotropin-releasing hormone expression in the infant and adult hypothalamus. *Stress*, **2014**, 17, 39-50	3	6
27	Combining lipidomics and machine learning to measure clinical lipids in dried blood spots. *Metabolomics*, **2020**, 16, 83	4.7	6

26	Effects of Early-Life Stress, Postnatal Diet Modulation and Long-Term Western-Style Diet on Peripheral and Central Inflammatory Markers. *Nutrients*, **2021**, 13,	6.7	5
25	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
24	Early life stress decreases cell proliferation and the number of putative adult neural stem cells in the adult hypothalamus. *Stress*, **2021**, 24, 189-195	3	4
23	Comparison of SARS-CoV-2-Specific Antibodies in Human Milk after mRNA-Based COVID-19 Vaccination and Infection.. *Vaccines*, **2021**, 9,	5.3	4
22	Apolipoprotein E and sex modulate fatty acid metabolism in a prospective observational study of cognitive decline.. *Alzheimer's Research and Therapy*, **2022**, 14, 1	9	3
21	Caffeine Compromises Proliferation of Human Hippocampal Progenitor Cells. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 806	5.7	3
20	Maternal Lipid Concentrations during Early Pregnancy and Eating Behaviour and Energy Intake in the Offspring. *Nutrients*, **2018**, 10,	6.7	2
19	Early Life Stress- and Sex-Dependent Effects on Hippocampal Neurogenesis **2017**, 135-146		2
18	The Effect of Pasteurization on the Antioxidant Properties of Human Milk: A Literature Review. *Antioxidants*, **2021**, 10,	7.1	2
17	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
16	The orphan nuclear receptor TLX: an emerging master regulator of cross-talk between microglia and neural precursor cells. *Neuronal Signaling*, **2019**, 3, NS20180208	3.7	2
15	Consequences of Early-Life Experiences on Cognition and Emotion **2013**,		2
14	Modulation of the Hypothalamic Nutrient Sensing Pathways by Sex and Early-Life Stress. *Frontiers in Neuroscience*, **2021**, 15, 695367	5.1	2
13	Effects of early-life stress on peripheral and central mitochondria in male mice across ages. *Psychoneuroendocrinology*, **2021**, 132, 105346	5	2
12	Adult food choices depend on sex and exposure to early-life stress: Underlying brain circuitry, adipose tissue adaptations and metabolic responses. *Neurobiology of Stress*, **2021**, 15, 100360	7.6	2
11	Human milk: From complex tailored nutrition to bioactive impact on child cognition and behavior.. *Critical Reviews in Food Science and Nutrition*, **2022**, 1-38	11.5	2
10	Dysregulated functional brain connectivity in response to acute social-evaluative stress in adolescents with PTSD symptoms. *Hå□re Utbildning*, **2021**, 12, 1880727	5	1
9	Comparing the human milk antibody response after vaccination with four COVID-19 vaccines: A prospective, longitudinal cohort study in the Netherlands.. *EClinicalMedicine*, **2022**, 101393	11.3	1

8	The Effect of Polyphenols on Working and Episodic Memory in Non-pathological and Pathological Aging: A Systematic Review and Meta-Analysis.. *Frontiers in Nutrition*, **2021**, 8, 720756	6.2	0
7	Early-life stress does not alter spatial memory performance, hippocampal neurogenesis, neuroinflammation, or telomere length in 20-month-old male mice. *Neurobiology of Stress*, **2021**, 15, 100379	7.6	0
6	Sex-dependence and comorbidities of the early-life adversity induced mental and metabolic disease risks: where are we at?. *Neuroscience and Biobehavioral Reviews*, **2022**, 104627	9	0
5	Early-life stress affects microglia, possible modulation by dietary fatty acids. *European Neuropsychopharmacology*, **2019**, 29, S520-S521	1.2	
4	S.01.02 The interplay between early-life stress and neuroinflammation on structure and function of the brain throughout life. *European Neuropsychopharmacology*, **2019**, 29, S4-S5	1.2	
3	Use of stream mouth habitats byCottus perifretumandLeuciscus cephalusalong the River Meuse (the Netherlands). *Folia Zoologica*, **2010**, 59, 44-50	1.3	
2	Stress and Its Main Target System: Role of the HPA Axis **2022**, 510-516		
1	The Potential Role of Nutrition in Modulating the Long-Term Consequences of Early-Life Stress.. *Nestle Nutrition Institute Workshop Series*, **2021**, 96, 116-129	1.9	