Aniko Korosi

List of Publications by Year
in descending order

83	3,815	126708	138251
papers	citations	33 h-index	58 g-index

94	94	94	4667
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	0.8	263
2	Chronic early life stress alters developmental and adult neurogenesis and impairs cognitive function in mice. Hippocampus, 2015, 25, 309-328.	0.9	232
3	Early-life stress mediated modulation of adult neurogenesis and behavior. Behavioural Brain Research, 2012, 227, 400-409.	1.2	167
4	Perinatal programming of adult hippocampal structure and function; emerging roles of stress, nutrition and epigenetics. Trends in Neurosciences, 2013, 36, 621-631.	4.2	157
5	Food for thought: how nutrition impacts cognition and emotion. Npj Science of Food, 2017, 1, 7.	2.5	154
6	Early-Life Experience Reduces Excitation to Stress-Responsive Hypothalamic Neurons and Reprograms the Expression of Corticotropin-Releasing Hormone. Journal of Neuroscience, 2010, 30, 703-713.	1.7	150
7	Poor cognitive ageing: Vulnerabilities, mechanisms and the impact of nutritional interventions. Ageing Research Reviews, 2018, 42, 40-55.	5.0	136
8	Regulation of Adult Neurogenesis and Plasticity by (Early) Stress, Glucocorticoids, and Inflammation. Cold Spring Harbor Perspectives in Biology, 2015, 7, a021303.	2.3	123
9	Early-life stress lastingly alters the neuroinflammatory response to amyloid pathology in an Alzheimerâ€™s disease mouse model. Brain, Behavior, and Immunity, 2017, 63, 160-175.	2.0	107
10	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.	1.0	100
11	The central corticotropin releasing factor system during development and adulthood. European Journal of Pharmacology, 2008, 583, 204-214.	1.7	96
12	Early life adversity: Lasting consequences for emotional learning. Neurobiology of Stress, 2017, 6, 14-21.	1.9	91
13	NRSF-dependent epigenetic mechanisms contribute to programming of stress-sensitive neurons by neonatal experience, promoting resilience. Molecular Psychiatry, 2018, 23, 648-657.	4.1	85
14	The pathways from mother's love to baby's future. Frontiers in Behavioral Neuroscience, 2009, 3, 27.	1.0	81
15	Overexpression of corticotropin-releasing hormone in transgenic mice and chronic stress-like autonomic and physiological alterations. European Journal of Neuroscience, 2002, 16, 1751-1760.	1.2	79
16	Microglial Priming and Alzheimerâ€™s Disease: A Possible Role for (Early) Immune Challenges and Epigenetics?. Frontiers in Human Neuroscience, 2016, 10, 398.	1.0	79
17	Vulnerability and resilience to Alzheimerâ€™s disease: early life conditions modulate neuropathology and determine cognitive reserve. Alzheimer's Research and Therapy, 2018, 10, 95.	3.0	79
18	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.	1.3	72

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19	Chronic ether stress-induced response of urocortin 1 neurons in the Edingerâ€“Westphal nucleus in the mouse. Brain Research, 2005, 1046, 172-179.	1.1	66
20	Plasticity of the stress response early in life: Mechanisms and significance. Developmental Psychobiology, 2010, 52, 661-670.	0.9	66
21	The involvement of astrocytes in earlyâ€life adversity induced programming of the brain. Glia, 2019, 67, 1637-1653.	2.5	66
22	The interplay of early-life stress, nutrition, and immune activation programs adult hippocampal structure and function. Frontiers in Molecular Neuroscience, 2015, 7, 103.	1.4	64
23	Distribution and expression of CRF receptor 1 and 2 mRNAs in the CRF over-expressing mouse brain. Brain Research, 2006, 1072, 46-54.	1.1	63
24	Early-life adversity programs emotional functions and the neuroendocrine stress system: the contribution of nutrition, metabolic hormones and epigenetic mechanisms. Stress, 2015, 18, 328-342.	0.8	59
25	Synaptic rewiring of stress-sensitive neurons by early-life experience: A mechanism for resilience?. Neurobiology of Stress, 2015, 1, 109-115.	1.9	50
26	Early micronutrient supplementation protects against early stressâ€induced cognitive impairments. FASEB Journal, 2017, 31, 505-518.	0.2	49
27	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.	1.0	48
28	Urocortin expression in the Edinger-Westphal nucleus is down-regulated in transgenic mice over-expressing neuronal corticotropin-releasing factor. Neuroscience, 2004, 123, 589-594.	1.1	46
29	Neuropeptide Y activates urocortin 1 neurons in the nonpreganglionic Edinger-Westphal nucleus. Journal of Comparative Neurology, 2007, 500, 708-719.	0.9	45
30	A preclinical perspective on the enhanced vulnerability to Alzheimer's disease after early-life stress. Neurobiology of Stress, 2018, 8, 172-185.	1.9	45
31	On the occurrence of the Asiatic cyprinid Pseudorasbora parva in the Netherlands. Journal of Fish Biology, 2006, 69, 1575-1580.	0.7	43
32	Corticotropin-releasing factor, urocortin 1, and their receptors in the mouse spinal cord. Journal of Comparative Neurology, 2007, 502, 973-989.	0.9	40
33	Dietâ€Related Metabolites Associated with Cognitive Decline Revealed by Untargeted Metabolomics in a Prospective Cohort. Molecular Nutrition and Food Research, 2019, 63, e1900177.	1.5	40
34	The Levels of SARS-CoV-2 Specific Antibodies in Human Milk Following Vaccination. Journal of Human Lactation, 2021, 37, 477-484.	0.8	40
35	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.	1.3	39
36	Antibodies Against SARS-CoV-2 in Human Milk: Milk Conversion Rates in the Netherlands. Journal of Human Lactation, 2021, 37, 469-476.	0.8	38

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37	Increasing availability of Ï‰â€3 fatty acid in the earlyâ€life diet prevents the earlyâ€life stressâ€induced cognitive impairments without affecting metabolic alterations. FASEB Journal, 2019, 33, 5729-5740.	0.2	36
38	The continued need for animals to advance brain research. Neuron, 2021, 109, 2374-2379.	3.8	36
39	The link between maternal obesity and offspring neurobehavior: A systematic review of animal experiments. Neuroscience and Biobehavioral Reviews, 2019, 98, 107-121.	2.9	31
40	Apolipoprotein E and sex modulate fatty acid metabolism in a prospective observational study of cognitive decline. Alzheimer's Research and Therapy, 2022, 14, 1.	3.0	31
41	Individual Variation in Paternal Responses of Virgin Male California Mice (<i>Peromyscus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2012, 85, 740-751.	0.6	27
42	Reproduction, Growth, and Migration of Fishes in a Regulated Lowland Tributary: Potential Recruitment to the River Meuse. Hydrobiologia, 2006, 565, 105-120.	1.0	26
43	Stressing new neurons into depression?. Molecular Psychiatry, 2013, 18, 396-397.	4.1	26
44	How the COVID-19 pandemic highlights the necessity of animal research. Current Biology, 2020, 30, R1014-R1018.	1.8	26
45	Characterization of astrocytes throughout life in wildtype and APP/PS1 mice after early-life stress exposure. Journal of Neuroinflammation, 2020, 17, 91.	3.1	23
46	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, 133-143.	1.2	22
47	Earlyâ€life stress diminishes the increase in neurogenesis after exercise in adult female mice. Hippocampus, 2017, 27, 839-844.	0.9	21
48	Diurnal expression of period 2 and urocortin 1 in neurones of the non-preganglionic Edinger-Westphal nucleus in the rat. Stress, 2009, 12, 115-124.	0.8	20
49	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.	2.7	20
50	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, 106-113.	1.2	18
51	Food and Microbiota Metabolites Associate with Cognitive Decline in Older Subjects: A 12â€Year Prospective Study. Molecular Nutrition and Food Research, 2021, 65, e2100606.	1.5	17
52	Human milk: From complex tailored nutrition to bioactive impact on child cognition and behavior. Critical Reviews in Food Science and Nutrition, 2023, 63, 7945-7982.	5.4	17
53	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, 570.	1.7	15
54	Comparing the human milk antibody response after vaccination with four COVID-19 vaccines: A prospective, longitudinal cohort study in the Netherlands. EClinicalMedicine, 2022, 47, 101393.	3.2	15

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55	Effects of early-life stress on peripheral and central mitochondria in male mice across ages. Psychoneuroendocrinology, 2021, 132, 105346.	1.3	14
56	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.	1.6	14
57	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.	1.7	13
58	Early life stress decreases cell proliferation and the number of putative adult neural stem cells in the adult hypothalamus. Stress, 2021, 24, 189-195.	0.8	13
59	Comparison of SARS-CoV-2-Specific Antibodies in Human Milk after mRNA-Based COVID-19 Vaccination and Infection. Vaccines, 2021, 9, 1475.	2.1	13
60	Environmental Control of Adult Neurogenesis: From Hippocampal Homeostasis to Behavior and Disease. Neural Plasticity, 2014, 2014, 1-3.	1.0	12
61	Combining lipidomics and machine learning to measure clinical lipids in dried blood spots. Metabolomics, 2020, 16, 83.	1.4	12
62	Effects of Early-Life Stress, Postnatal Diet Modulation and Long-Term Western-Style Diet on Peripheral and Central Inflammatory Markers. Nutrients, 2021, 13, 288.	1.7	12
63	The serum metabolome mediates the concert of diet, exercise, and neurogenesis, determining the risk for cognitive decline and dementia. Alzheimer's and Dementia, 2022, 18, 654-675.	0.4	12
64	Caffeine Compromises Proliferation of Human Hippocampal Progenitor Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 806.	1.8	11
65	Hyperleptinemia in Neonatally Overfed Female Rats Does Not Dysregulate Feeding Circuitry. Frontiers in Endocrinology, 2017, 8, 287.	1.5	10
66	Sex-dependence and comorbidities of the early-life adversity induced mental and metabolic disease risks: Where are we at?. Neuroscience and Biobehavioral Reviews, 2022, 138, 104627.	2.9	10
67	Maternal Lipid Concentrations during Early Pregnancy and Eating Behaviour and Energy Intake in the Offspring. Nutrients, 2018, 10, 1026.	1.7	8
68	Modulation of the Hypothalamic Nutrient Sensing Pathways by Sex and Early-Life Stress. Frontiers in Neuroscience, 2021, 15, 695367.	1.4	8
69	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.	1.9	8
70	Dysregulated functional brain connectivity in response to acute social-evaluative stress in adolescents with PTSD symptoms. HÃ¶gre Utbildning, 2021, 12, 1880727.	1.4	7
71	The Effect of Pasteurization on the Antioxidant Properties of Human Milk: A Literature Review. Antioxidants, 2021, 10, 1737.	2.2	7
72	Differential contribution of CBP:CREB binding to corticotropin-releasing hormone expression in the infant and adult hypothalamus. Stress, 2014, 17, 39-50.	0.8	6

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73	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.	1.5	6
74	The orphan nuclear receptor TLX: an emerging master regulator of cross-talk between microglia and neural precursor cells. Neuronal Signaling, 2019, 3, NS20180208.	1.7	5
75	Early Life Stress- and Sex-Dependent Effects on Hippocampal Neurogenesis. , 2017, , 135-146.		4
76	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.	1.9	4
77	The Role of the Gut Microbiota in the Effects of Early-Life Stress and Dietary Fatty Acids on Later-Life Central and Metabolic Outcomes in Mice. MSystems, 2022, 7, .	1.7	4
78	Consequences of Early-Life Experiences on Cognition and Emotion. , 2013, , .		2
79	Use of stream mouth habitats byCottus perifretumandLeuciscus cephalusalong the River Meuse (the) Tj ETQq1 1 0.784314 rgBT /Ove	0.9	0
80	Early-life stress affects microglia, possible modulation by dietary fatty acids. European Neuropsychopharmacology, 2019, 29, S520-S521.	0.3	0
81	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.	0.3	0
82	Stress and Its Main Target System: Role of the HPA Axis. , 2022, , 510-516.		0
83	The Potential Role of Nutrition in Modulating the Long-Term Consequences of Early-Life Stress. Nestle Nutrition Institute Workshop Series, 2022, 96, 116-129.	1.5	0