

Mehmet Cansev

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,852
citations

304743

22
h-index

276875

41
g-index

62
all docs

62
docs citations

62
times ranked

1905
citing authors

#	ARTICLE	IF	CITATIONS
1	Oral supplementation with docosahexaenoic acid and uridine-5â€™-monophosphate increases dendritic spine density in adult gerbil hippocampus. <i>Brain Research</i> , 2007, 1182, 50-59.	2.2	169
2	Synaptic proteins and phospholipids are increased in gerbil brain by administering uridine plus docosahexaenoic acid orally. <i>Brain Research</i> , 2006, 1088, 83-92.	2.2	148
3	Uridine and cytidine in the brain: Their transport and utilization. <i>Brain Research Reviews</i> , 2006, 52, 389-397.	9.0	145
4	Use of Phosphatide Precursors to Promote Synaptogenesis. <i>Annual Review of Nutrition</i> , 2009, 29, 59-87.	10.1	123
5	Chronic administration of docosahexaenoic acid or eicosapentaenoic acid, but not arachidonic acid, alone or in combination with uridine, increases brain phosphatide and synaptic protein levels in gerbils. <i>Neuroscience</i> , 2007, 148, 421-431.	2.3	89
6	Restorative effects of uridine plus docosahexaenoic acid in a rat model of Parkinson's disease. <i>Neuroscience Research</i> , 2008, 62, 206-209.	1.9	77
7	Oral administration of circulating precursors for membrane phosphatides can promote the synthesis of new brain synapses. <i>Alzheimer's and Dementia</i> , 2008, 4, S153-68.	0.8	77
8	Synapse formation is enhanced by oral administration of uridine and DHA, the circulating precursors of brain phosphatides. <i>Journal of Nutrition, Health and Aging</i> , 2009, 13, 189-197.	3.3	70
9	Nutritional approaches in the risk reduction and management of Alzheimer's disease. <i>Nutrition</i> , 2013, 29, 1080-1089.	2.4	67
10	Oral uridine-5â€™-monophosphate (UMP) increases brain CDP-choline levels in gerbils. <i>Brain Research</i> , 2005, 1058, 101-108.	2.2	57
11	Nutritional modifiers of aging brain function: use of uridine and other phosphatide precursors to increase formation of brain synapses. <i>Nutrition Reviews</i> , 2010, 68, S88-S101.	5.8	52
12	Intravenously injected CDP-choline increases blood pressure and reverses hypotension in haemorrhagic shock: effect is mediated by central cholinergic activation. <i>European Journal of Pharmacology</i> , 2003, 468, 129-139.	3.5	50
13	Serum butyrylcholinesterase and paraoxonase 1 in a canine model of endotoxemia: Effects of choline administration. <i>Research in Veterinary Science</i> , 2012, 93, 668-674.	1.9	37
14	Giving Uridine and/or Docosahexaenoic Acid Orally to Rat Dams during Gestation and Nursing Increases Synaptic Elements in Brains of Weanling Pups. <i>Developmental Neuroscience</i> , 2009, 31, 181-192.	2.0	35
15	A specific multi-nutrient enriched diet enhances hippocampal cholinergic transmission in aged rats. <i>Neurobiology of Aging</i> , 2015, 36, 344-351.	3.1	33
16	Cardiovascular effects of CDP-choline and its metabolites: Involvement of peripheral autonomic nervous system. <i>European Journal of Pharmacology</i> , 2007, 577, 129-142.	3.5	31
17	CHOLINE OR CDP-CHOLINE ALTERS SERUM LIPID RESPONSES TO ENDOTOXIN IN DOGS AND RATS: INVOLVEMENT OF THE PERIPHERAL NICOTINIC ACETYLCHOLINE RECEPTORS. <i>Shock</i> , 2009, 32, 286-294.	2.1	30
18	Cytidine and Uridine Increase Striatal CDP-Choline Levels Without Decreasing Acetylcholine Synthesis or Release. <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 561-575.	3.3	27

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19	Intraperitoneal administration of CDP-choline or a combination of cytidine plus choline improves nerve regeneration and functional recovery in a rat model of sciatic nerve injury. <i>Neurological Research</i> , 2012, 34, 238-245.	1.3	26
20	Early Stage Alterations in CA1 Extracellular Region Proteins Indicate Dysregulation of IL6 and Iron Homeostasis in the 5XFAD Alzheimer's Disease Mouse Model. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1399-1410.	2.6	26
21	Peripheral administration of CDP-choline and its cholinergic metabolites increases serum insulin: Muscarinic and nicotinic acetylcholine receptors are both involved in their actions. <i>Neuroscience Letters</i> , 2008, 431, 71-76.	2.1	24
22	Choline or CDP-choline attenuates coagulation abnormalities and prevents the development of acute disseminated intravascular coagulation in dogs during endotoxemia. <i>Blood Coagulation and Fibrinolysis</i> , 2010, 21, 339-348.	1.0	23
23	Breast Milk Choline Contents Are Associated with Inflammatory Status of Breastfeeding Women. <i>Journal of Human Lactation</i> , 2014, 30, 161-166.	1.6	23
24	Regenerative effects of peptide nanofibers in an experimental model of Parkinson's disease. <i>Acta Biomaterialia</i> , 2016, 46, 79-90.	8.3	22
25	Changes in serum proteins after endotoxin administration in healthy and choline-treated calves. <i>BMC Veterinary Research</i> , 2016, 12, 210.	1.9	20
26	Long-term cognitive effects of uridine treatment in a neonatal rat model of hypoxic-ischemic encephalopathy. <i>Brain Research</i> , 2017, 1659, 81-87.	2.2	20
27	Administration of Docosahexaenoic Acid, Uridine and Choline Increases Levels of Synaptic Membranes and Dendritic Spines in Rodent Brain. <i>World Review of Nutrition and Dietetics</i> , 2008, 99, 71-96.	0.3	19
28	Neuroprotective effects of uridine in a rat model of neonatal hypoxic-ischemic encephalopathy. <i>Neuroscience Letters</i> , 2013, 542, 65-70.	2.1	19
29	Intraperitoneal administration of CDP-choline and its cholinergic and pyrimidineric metabolites induce hyperglycemia in rats: involvement of the sympathoadrenal system. <i>Archives of Physiology and Biochemistry</i> , 2007, 113, 186-201.	2.1	18
30	Choline, CDP-choline or phosphocholine increases plasma glucagon in rats: Involvement of the peripheral autonomic nervous system. <i>European Journal of Pharmacology</i> , 2008, 589, 315-322.	3.5	18
31	CDP-choline reduces severity of intestinal injury in a neonatal rat model of necrotizing enterocolitis. <i>Journal of Surgical Research</i> , 2013, 183, 119-128.	1.6	18
32	Peripheral administration of CDP-choline, phosphocholine or choline increases plasma adrenaline and noradrenaline concentrations. <i>Autonomic and Autacoid Pharmacology</i> , 2008, 28, 41-58.	0.5	17
33	Cytidine 5'-diphosphocholine ameliorates hyperoxic lung injury in a neonatal rat model. <i>Pediatric Research</i> , 2013, 74, 26-33.	2.3	17
34	Investigation of the dose-dependency of citicoline effects on nerve regeneration and functional recovery in a rat model of sciatic nerve injury. <i>Turkish Neurosurgery</i> , 2013, 24, 54-62.	0.2	17
35	Dietary Crude Lecithin Increases Systemic Availability of Dietary Docosahexaenoic Acid with Combined Intake in Rats. <i>Lipids</i> , 2016, 51, 833-846.	1.7	15
36	Choline and Its Products Acetylcholine and Phosphatidylcholine. , 2009, , 443-501.		15

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37	Protective Effects of Valproic Acid, a Histone Deacetylase Inhibitor, against Hyperoxic Lung Injury in a Neonatal Rat Model. <i>PLoS ONE</i> , 2015, 10, e0126028.	2.5	15
38	CDP-choline modulates matrix metalloproteinases in rat sciatic injury. <i>Journal of Surgical Research</i> , 2016, 200, 655-663.	1.6	14
39	Proteomics Analysis of CA1 Region of the Hippocampus in Pre-, Progression and Pathological Stages in a Mouse Model of the Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2019, 16, 613-621.	1.4	14
40	Uridine treatment protects against neonatal brain damage and long-term cognitive deficits caused by hyperoxia. <i>Brain Research</i> , 2017, 1676, 57-68.	2.2	13
41	4 Aromatic Amino Acids in the Brain. , 2007, , 59-97.		13
42	Evidence for the existence of pyrimidineric transmission in rat brain. <i>Neuropharmacology</i> , 2015, 91, 77-86.	4.1	12
43	Synaptogenesis: Modulation by Availability of Membrane Phospholipid Precursors. <i>NeuroMolecular Medicine</i> , 2016, 18, 426-440.	3.4	12
44	Involvement of Uridine-Nucleotide-Stimulated P2Y Receptors in Neuronal Growth and Function. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2007, 7, 223-229.	1.1	10
45	Uridine protects against hypoxic-ischemic brain injury by reducing histone deacetylase activity in neonatal rats. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 777-784.	0.7	10
46	Prevention of epidural fibrosis in rats by local or systemic administration of citicoline. <i>Turkish Neurosurgery</i> , 2012, 22, 634-40.	0.2	9
47	Synaptic Membrane Synthesis in Rats Depends on Dietary Sufficiency of Vitamin C, Vitamin E, and Selenium: Relevance for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 301-311.	2.6	8
48	Relations of Human Breastmilk Choline Content with Maternal Hormonal Status. <i>Breastfeeding Medicine</i> , 2014, 9, 39-41.	1.7	7
49	Serum choline and butyrylcholinesterase changes in response to endotoxin in calves receiving intravenous choline administration. <i>Research in Veterinary Science</i> , 2019, 125, 290-297.	1.9	7
50	Antioxidative effects of uridine in a neonatal rat model of hyperoxic brain injury. <i>Turkish Journal of Medical Sciences</i> , 2020, 50, 2059-2066.	0.9	7
51	The utility of serial plasma sE-selectin measurements in the prediction of retinopathy of prematurity in premature infants. <i>Early Human Development</i> , 2014, 90, 517-521.	1.8	4
52	Effects of choline treatment in concentrations of serum matrix metalloproteinases (MMPs), MMP tissue inhibitors (TIMPs) and immunoglobulins in an experimental model of canine sepsis. <i>Veterinary Immunology and Immunopathology</i> , 2016, 180, 9-14.	1.2	4
53	Effects of CDP-choline administration on learning and memory in REM sleep-deprived rats. <i>Physiology and Behavior</i> , 2020, 213, 112703.	2.1	4
54	Anti-apoptotic and anti-oxidant effects of systemic uridine treatment in an experimental model of sciatic nerve injury. <i>Turkish Neurosurgery</i> , 2020, 31, 373-378.	0.2	4

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55	CENTRAL CHOLINE SUPPRESSES PLASMA RENIN RESPONSE TO GRADED HAEMORRHAGE IN RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 1023-1031.	1.9	3
56	Effects of Hypoxia and Hyperosmosis on the Expression of Matrix MetalloProteinases in Broiler Lung Fibroblasts. <i>Avian Biology Research</i> , 2011, 4, 6-16.	0.9	2
57	Choline or CDP-choline restores hypotension and improves myocardial and respiratory functions in dogs with experimentally induced endotoxic shock. <i>Research in Veterinary Science</i> , 2021, 141, 116-128.	1.9	2
58	In vivo protective effect of Uridine, a pyrimidine nucleoside, on genotoxicity induced by Levodopa/Carbidopa in mice. <i>Food and Chemical Toxicology</i> , 2015, 82, 36-41.	3.6	1
59	Nasal secretory protein changes following intravenous choline administration in calves with experimentally induced endotoxaemia. <i>Veterinary Immunology and Immunopathology</i> , 2021, 233, 110197.	1.2	1
60	Changes in choline and cholinesterase in saliva of dogs with parvovirus infection. <i>Research in Veterinary Science</i> , 2021, 134, 147-149.	1.9	1
61	Oral Administration of Phosphatide Precursors Enhances Learning and Memory by Promoting Synaptogenesis. , 2011, , 489-504.		1