Alpaslan Dedeoglu

List of Publications by Year
in descending order

50 papers	6,882 citations	109264 35 h-index	197736 49 g-index
56 all docs	56 docs citations	56 times ranked	7635 citing authors

#	Article	IF	Citations
1	Mice Deficient in Cellular Glutathione Peroxidase Show Increased Vulnerability to Malonate, 3-Nitropropionic Acid, and 1-Methyl-4-Phenyl-1,2,5,6-Tetrahydropyridine. Journal of Neuroscience, 2000, 20, 1-7.	1.7	2,029
2	Neuroprotective Effects of Creatine in a Transgenic Mouse Model of Huntington's Disease. Journal of Neuroscience, 2000, 20, 4389-4397.	1.7	502
3	Therapeutic Effects of Coenzyme Q₁₀and Remacemide in Transgenic Mouse Models of Huntington's Disease. Journal of Neuroscience, 2002, 22, 1592-1599.	1.7	380
4	Therapeutic Effects of Cystamine in a Murine Model of Huntington's Disease. Journal of Neuroscience, 2002, 22, 8942-8950.	1.7	307
5	Creatine Increases Survival and Delays Motor Symptoms in a Transgenic Animal Model of Huntington's Disease. Neurobiology of Disease, 2001, 8, 479-491.	2.1	270
6	Histone deacetylase inhibitors prevent oxidative neuronal death independent of expanded polyglutamine repeats via an Sp1-dependent pathway. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4281-4286.	3.3	241
7	Increased oxidative damage to DNA in a transgenic mouse model of Huntington's disease. Journal of Neurochemistry, 2002, 79, 1246-1249.	2.1	214
8	Ibuprofen reduces Aî², hyperphosphorylated tau and memory deficits in Alzheimer mice. Brain Research, 2008, 1207, 225-236.	1.1	191
9	Creatine therapy provides neuroprotection after onset of clinical symptoms in Huntington's disease transgenic mice. Journal of Neurochemistry, 2003, 85, 1359-1367.	2.1	155
10	Magnetic resonance spectroscopic analysis of Alzheimer's disease mouse brain that express mutant human APP shows altered neurochemical profile. Brain Research, 2004, 1012, 60-65.	1.1	147
11	The Antiaging Protein Klotho Enhances Oligodendrocyte Maturation and Myelination of the CNS. Journal of Neuroscience, 2013, 33, 1927-1939.	1.7	142
12	Preliminary studies of a novel bifunctional metal chelator targeting Alzheimer's amyloidogenesis. Experimental Gerontology, 2004, 39, 1641-1649.	1.2	131
13	N-acetyl-L-cysteine improves survival and preserves motor performance in an animal model of familial amyotrophic lateral sclerosis. NeuroReport, 2000, 11, 2491-2493.	0.6	128
14	Application of MRS to mouse models of neurodegenerative illness. NMR in Biomedicine, 2007, 20, 216-237.	1.6	119
15	Increases in cortical glutamate concentrations in transgenic amyotrophic lateral sclerosis mice are attenuated by creatine supplementation. Journal of Neurochemistry, 2001, 77, 383-390.	2.1	118
16	Huntington's Disease of the Endocrine Pancreas: Insulin Deficiency and Diabetes Mellitus due to Impaired Insulin Gene Expression. Neurobiology of Disease, 2002, 11, 410-424.	2.1	114
17	Cytochrome C and Caspase-9 Expression in Huntington 's Disease. NeuroMolecular Medicine, 2002, 1, 183-196.	1.8	108
18	Lipoic acid improves survival in transgenic mouse models of Huntington's disease. NeuroReport, 2001, 12, 3371-3373.	0.6	105

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19	Mice with a Partial Deficiency of Manganese Superoxide Dismutase Show Increased Vulnerability to the Mitochondrial Toxins Malonate, 3-Nitropropionic Acid, and MPTP. Experimental Neurology, 2001, 167, 189-195.	2.0	103
20	Fingolimod modulates multiple neuroinflammatory markers in a mouse model of Alzheimerâ€™s disease. Scientific Reports, 2016, 6, 24939.	1.6	92
21	Combined administration of resolvin E1 and lipoxin A4 resolves inflammation in a murine model of Alzheimer's disease. Experimental Neurology, 2018, 300, 111-120.	2.0	86
22	Effects of an Inhibitor of Poly(ADP-Ribose) Polymerase, Desmethylselegiline, Trientine, and Lipoic Acid in Transgenic ALS Mice. Experimental Neurology, 2001, 168, 419-424.	2.0	82
23	Dichloroacetate exerts therapeutic effects in transgenic mouse models of Huntington's disease. Annals of Neurology, 2001, 50, 112-116.	2.8	79
24	Neuroprotective Effects of Synaptic Modulation in Huntington's Disease R6/2 Mice. Journal of Neuroscience, 2007, 27, 12908-12915.	1.7	78
25	Moderate exercise delays the motor performance decline in a transgenic model of ALS. Brain Research, 2010, 1313, 192-201.	1.1	75
26	Effects of CAG repeat length, HTT protein length and protein context on cerebral metabolism measured using magnetic resonance spectroscopy in transgenic mouse models of Huntington's disease. Journal of Neurochemistry, 2005, 95, 553-562.	2.1	74
27	Cdc42-interacting protein 4 binds to huntingtin: Neuropathologic and biological evidence for a role in Huntington's disease. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2712-2717.	3.3	69
28	7,8-Dihydroxyflavone improves motor performance and enhances lower motor neuronal survival in a mouse model of amyotrophic lateral sclerosis. Neuroscience Letters, 2014, 566, 286-291.	1.0	66
29	Therapeutic Efficacy of EGb761 (Gingko biloba Extract) in a Transgenic Mouse Model of Amyotrophic Lateral Sclerosis. Journal of Molecular Neuroscience, 2001, 17, 89-96.	1.1	62
30	Reduced creatine kinase activity in transgenic amyotrophic lateral sclerosis mice. Free Radical Biology and Medicine, 2002, 32, 920-926.	1.3	57
31	Anti-inflammatory treatment in AD mice protects against neuronal pathology. Experimental Neurology, 2010, 223, 377-384.	2.0	54
32	Mice Overexpressing 70-kDa Heat Shock Protein Show Increased Resistance to Malonate and 3-Nitropropionic Acid. Experimental Neurology, 2002, 176, 262-265.	2.0	44
33	Malonate and 3-Nitropropionic Acid Neurotoxicity Are Reduced in Transgenic Mice Expressing a Caspase-1 Dominant-Negative Mutant. Journal of Neurochemistry, 2002, 75, 847-852.	2.1	43
34	Magnetic resonance spectroscopy of regional brain metabolite markers in FALS mice and the effects of dietary creatine supplementation. European Journal of Neuroscience, 2009, 30, 2143-2150.	1.2	43
35	Dual dose-dependent effects of fingolimod in a mouse model of Alzheimerâ€™s disease. Scientific Reports, 2019, 9, 10972.	1.6	41
36	Protective effects of 7,8-dihydroxyflavone on neuropathological and neurochemical changes in a mouse model of Alzheimer's disease. European Journal of Pharmacology, 2018, 828, 9-17.	1.7	36

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37	3-Nitropropionic acid-induced neurotoxicity - assessed by ultra high resolution positron emission tomography with comparison to magnetic resonance spectroscopy. Journal of Neurochemistry, 2004, 89, 1206-1214.	2.1	33
38	Extralarge XLÎ±s (XXLÎ±s), a Variant of Stimulatory G Protein Î±-Subunit (GsÎ±), Is a Distinct, Membrane-Anchored GNAS Product that Can Mimic GsÎ±. Endocrinology, 2009, 150, 3567-3575.	1.4	32
39	R-flurbiprofen improves tau, but not AÃŸ pathology in a triple transgenic model of Alzheimer's disease. Brain Research, 2013, 1541, 115-127.	1.1	30
40	Anxiety, neuroinflammation, cholinergic and GABAergic abnormalities are early markers of Gulf War illness in a mouse model of the disease. Brain Research, 2018, 1681, 34-43.	1.1	30
41	Combination therapy in a transgenic model of Alzheimer's disease. Experimental Neurology, 2013, 250, 228-238.	2.0	29
42	Microglial response to experimental periodontitis in a murine model of Alzheimerâ€™s disease. Scientific Reports, 2020, 10, 18561.	1.6	26
43	Detection of increased scyllo-inositol in brain with magnetic resonance spectroscopy after dietary supplementation in Alzheimerâ€™s disease mouse models. Neuropharmacology, 2010, 59, 353-357.	2.0	25
44	Vasoactive Intestinal Peptide Decreases Î²-Amyloid Accumulation and Prevents Brain Atrophy in the 5xFAD Mouse Model of Alzheimerâ€™s Disease. Journal of Molecular Neuroscience, 2019, 68, 389-396.	1.1	22
45	Transgenic ALS Mice Show Increased Vulnerability to the Mitochondrial Toxins MPTP and 3-Nitropropionic Acid. Experimental Neurology, 2001, 168, 356-363.	2.0	19
46	The effects of aging, housing and ibuprofen treatment on brain neurochemistry in a triple transgene Alzheimerâ€™s disease mouse model using magnetic resonance spectroscopy and imaging. Brain Research, 2014, 1590, 85-96.	1.1	19
47	The Periodontal Pathogen Fusobacterium nucleatum Exacerbates Alzheimerâ€™s Pathogenesis via Specific Pathways. Frontiers in Aging Neuroscience, 0, 14, .	1.7	14
48	Functional modulation of G-protein coupled receptors during Parkinson disease-like neurodegeneration. Neuropharmacology, 2016, 108, 462-473.	2.0	9
49	A Preliminary Study of Cu Exposure Effects upon Alzheimerâ€™s Amyloid Pathology. Biomolecules, 2020, 10, 408.	1.8	5
50	Longitudinal monitoring of motor neuron circuitry in FALS rats using in-vivo phMRI. NeuroReport, 2010, 21, 157-162.	0.6	3