

# Deniz M Yilmazer-Hanke

## List of Publications by Year in descending order

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54  
papers

2,162  
citations

257450

24  
h-index

233421

45  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3057  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pattern of brain destruction in Parkinson's and Alzheimer's diseases. <i>Journal of Neural Transmission</i> , 1996, 103, 455-490.	2.8	309
2	Amygdala pathology in Parkinson's disease. <i>Acta Neuropathologica</i> , 1994, 88, 493-500.	7.7	258
3	Subregional Pathology of the Amygdala Complex and Entorhinal Region in Surgical Specimens From Patients With Pharmacoresistant Temporal Lobe Epilepsy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2000, 59, 907-920.	1.7	138
4	Different neuroinflammatory profile in amyotrophic lateral sclerosis and frontotemporal dementia is linked to the clinical phase. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 4-10.	1.9	96
5	Acute in utero exposure to lipopolysaccharide induces inflammation in the pre- and postnatal brain and alters the glial cytoarchitecture in the developing amygdala. <i>Journal of Neuroinflammation</i> , 2017, 14, 212.	7.2	88
6	Anxiety-related behavior and densities of glutamate, GABAA, acetylcholine and serotonin receptors in the amygdala of seven inbred mouse strains. <i>Behavioural Brain Research</i> , 2003, 145, 145-159.	2.2	86
7	The Corticotropin-Releasing Factor (CRF)-system and monoaminergic afferents in the central amygdala: Investigations in different mouse strains and comparison with the rat. <i>Neuroscience</i> , 2005, 131, 953-967.	2.3	85
8	<scp>GluN2C</scp>/<scp>GluN2D</scp> subunitâ€ selective <scp>NMDA</scp> receptor potentiator <scp>CIQ</scp> reverses <scp>MK</scp>â€ induced impairment in prepulse inhibition and working memory in <scp>Y</scp>â€ maze test in mice. <i>British Journal of Pharmacology</i> , 2014, 171, 799-809.	5.4	81
9	Contribution of amygdala neurons containing peptides and calcium-binding proteins to fear-potentiated startle and exploration-related anxiety in inbred Roman high- and low-avoidance rats. <i>European Journal of Neuroscience</i> , 2002, 15, 1206-1218.	2.6	76
10	Impaired Pavlovian fear extinction is a common phenotype across genetic lineages of the 129 inbred mouse strain. <i>Genes, Brain and Behavior</i> , 2009, 8, 744-752.	2.2	65
11	Topography of thalamic and parabrachial calcitonin geneâ€ related peptide (CGRP) immunoreactive neurons projecting to subnuclei of the amygdala and extended amygdala. <i>Journal of Comparative Neurology</i> , 2007, 505, 268-291.	1.6	59
12	Morphological correlates of emotional and cognitive behaviour: insights from studies on inbred and outbred rodent strains and their crosses. <i>Behavioural Pharmacology</i> , 2008, 19, 403-434.	1.7	49
13	Relationship between Clinical and Radiological Diagnostic Criteria for Alzheimerâ€™s Disease and the Extent of Neuropathology as Reflected by â€ Stagesâ€™: A Prospective Study. <i>Dementia and Geriatric Cognitive Disorders</i> , 1999, 10, 109-114.	1.5	43
14	Neonatal thyroxine treatment: changes in the number of corticotropin-releasing-factor (CRF) and neuropeptide Y (NPY) containing neurons and density of tyrosine hydroxylase positive fibers (TH) in the amygdala correlate with anxiety-related behavior of wistar rats. <i>Neuroscience</i> , 2004, 124, 283-297.	2.3	43
15	Cellular pathology of amygdala neurons in human temporal lobe epilepsy. <i>Acta Neuropathologica</i> , 2003, 106, 99-106.	7.7	42
16	Contribution of amygdala pathology to comorbid emotional disturbances in temporal lobe epilepsy. <i>Journal of Neuroscience Research</i> , 2016, 94, 486-503.	2.9	40
17	Interrelations between monoaminergic afferents and corticotropin-releasing factor-immunoreactive neurons in the rat central amygdaloid nucleus: ultrastructural evidence for dopaminergic control of amygdaloid stress systems. <i>Histochemistry and Cell Biology</i> , 2003, 120, 183-197.	1.7	39
18	Amygdala. , 2012, , 759-834.		37

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19	GABA <sub>A</sub> receptor subunits in the human amygdala and hippocampus: Immunohistochemical distribution of 7 subunits. <i>Journal of Comparative Neurology</i> , 2018, 526, 324-348.	1.6	35
20	Endothelial damage, vascular bagging and remodeling of the microvascular bed in human microangiopathy with deep white matter lesions. <i>Acta Neuropathologica Communications</i> , 2018, 6, 128.	5.2	33
21	Staging of Alzheimer-Type Pathology: An Interrater-Intrater Study. <i>Dementia and Geriatric Cognitive Disorders</i> , 1997, 8, 248-251.	1.5	32
22	Beta-synuclein in cerebrospinal fluid as an early diagnostic marker of Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 349-356.	1.9	31
23	Progression of Alzheimer-Related Neuritic Plaque Pathology in the Entorhinal Region, Perirhinal Cortex and Hippocampal Formation. <i>Dementia and Geriatric Cognitive Disorders</i> , 1999, 10, 70-76.	1.5	28
24	Two Wistar Rat Lines Selectively Bred for Anxiety-Related Behavior Show Opposite Reactions in Elevated Plus Maze and Fear-Sensitized Acoustic Startle Tests. <i>Behavior Genetics</i> , 2004, 34, 309-318.	2.1	27
25	Amitriptyline is efficacious in ameliorating muscle inflammation and depressive symptoms in the <i>mdx</i> mouse model of Duchenne muscular dystrophy. <i>Experimental Physiology</i> , 2014, 99, 1370-1386.	2.0	25
26	Effect of acute swim stress on plasma corticosterone and brain monoamine levels in bidirectionally selected DxH recombinant inbred mouse strains differing in fear recall and extinction. <i>Stress</i> , 2014, 17, 471-483.	1.8	22
27	Axo-somatic inhibition of projection neurons in the lateral nucleus of amygdala in human temporal lobe epilepsy: an ultrastructural study. <i>Experimental Brain Research</i> , 2007, 177, 384-399.	1.5	21
28	Comparison of two sensitization paradigms of the acoustic startle response in Wistar and Sprague-Dawley rats. <i>Behavior Genetics</i> , 1999, 29, 59-63.	2.1	19
29	Pregnancy rates, prenatal and postnatal survival of offspring, and litter sizes after reciprocal embryo transfer in DBA/2JHd, C3H/HeNCRl and NMRI mice. <i>Theriogenology</i> , 2012, 77, 1883-1893.	2.1	19
30	Expression of neuropeptide Y1 receptors in the amygdala and hippocampus and anxiety-like behavior associated with Ammon's horn sclerosis following intrahippocampal kainate injection in C57BL/6j mice. <i>Epilepsy and Behavior</i> , 2014, 37, 175-183.	1.7	18
31	Multiplexed chemogenetics in astrocytes and motoneurons restore blood-spinal cord barrier in ALS. <i>Life Science Alliance</i> , 2020, 3, e201900571.	2.8	18
32	Short-term down-regulation of the brain-specific, PtdIns(3,4,5)P3/Ins(1,3,4,5)P4-binding, adapter protein, p42IP4/centaurin-1 in rat brain after acoustic and electric stimulation. <i>Neurochemistry International</i> , 2004, 45, 89-93.	3.8	17
33	Histological correlates of postmortem ultra-high-resolution single-section MRI in cortical cerebral microinfarcts. <i>Acta Neuropathologica Communications</i> , 2020, 8, 33.	5.2	16
34	Molecular and functional properties of neurons in the human lateral amygdala. <i>Molecular and Cellular Neurosciences</i> , 2006, 31, 210-217.	2.2	14
35	Ultrastructural and functional characterization of satellitosis in the human lateral amygdala associated with Ammon's horn sclerosis. <i>Acta Neuropathologica</i> , 2009, 117, 545-555.	7.7	14
36	Two histological methods for recognition and study of cortical microinfarcts in thick sections. <i>European Journal of Histochemistry</i> , 2018, 62, .	1.5	14

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37	Emergent creativity in frontotemporal dementia. <i>Journal of Neural Transmission</i> , 2021, 128, 279-293.	2.8	14
38	IKK2/NF- $\kappa$ B Activation in Astrocytes Reduces amyloid $\beta$ Deposition: A Process Associated with Specific Microglia Polarization. <i>Cells</i> , 2021, 10, 2669.	4.1	13
39	In-depth characterization of a long-term, resuscitated model of acute subdural hematoma-induced brain injury. <i>Journal of Neurosurgery</i> , 2021, 134, 223-234.	1.6	12
40	Reduced number of CRF-containing neurons in the central amygdala correlated with enhanced locomotor activity following early postnatal corticosterone treatment in the Wistar rat. <i>Behavioural Brain Research</i> , 2005, 165, 221-228.	2.2	10
41	Differential effects of embryo transfer and maternal factors on anxiety-related behavior and numbers of neuropeptide Y (NPY) and parvalbumin (PARV) containing neurons in the amygdala of inbred C3H/HeN and DBA/2J mice. <i>Behavioural Brain Research</i> , 2006, 173, 163-168.	2.2	9
42	Maternal and Genetic Effects on Anxiety-Related Behavior of C3H/HeN, DBA/2J and NMRI Mice in a Motility-Box Following Blastocyst Transfer. <i>Behavior Genetics</i> , 2006, 36, 745-762.	2.1	9
43	Haploinsufficiency of TANK-binding kinase 1 prepones age-associated neuroinflammatory changes without causing motor neuron degeneration in aged mice. <i>Brain Communications</i> , 2020, 2, fcaa133.	3.3	9
44	Alterations in GABAA Receptor Subunit Expression in the Amygdala and Entorhinal Cortex in Human Temporal Lobe Epilepsy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 1022-1048.	1.7	8
45	Morphology of developing olfactory axons in the olfactory bulb of the rabbit ( <i>Oryctolagus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.6	6
46	Disrupted visceral feedback reduces locomotor activity and influences background contextual fear conditioning in C57BL/6J OlaHsd mice. <i>Behavioural Brain Research</i> , 2007, 182, 109-118.	2.2	6
47	Therapeutic concentrations of valproate but not amitriptyline increase neuropeptide Y (NPY) expression in the human SH-SY5Y neuroblastoma cell line. <i>Regulatory Peptides</i> , 2013, 186, 123-130.	1.9	6
48	Maternal and Genetic Effects on the Acoustic Startle Reflex and its Sensitization in C3H/HeN, DBA/2JHd and NMRI Mice Following Blastocyst Transfer. <i>Behavior Genetics</i> , 2008, 38, 596-611.	2.1	5
49	Alterations in prefrontal cortical serotonin and antidepressant-like behavior in a novel C3H/HeJxDBA/2J recombinant inbred mouse strain. <i>Behavioural Brain Research</i> , 2013, 236, 283-288.	2.2	4
50	Glutathione and Inter- $\beta$ -trypsin inhibitor heavy chain 3 (Itih3) mRNA levels in nicotine-treated Cd44 knockout mice. <i>Toxicology Reports</i> , 2018, 5, 759-764.	3.3	4
51	Separate sets of neurons of the central nucleus of the amygdala project to the substantia innominata and the caudal pontine reticular nucleus in the rat. <i>Neuroscience Letters</i> , 2005, 373, 130-133.	2.1	3
52	Density of acetylcholine esterase (AChE) and tyrosine hydroxylase (TH) containing fibers in the amygdala of roman high- and low-avoidance rats. <i>Neuroscience Letters</i> , 2016, 632, 114-118.	2.1	3
53	Premorbid de novo artistic creativity in frontotemporal dementia (FTD) syndromes. <i>Journal of Neural Transmission</i> , 2021, 128, 1813-1833.	2.8	3
54	Alpha2-adrenergic dysregulation in congenic DxH recombinant inbred mice selectively bred for a high fear-sensitized (H-FSS) startle response. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 188, 172835.	2.9	1