Pavel Katsel

List of Publications by Year
in descending order

41 papers	3,136 citations	186265 28 h-index	302126 39 g-index
45 all docs	45 docs citations	45 times ranked	4974 citing authors

#	Article	IF	Citations
1	Engagement of vascular early response genes typifies mild cognitive impairment. Alzheimer's and Dementia, 2022, 18, 1357-1369.	0.8	5
2	FSH blockade improves cognition in mice with Alzheimerâ€™s disease. Nature, 2022, 603, 470-476.	27.8	131
3	Molecular signature of extracellular matrix pathology in schizophrenia. European Journal of Neuroscience, 2021, 53, 3960-3987.	2.6	42
4	Transformative Network Modeling of Multi-omics Data Reveals Detailed Circuits, Key Regulators, and Potential Therapeutics for Alzheimerâ€™s Disease. Neuron, 2021, 109, 257-272.e14.	8.1	108
5	Molecular subtyping of Alzheimerâ€™s disease using RNA sequencing data reveals novel mechanisms and targets. Science Advances, 2021, 7, .	10.3	137
6	Multiscale causal networks identify VGF as a key regulator of Alzheimerâ€™s disease. Nature Communications, 2020, 11, 3942.	12.8	94
7	Comparison of brain connectomes by MRI and genomics and its implication in Alzheimerâ€™s disease. BMC Medicine, 2020, 18, 23.	5.5	6
8	The expression of long noncoding RNA NEAT1 is reduced in schizophrenia and modulates oligodendrocytes transcription. NPJ Schizophrenia, 2019, 5, 3.	3.6	44
9	CDT2â€controlled cell cycle reentry regulates the pathogenesis of Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 217-231.	0.8	28
10	Is Alzheimer disease a failure of mobilizing immune defense? Lessons from cognitively fit oldest-old. Dialogues in Clinical Neuroscience, 2019, 21, 7-19.	3.7	6
11	Moderate decline in select synaptic markers in the prefrontal cortex (BA9) of patients with Alzheimerâ€™s disease at various cognitive stages. Scientific Reports, 2018, 8, 938.	3.3	51
12	Overexpression of Truncated Human DISC1 Induces Appearance of Hindbrain Oligodendroglia in the Forebrain During Development. Schizophrenia Bulletin, 2018, 44, 515-524.	4.3	3
13	The Mount Sinai cohort of large-scale genomic, transcriptomic and proteomic data in Alzheimer's disease. Scientific Data, 2018, 5, 180185.	5.3	320
14	Microvascular anomaly conditions in psychiatric disease. Schizophrenia â€“ angiogenesis connection. Neuroscience and Biobehavioral Reviews, 2017, 77, 327-339.	6.1	58
15	[P2â€“107]: COMBINATION THERAPY OF TYPE 2 DIABETES MEDICATIONS AS A TREATMENT TARGET FOR ALZHEIMER DISEASE. Alzheimer's and Dementia, 2017, 13, P648.	0.8	1
16	Multiscale network modeling of oligodendrocytes reveals molecular components of myelin dysregulation in Alzheimerâ€™s disease. Molecular Neurodegeneration, 2017, 12, 82.	10.8	100
17	S4â€02â€03: Accelerating Medicines Partnership: Coâ€Expression Networks. Alzheimer's and Dementia, 2016, 12, P322.	0.8	0
18	Integrative network analysis of nineteen brain regions identifies molecular signatures and networks underlying selective regional vulnerability to Alzheimerâ€™s disease. Genome Medicine, 2016, 8, 104.	8.2	224

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19	Impaired mitochondrial energy metabolism as a novel risk factor for selective onset and progression of dementia in oldest-old subjects. Neuropsychiatric Disease and Treatment, 2015, 11, 565.	2.2	13
20	The triggering receptor expressed on myeloid cells 2 (TREM2) is associated with enhanced inflammation, neuropathological lesions and increased risk for Alzheimer's dementia. Alzheimer's and Dementia, 2015, 11, 1163-1170.	0.8	70
21	Non-viability of crossing the Alzheimer mouse model Tg2576 with the type 2 diabetes mouse model ob/ob. Neurobiology of Aging, 2014, 35, e19-e20.	3.1	13
22	O3-04-03: CROSS-TISSUE METHYLOMIC PROFILING IN ALZHEIMER'S DISEASE. , 2014, 10, P215-P215.		0
23	Cycle Checkpoint Abnormalities during Dementia: A Plausible Association with the Loss of Protection against Oxidative Stress in Alzheimerâ€™s Disease. PLoS ONE, 2013, 8, e68361.	2.5	46
24	Molecular and Genetic Evidence for Abnormalities in the Nodes of Ranvier in Schizophrenia. Archives of General Psychiatry, 2012, 69, 7.	12.3	97
25	A System-Level Transcriptomic Analysis of Schizophrenia Using Postmortem Brain Tissue Samples. Archives of General Psychiatry, 2012, 69, 1205.	12.3	94
26	Association of ApoE and LRP mRNA levels with dementia and AD neuropathology. Neurobiology of Aging, 2012, 33, 628.e1-628.e14.	3.1	32
27	Synaptic protein deficits are associated with dementia irrespective of extreme old age. Neurobiology of Aging, 2012, 33, 1125.e1-1125.e8.	3.1	26
28	Expression of mutant human DISC1 in mice supports abnormalities in differentiation of oligodendrocytes. Schizophrenia Research, 2011, 130, 238-249.	2.0	37
29	Astrocyte and Glutamate Markers in the Superficial, Deep, and White Matter Layers of the Anterior Cingulate Gyrus in Schizophrenia. Neuropsychopharmacology, 2011, 36, 1171-1177.	5.4	79
30	Microarray Database Mining and Cell Differentiation Defects in Schizophrenia. Advances in Experimental Medicine and Biology, 2011, 696, 67-74.	1.6	7
31	Increased expression of cholesterol transporter ABCA1 is highly correlated with severity of dementia in AD hippocampus. Brain Research, 2010, 1318, 167-177.	2.2	46
32	Increased expression of RXRÎ± in dementia: an early harbinger for the cholesterol dyshomeostasis?. Molecular Neurodegeneration, 2010, 5, 36.	10.8	29
33	Gene expression abnormalities and oligodendrocyte deficits in the internal capsule in schizophrenia. Schizophrenia Research, 2010, 120, 150-158.	2.0	64
34	PGC-1Î± Expression Decreases in the Alzheimer Disease Brain as a Function of Dementia. Archives of Neurology, 2009, 66, 352-61.	4.5	323
35	Transcriptional vulnerability of brain regions in Alzheimer's disease and dementia. Neurobiology of Aging, 2009, 30, 561-573.	3.1	77
36	Gain in Brain Immunity in the Oldest-Old Differentiates Cognitively Normal from Demented Individuals. PLoS ONE, 2009, 4, e7642.	2.5	50

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37	Abnormal Indices of Cell Cycle Activity in Schizophrenia and their Potential Association with Oligodendrocytes. Neuropsychopharmacology, 2008, 33, 2993-3009.	5.4	90
38	Variations in oligodendrocyte-related gene expression across multiple cortical regions: implications for the pathophysiology of schizophrenia. International Journal of Neuropsychopharmacology, 2007, 10, 565.	2.1	89
39	Gene Expression Alterations in the Sphingolipid Metabolism Pathways during Progression of Dementia and Alzheimerâ€™s Disease: A Shift Toward Ceramide Accumulation at the Earliest Recognizable Stages of Alzheimerâ€™s Disease?. Neurochemical Research, 2007, 32, 845-856.	3.3	213
40	The Human Homolog of the QKI Gene Affected in the Severe Dysmyelination â€œQuakingâ€•Mouse Phenotype: Downregulated in Multiple Brain Regions in Schizophrenia. American Journal of Psychiatry, 2006, 163, 1834-1837.	7.2	78
41	Variations in myelin and oligodendrocyte-related gene expression across multiple brain regions in schizophrenia: A gene ontology study. Schizophrenia Research, 2005, 79, 157-173.	2.0	204