Ronald E Van Kesteren

List of Publications by Year
in descending order

40	1,684	304368 22	315357 38
papers	citations	h-index	g-index

42	42	42	3485
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phenotypic Characterization of Retinoic Acid Differentiated SH-SY5Y Cells by Transcriptional Profiling. PLoS ONE, 2013, 8, e63862.	1.1	185
2	Early restoration of parvalbumin interneuron activity prevents memory loss and network hyperexcitability in a mouse model of Alzheimerâ€™s disease. Molecular Psychiatry, 2020, 25, 3380-3398.	4.1	120
3	Identification of candidate transcriptional modulators involved in successful regeneration after nerve injury. European Journal of Neuroscience, 2007, 25, 3629-3637.	1.2	117
4	Evidence for Immune Response, Axonal Dysfunction and Reduced Endocytosis in the Substantia Nigra in Early Stage Parkinsonâ€™s Disease. PLoS ONE, 2015, 10, e0128651.	1.1	114
5	Defective Glial Maturation in Vanishing White Matter Disease. Journal of Neuropathology and Experimental Neurology, 2011, 70, 69-82.	0.9	111
6	Co-evolution of Ligand-Receptor Pairs in the Vasopressin/Oxytocin Superfamily of Bioactive Peptides. Journal of Biological Chemistry, 1996, 271, 3619-3626.	1.6	104
7	Dynamics of the mouse brain cortical synaptic proteome during postnatal brain development. Scientific Reports, 2016, 6, 35456.	1.6	79
8	Local Synthesis of Actin-Binding Protein Â-Thymosin Regulates Neurite Outgrowth. Journal of Neuroscience, 2006, 26, 152-157.	1.7	75
9	The Role of Neurotransmitters in Neurite Outgrowth and Synapse Formation. Reviews in the Neurosciences, 2003, 14, 217-31.	1.4	71
10	Reducing hippocampal extracellular matrix reverses early memory deficits in a mouse model of Alzheimerâ€™s disease. Acta Neuropathologica Communications, 2014, 2, 76.	2.4	69
11	NFIL3 and cAMP Response Element-Binding Protein Form a Transcriptional Feedforward Loop that Controls Neuronal Regeneration-Associated Gene Expression. Journal of Neuroscience, 2009, 29, 15542-15550.	1.7	68
12	A Gene Network Perspective on Axonal Regeneration. Frontiers in Molecular Neuroscience, 2011, 4, 46.	1.4	56
13	Hippocampal Extracellular Matrix Levels and Stochasticity in Synaptic Protein Expression Increase with Age and Are Associated with Age-dependent Cognitive Decline. Molecular and Cellular Proteomics, 2014, 13, 2975-2985.	2.5	52
14	Genome-wide gene expression and promoter binding analysis identifies NFIL3 as a repressor of C/EBP target genes in neuronal outgrowth. Molecular and Cellular Neurosciences, 2011, 46, 460-468.	1.0	44
15	Identification of context-specific gene regulatory networks with <tt>GEMULA</tt>â€”gene expression modeling using LAsso. Bioinformatics, 2012, 28, 214-221.	1.8	35
16	Differential GABAA receptor clustering determines GABA synapse plasticity in rat oxytocin neurons around parturition and the onset of lactation. Molecular and Cellular Neurosciences, 2005, 28, 128-140.	1.0	33
17	TRIM3 Regulates the Motility of the Kinesin Motor Protein KIF21B. PLoS ONE, 2013, 8, e75603.	1.1	33
18	A Multilevel Screening Strategy Defines a Molecular Fingerprint of Proregenerative Olfactory Ensheathing Cells and Identifies SCARB2, a Protein That Improves Regenerative Sprouting of Injured Sensory Spinal Axons. Journal of Neuroscience, 2013, 33, 11116-11135.	1.7	32

#	Article	IF	Citations
19	Synaptic Proteome Changes in a DNA Repair Deficient Ercc1 Mouse Model of Accelerated Aging. Journal of Proteome Research, 2012, 11, 1855-1867.	1.8	31
20	Ubiquitin ligase TRIM3 controls hippocampal plasticity and learning by regulating synaptic Î³-actin levels. Journal of Cell Biology, 2015, 211, 569-586.	2.3	28
21	Multi-level characterization of balanced inhibitory-excitatory cortical neuron network derived from human pluripotent stem cells. PLoS ONE, 2017, 12, e0178533.	1.1	28
22	Repulsive Guidance Molecule a (RGMa) Induces Neuropathological and Behavioral Changes That Closely Resemble Parkinson's Disease. Journal of Neuroscience, 2017, 37, 9361-9379.	1.7	26
23	Combined cellomics and proteomics analysis reveals shared neuronal morphology and molecular pathway phenotypes for multiple schizophrenia risk genes. Molecular Psychiatry, 2021, 26, 784-799.	4.1	22
24	Endoplasmic reticulum stress actively suppresses hepatic molecular identity in damaged liver. Molecular Systems Biology, 2020, 16, e9156.	3.2	22
25	Hyperexcitable Parvalbumin Interneurons Render Hippocampal Circuitry Vulnerable to Amyloid Beta. IScience, 2020, 23, 101271.	1.9	21
26	LLM3D: a log-linear modeling-based method to predict functional gene regulatory interactions from genome-wide expression data. Nucleic Acids Research, 2011, 39, 5313-5327.	6.5	19
27	FADS2 Genetic Variance in Combination with Fatty Acid Intake Might Alter Composition of the Fatty Acids in Brain. PLoS ONE, 2013, 8, e68000.	1.1	15
28	Postsynaptic expression of an epidermal growth factor receptor regulates cholinergic synapse formation between identified molluscan neurons. European Journal of Neuroscience, 2008, 27, 2043-2056.	1.2	14
29	Caltubin, a Novel Molluscan Tubulin-Interacting Protein, Promotes Axonal Growth and Attenuates Axonal Degeneration of Rodent Neurons. Journal of Neuroscience, 2011, 31, 15231-15244.	1.7	14
30	Molecular target discovery for neural repair in the functional genomics era. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 109, 595-616.	1.0	9
31	Tripeptidyl Peptidase II Mediates Levels of Nuclear Phosphorylated ERK1 and ERK2. Molecular and Cellular Proteomics, 2015, 14, 2177-2193.	2.5	9
32	Individual and Familial Susceptibility to MPTP in a Common Marmoset Model for Parkinson's Disease. Neurodegenerative Diseases, 2016, 16, 293-303.	0.8	9
33	Characterization of a novel molluskan tyrosine kinase receptor that inhibits neurite regeneration. Journal of Neurobiology, 2004, 60, 127-136.	3.7	5
34	High Content Screening in Neurodegenerative Diseases. Journal of Visualized Experiments, 2012, , e3452.	0.2	5
35	Interneuron hyperexcitability as both causal factor and risk factor in Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e040877.	0.4	3
36	Longitudinal Assessment of Working Memory Performance in the APPswe/PSEN1dE9 Mouse Model of Alzheimerâ€™s Disease Using an Automated Figure-8-Maze. Frontiers in Behavioral Neuroscience, 2021, 15, 655449.	1.0	3

#	Article	IF	Citations
37	Genetic Deletion of the Transcriptional Repressor NFIL3 Enhances Axon Growth In Vitro but Not Axonal Repair In Vivo. PLoS ONE, 2015, 10, e0127163.	1.1	2
38	Hyperexcitable PV interneurons render hippocampal microcircuitry vulnerable to amyloid beta. Alzheimer's and Dementia, 2020, 16, e040283.	0.4	0
39	AAV mediated gene therapy as local treatment modality directed against amyloid beta oligomers in the brain using a high affinity, high specificity antibody. Alzheimer's and Dementia, 2020, 16, e040920.	0.4	0
40	A Combined Cellomics and Proteomics Approach to Uncover Neuronal Pathways to Psychiatric Disorder. Neuromethods, 2019, , 199-215.	0.2	0