

Ronald E Van Kesteren

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,684
citations

304743

22
h-index

315739

38
g-index

42
all docs

42
docs citations

42
times ranked

3485
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotypic Characterization of Retinoic Acid Differentiated SH-SY5Y Cells by Transcriptional Profiling. <i>PLoS ONE</i> , 2013, 8, e63862.	2.5	185
2	Early restoration of parvalbumin interneuron activity prevents memory loss and network hyperexcitability in a mouse model of Alzheimer's disease. <i>Molecular Psychiatry</i> , 2020, 25, 3380-3398.	7.9	120
3	Identification of candidate transcriptional modulators involved in successful regeneration after nerve injury. <i>European Journal of Neuroscience</i> , 2007, 25, 3629-3637.	2.6	117
4	Evidence for Immune Response, Axonal Dysfunction and Reduced Endocytosis in the Substantia Nigra in Early Stage Parkinson's Disease. <i>PLoS ONE</i> , 2015, 10, e0128651.	2.5	114
5	Defective Glial Maturation in Vanishing White Matter Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011, 70, 69-82.	1.7	111
6	Co-evolution of Ligand-Receptor Pairs in the Vasopressin/Oxytocin Superfamily of Bioactive Peptides. <i>Journal of Biological Chemistry</i> , 1996, 271, 3619-3626.	3.4	104
7	Dynamics of the mouse brain cortical synaptic proteome during postnatal brain development. <i>Scientific Reports</i> , 2016, 6, 35456.	3.3	79
8	Local Synthesis of Actin-Binding Protein $\hat{\text{A}}$ -Thymosin Regulates Neurite Outgrowth. <i>Journal of Neuroscience</i> , 2006, 26, 152-157.	3.6	75
9	The Role of Neurotransmitters in Neurite Outgrowth and Synapse Formation. <i>Reviews in the Neurosciences</i> , 2003, 14, 217-31.	2.9	71
10	Reducing hippocampal extracellular matrix reverses early memory deficits in a mouse model of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2014, 2, 76.	5.2	69
11	NFIL3 and cAMP Response Element-Binding Protein Form a Transcriptional Feedforward Loop that Controls Neuronal Regeneration-Associated Gene Expression. <i>Journal of Neuroscience</i> , 2009, 29, 15542-15550.	3.6	68
12	A Gene Network Perspective on Axonal Regeneration. <i>Frontiers in Molecular Neuroscience</i> , 2011, 4, 46.	2.9	56
13	Hippocampal Extracellular Matrix Levels and Stochasticity in Synaptic Protein Expression Increase with Age and Are Associated with Age-dependent Cognitive Decline. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2975-2985.	3.8	52
14	Genome-wide gene expression and promoter binding analysis identifies NFIL3 as a repressor of C/EBP target genes in neuronal outgrowth. <i>Molecular and Cellular Neurosciences</i> , 2011, 46, 460-468.	2.2	44
15	Identification of context-specific gene regulatory networks with GEMULA gene expression modeling using LAsso. <i>Bioinformatics</i> , 2012, 28, 214-221.	4.1	35
16	Differential GABAA receptor clustering determines GABA synapse plasticity in rat oxytocin neurons around parturition and the onset of lactation. <i>Molecular and Cellular Neurosciences</i> , 2005, 28, 128-140.	2.2	33
17	TRIM3 Regulates the Motility of the Kinesin Motor Protein KIF21B. <i>PLoS ONE</i> , 2013, 8, e75603.	2.5	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. <i>Journal of Neuroscience</i> , 2013, 33, 11116-11135.	3.6	32

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19	Synaptic Proteome Changes in a DNA Repair Deficient <i>Ercc1</i> Mouse Model of Accelerated Aging. <i>Journal of Proteome Research</i> , 2012, 11, 1855-1867.	3.7	31
20	Ubiquitin ligase TRIM3 controls hippocampal plasticity and learning by regulating synaptic \hat{I}^3 -actin levels. <i>Journal of Cell Biology</i> , 2015, 211, 569-586.	5.2	28
21	Multi-level characterization of balanced inhibitory-excitatory cortical neuron network derived from human pluripotent stem cells. <i>PLoS ONE</i> , 2017, 12, e0178533.	2.5	28
22	Repulsive Guidance Molecule a (RGMa) Induces Neuropathological and Behavioral Changes That Closely Resemble Parkinson's Disease. <i>Journal of Neuroscience</i> , 2017, 37, 9361-9379.	3.6	26
23	Combined cellomics and proteomics analysis reveals shared neuronal morphology and molecular pathway phenotypes for multiple schizophrenia risk genes. <i>Molecular Psychiatry</i> , 2021, 26, 784-799.	7.9	22
24	Endoplasmic reticulum stress actively suppresses hepatic molecular identity in damaged liver. <i>Molecular Systems Biology</i> , 2020, 16, e9156.	7.2	22
25	Hyperexcitable Parvalbumin Interneurons Render Hippocampal Circuitry Vulnerable to Amyloid Beta. <i>IScience</i> , 2020, 23, 101271.	4.1	21
26	LLM3D: a log-linear modeling-based method to predict functional gene regulatory interactions from genome-wide expression data. <i>Nucleic Acids Research</i> , 2011, 39, 5313-5327.	14.5	19
27	FADS2 Genetic Variance in Combination with Fatty Acid Intake Might Alter Composition of the Fatty Acids in Brain. <i>PLoS ONE</i> , 2013, 8, e68000.	2.5	15
28	Postsynaptic expression of an epidermal growth factor receptor regulates cholinergic synapse formation between identified molluscan neurons. <i>European Journal of Neuroscience</i> , 2008, 27, 2043-2056.	2.6	14
29	Caltubin, a Novel Molluscan Tubulin-Interacting Protein, Promotes Axonal Growth and Attenuates Axonal Degeneration of Rodent Neurons. <i>Journal of Neuroscience</i> , 2011, 31, 15231-15244.	3.6	14
30	Molecular target discovery for neural repair in the functional genomics era. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2012, 109, 595-616.	1.8	9
31	Tripeptidyl Peptidase II Mediates Levels of Nuclear Phosphorylated ERK1 and ERK2. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2177-2193.	3.8	9
32	Individual and Familial Susceptibility to MPTP in a Common Marmoset Model for Parkinson's Disease. <i>Neurodegenerative Diseases</i> , 2016, 16, 293-303.	1.4	9
33	Characterization of a novel molluscan tyrosine kinase receptor that inhibits neurite regeneration. <i>Journal of Neurobiology</i> , 2004, 60, 127-136.	3.6	5
34	High Content Screening in Neurodegenerative Diseases. <i>Journal of Visualized Experiments</i> , 2012, , e3452.	0.3	5
35	Interneuron hyperexcitability as both causal factor and risk factor in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e040877.	0.8	3
36	Longitudinal Assessment of Working Memory Performance in the APP ^{swe} /PSEN1 ^{dE9} Mouse Model of Alzheimer's Disease Using an Automated Figure-8-Maze. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 655449.	2.0	3

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37	Genetic Deletion of the Transcriptional Repressor NFIL3 Enhances Axon Growth In Vitro but Not Axonal Repair In Vivo. PLoS ONE, 2015, 10, e0127163.	2.5	2
38	Hyperexcitable PV interneurons render hippocampal microcircuitry vulnerable to amyloid beta. Alzheimer's and Dementia, 2020, 16, e040283.	0.8	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.	0.8	0
40	A Combined Cellomics and Proteomics Approach to Uncover Neuronal Pathways to Psychiatric Disorder. Neuromethods, 2019, , 199-215.	0.3	0