John W Cave

List of Publications by Year in descending order

30 papers	1,317 citations	623734 14 h-index	501196 28 g-index
31 all docs	31 docs citations	31 times ranked	2093 citing authors

#	Article	IF	Citations
1	Selenium Drives a Transcriptional Adaptive Program to Block Ferroptosis and Treat Stroke. Cell, 2019, 177, 1262-1279.e25.	28.9	576
2	Therapeutic targeting of oxygen-sensing prolyl hydroxylases abrogates ATF4-dependent neuronal death and improves outcomes after brain hemorrhage in several rodent models. Science Translational Medicine, 2016, 8, 328ra29.	12.4	106
3	A DNA Transcription Code for Cell-Specific Gene Activation by Notch Signaling. Current Biology, 2005, 15, 94-104.	3.9	94
4	Dopamine Systems in the Forebrain. Advances in Experimental Medicine and Biology, 2009, 651, 15-35.	1.6	89
5	Differential Regulation of Dopaminergic Gene Expression byEr81. Journal of Neuroscience, 2010, 30, 4717-4724.	3.6	43
6	ER81 and CaMKIV identify anatomically and phenotypically defined subsets of mouse olfactory bulb interneurons. Journal of Comparative Neurology, 2007, 502, 485-496.	1.6	41
7	Progress in the development of olfactory-based bioelectronic chemosensors. Biosensors and Bioelectronics, 2019, 123, 211-222.	10.1	41
8	Zeb2 Is a Regulator of Astrogliosis and Functional Recovery after CNS Injury. Cell Reports, 2020, 31, 107834.	6.4	40
9	Adult subventricular zone neural stem cells as a potential source of dopaminergic replacement neurons. Frontiers in Neuroscience, 2014, 8, 16.	2.8	34
10	Regulation of tyrosine hydroxylase transcription by hnRNP K and DNA secondary structure. Nature Communications, 2014, 5, 5769.	12.8	33
11	Epigenetic control of neurotransmitter expression in olfactory bulb interneurons. International Journal of Developmental Neuroscience, 2013, 31, 415-423.	1.6	27
12	Selective repression of gene expression in neuropathic pain by the neuron-restrictive silencing factor/repressor element-1 silencing transcription (NRSF/REST). Neuroscience Letters, 2016, 625, 20-25.	2.1	25
13	Reciprocal autoregulation by NFI occupancy and ETV1 promotes the developmental expression of dendrite-synapse genes in cerebellar granule neurons. Molecular Biology of the Cell, 2016, 27, 1488-1499.	2.1	21
14	Î³â€Aminobutyric acidâ€mediated regulation of the activityâ€dependent olfactory bulb dopaminergic phenotype. Journal of Neuroscience Research, 2009, 87, 2211-2221.	2.9	16
15	Gâ€quadruplex regulation of neural gene expression. FEBS Journal, 2022, 289, 3284-3303.	4.7	15
16	Delayed Infiltration of Peripheral Monocyte Contributes to Phagocytosis and Transneuronal Degeneration in Chronic Stroke. Stroke, 2022, 53, 2377-2388.	2.0	13
17	Selective repression of Notch pathway target gene transcription. Developmental Biology, 2011, 360, 123-131.	2.0	12
18	TMPyP4, a Stabilizer of Nucleic Acid Secondary Structure, Is a Novel Acetylcholinesterase Inhibitor. PLoS ONE, 2015, 10, e0139167.	2.5	12

#	Article	IF	Citations
19	Differential Regulation of Transcription through Distinct Suppressor of Hairless DNA Binding Site Architectures during Notch Signaling in Proneural Clusters. Molecular and Cellular Biology, 2011, 31, 22-29.	2.3	11
20	Histone deacetylase inhibitors de-repress tyrosine hydroxylase expression in the olfactory bulb and rostral migratory stream. Biochemical and Biophysical Research Communications, 2010, 393, 673-677.	2.1	10
21	Odorant Sensory Input Modulates DNA Secondary Structure Formation and Heterogeneous Ribonucleoprotein Recruitment on the Tyrosine Hydroxylase and Glutamic Acid Decarboxylase 1 Promoters in the Olfactory Bulb. Journal of Neuroscience, 2017, 37, 4778-4789.	3.6	10
22	Manipulating Adult Neural Stem and Progenitor Cells with G-Quadruplex Ligands. ACS Chemical Neuroscience, 2020, 11, 1504-1518.	3.5	9
23	The Daughterless N-terminus directly mediates synergistic interactions with Notch transcription complexes via the SPS+A DNA transcription code. BMC Research Notes, 2009, 2, 65.	1.4	8
24	Expression of EGR-1 in a subset of olfactory bulb dopaminergic cells. Journal of Molecular Histology, 2009, 40, 151-155.	2.2	8
25	Promoter-specific co-activation by Drosophila mastermind. Biochemical and Biophysical Research Communications, 2008, 377, 658-661.	2.1	7
26	Nucleotide sequence conservation of novel and established cis-regulatory sites within the tyrosine hydroxylase gene promoter. Frontiers in Biology, 2015, 10, 74-90.	0.7	7
27	Targeting the vasculature to improve neural progenitor transplant survival. Translational Neuroscience, 2015, 6, 162-167.	1.4	7
28	Conserved Upstream Regulatory Regions in Mammalian Tyrosine Hydroxylase. Molecular Neurobiology, 2018, 55, 7340-7351.	4.0	1
29	Zeb2 directs EMT-like processes that underlies the glial response to injury. Neural Regeneration Research, 2021, 16, 1788.	3.0	1
30	Nature and nurture meet at the epigenome to modulate disorders of the nervous system. Neuroscience Letters, 2016, 625, 1-3.	2.1	0