Shane V Hegarty

List of Publications by Year
in descending order

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28 papers	1,012 citations	516710 16 h-index	552781 26 g-index
28 all docs	28 docs citations	28 times ranked	1777 citing authors

#	Article	IF	Citations
1	Reactivation of Dormant Relay Pathways in Injured Spinal Cord by KCC2 Manipulations. Cell, 2018, 174, 521-535.e13.	28.9	165
2	Midbrain dopaminergic neurons: A review of the molecular circuitry that regulates their development. Developmental Biology, 2013, 379, 123-138.	2.0	158
3	BMP-Smad 1/5/8 signalling in the development of the nervous system. Progress in Neurobiology, 2013, 109, 28-41.	5.7	137
4	Zeb2: A multifunctional regulator of nervous system development. Progress in Neurobiology, 2015, 132, 81-95.	5.7	88
5	Neurotrophic factors: from neurodevelopmental regulators to novel therapies for Parkinsonâ€²s disease. Neural Regeneration Research, 2014, 9, 1708.	3.0	48
6	BMP2 and GDF5 induce neuronal differentiation through a Smad dependant pathway in a model of human midbrain dopaminergic neurons. Molecular and Cellular Neurosciences, 2013, 56, 263-271.	2.2	46
7	Canonical BMPâ€“Smad Signalling Promotes Neurite Growth in Rat Midbrain Dopaminergic Neurons. NeuroMolecular Medicine, 2014, 16, 473-489.	3.4	46
8	The Epigenome as a therapeutic target for Parkinson's disease. Neural Regeneration Research, 2016, 11, 1735.	3.0	35
9	Exposure to Hypertensive Disorders of Pregnancy Increases the Risk of Autism Spectrum Disorder in Affected Offspring. Molecular Neurobiology, 2018, 55, 5557-5564.	4.0	34
10	Roles for the TGFÎ² Superfamily in the Development and Survival of Midbrain Dopaminergic Neurons. Molecular Neurobiology, 2014, 50, 559-573.	4.0	32
11	Class-IIa Histone Deacetylase Inhibition Promotes the Growth of Neural Processes and Protects Them Against Neurotoxic Insult. Molecular Neurobiology, 2015, 51, 1432-1442.	4.0	31
12	A Small Molecule Activator of p300/CBP Histone Acetyltransferase Promotes Survival and Neurite Growth in a Cellular Model of Parkinsonâ€™s Disease. Neurotoxicity Research, 2016, 30, 510-520.	2.7	30
13	Inhibition of <i>miR-181a</i> promotes midbrain neuronal growth through a Smad1/5-dependent mechanism: implications for Parkinsonâ€™s disease. Neuronal Signaling, 2018, 2, NS20170181.	3.2	26
14	Zeb2 is a negative regulator of midbrain dopaminergic axon growth and target innervation. Scientific Reports, 2017, 7, 8568.	3.3	24
15	Effects of intracerebral neurotrophic factor application on motor symptoms in Parkinson's disease: A systematic review and meta-analysis. Parkinsonism and Related Disorders, 2017, 38, 19-25.	2.2	20
16	Targeting bone morphogenetic protein signalling in midbrain dopaminergic neurons as a therapeutic approach in Parkinson's disease. Neuronal Signaling, 2017, 1, NS20170027.	3.2	19
17	Viral vectors for neuronal cell type-specific visualization and manipulations. Current Opinion in Neurobiology, 2020, 63, 67-76.	4.2	16
18	Endocytosis contributes to BMP2-induced Smad signalling and neuronal growth. Neuroscience Letters, 2017, 643, 32-37.	2.1	11

#	ARTICLE	IF	CITATIONS
19	Protocol for evaluation of neurotrophic strategies in Parkinson. Journal of Biological Methods, 2016, 3, e50.	0.6	10
20	The dietary flavonoid isoliquiritigenin is a potent cytotoxin for human neuroblastoma cells. Neuronal Signaling, 2019, 3, NS20180201.	3.2	9
21	Romidepsin induces caspase-dependent cell death in human neuroblastoma cells. Neuroscience Letters, 2017, 653, 12-18.	2.1	8
22	Lipidomics dataset of PTEN deletion-induced optic nerve regeneration mouse model. Data in Brief, 2021, 34, 106699.	1.0	6
23	4-Hydroxychalcone Induces Cell Death via Oxidative Stress in <i>MYCN</i>-Amplified Human Neuroblastoma Cells. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-16.	4.0	5
24	Association of distinct type 1 bone morphogenetic protein receptors with different molecular pathways and survival outcomes in neuroblastoma. Neuronal Signaling, 2020, 4, NS20200006.	3.2	4
25	Editorial: The Role of Stem Cells, Epigenetics and MicroRNAs in Parkinson's Disease. Frontiers in Neuroscience, 2020, 14, 515.	2.8	3
26	Ventral midbrain neural stem cells have delayed neurogenic potential in vitro. Neuroscience Letters, 2014, 559, 193-198.	2.1	1
27	Parkinsonâ€™s disease: Can we move in the right direction?. , 2012, , 33-37.		0
28	Targeting transcriptional regulators to regenerate midbrain dopaminergic axons in Parkinson's disease. Neural Regeneration Research, 2017, 12, 1814.	3.0	0