Darrell R Sawmiller

List of Publications by Year
in descending order

37 papers	900 citations	535685 17 h-index	536525 29 g-index
40 all docs	40 docs citations	40 times ranked	1583 citing authors

#	Article	IF	Citations
1	Gallic acid is a dual Î±/Î²-secretase modulator that reverses cognitive impairment and remediates pathology in Alzheimer mice. Journal of Biological Chemistry, 2020, 295, 16251-16266.	1.6	49
2	Propionate and Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2020, 12, 580001.	1.7	32
3	A Review for Lithium: Pharmacokinetics, Drug Design, and Toxicity. CNS and Neurological Disorders - Drug Targets, 2020, 18, 769-778.	0.8	23
4	Comparing the effect of the novel ionic cocrystal of lithium salicylate proline (LISPRO) with lithium carbonate and lithium salicylate on memory and behavior in female APPswe/PS1dE9 Alzheimer's mice. Journal of Neuroscience Research, 2019, 97, 1066-1080.	1.3	7
5	A Novel Apolipoprotein E Antagonist Functionally Blocks Apolipoprotein E Interaction With N-terminal Amyloid Precursor Protein, Reduces Î²-Amyloid-Associated Pathology, and Improves Cognition. Biological Psychiatry, 2019, 86, 208-220.	0.7	29
6	C1q/TNFâ€related protein 9: A novel therapeutic target in ischemic stroke?. Journal of Neuroscience Research, 2019, 97, 128-136.	1.3	11
7	Eukaryotic initiation factor 3, subunit C silencing inhibits cell proliferation and promotes apoptosis in human ovarian cancer cells. Bioscience Reports, 2019, 39, .	1.1	8
8	Novel apoE receptor mimetics reduce LPS-induced microglial inflammation. American Journal of Translational Research (discontinued), 2019, 11, 5076-5085.	0.0	6
9	Human Umbilical Cord Blood Serumâ€“derived Î±-Secretase. Cell Transplantation, 2018, 27, 438-455.	1.2	8
10	Therapeutic Cocktail Approach for Treatment of Hyperhomocysteinemia in Alzheimerâ€™s Disease. Cell Medicine, 2018, 10, 215517901772228.	5.0	12
11	Human Cord Blood Serum-Derived APP Î±-Secretase Cleavage Activity is Mediated by C1 Complement. Cell Transplantation, 2018, 27, 666-676.	1.2	3
12	Low-Density Lipoprotein Receptor-Related Protein-1 (LRP1) C4408R Mutant Promotes Amyloid Precursor Protein (APP) Î±-Cleavage in Vitro. NeuroMolecular Medicine, 2017, 19, 300-308.	1.8	4
13	Beneficial effects of a pyrroloquinolinequinone-containing dietary formulation on motor deficiency, cognitive decline and mitochondrial dysfunction in a mouse model of Alzheimerâ€™s disease. Heliyon, 2017, 3, e00279.	1.4	24
14	Restoring Soluble Amyloid Precursor Protein Î± Functions as a Potential Treatment for <scp>A</scp>lzheimer's Disease. Journal of Neuroscience Research, 2017, 95, 973-991.	1.3	71
15	Therapeutic cocktail approach for treatment of hyperhomocysteinemia in Alzheimerâ€™s disease. Cell Medicine, 2017, , .	5.0	0
16	Biodistribution of Infused Human Umbilical Cord Blood Cells in Alzheimer's Disease-Like Murine Model. Cell Transplantation, 2016, 25, 195-199.	1.2	24
17	Diosmin reduces cerebral AÎ² levels, tau hyperphosphorylation, neuroinflammation, and cognitive impairment in the 3xTg-AD mice. Journal of Neuroimmunology, 2016, 299, 98-106.	1.1	60
18	The role of heparan sulfate deficiency in autistic phenotype: potential involvement of Slit/Robo/srGAPs-mediated dendritic spine formation. Neural Development, 2016, 11, 11.	1.1	13

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19	Swedish mutant APP-based BACE1 binding site peptide reduces APP Î²-cleavage and cerebral AÎ² levels in Alzheimerâ€™s mice. Scientific Reports, 2015, 5, 11322.	1.6	25
20	Soluble amyloid precursor protein alpha inhibits tau phosphorylation through modulation of <scp>GSK</scp>3Î² signaling pathway. Journal of Neurochemistry, 2015, 135, 630-637.	2.1	60
21	Human Umbilical Cord Blood-Derived Monocytes Improve Cognitive Deficits and Reduce Amyloid-Î² Pathology in PSAPP Mice. Cell Transplantation, 2015, 24, 2237-2250.	1.2	26
22	Luteolin Reduces Alzheimerâ€™s Disease Pathologies Induced by Traumatic Brain Injury. International Journal of Molecular Sciences, 2014, 15, 895-904.	1.8	117
23	Chronic mild stress-induced changes of risk assessment behaviors in mice are prevented by chronic treatment with fluoxetine but not diazepam. Pharmacology Biochemistry and Behavior, 2014, 116, 116-128.	1.3	15
24	Elevated [Ca2+]i Levels Occur with Decreased Calpain Activity in Aged Fibroblasts and Their Reversal by Energy-Rich Compounds: New Paradigm for Alzheimer's Disease Prevention. Journal of Alzheimer's Disease, 2013, 37, 835-848.	1.2	16
25	Baicalein reduces Î²â€amyloid and promotes nonamyloidogenic amyloid precursor protein processing in an Alzheimer's disease transgenic mouse model. Journal of Neuroscience Research, 2013, 91, 1239-1246.	1.3	91
26	Association Between Aortic Calcification and the Risk of Osteoporosis in a Chinese Cohort: The Chongqing Osteoporosis Study. Calcified Tissue International, 2013, 93, 419-425.	1.5	7
27	Octyl Gallate Markedly Promotes Anti-Amyloidogenic Processing of APP through Estrogen Receptor-Mediated ADAM10 Activation. PLoS ONE, 2013, 8, e71913.	1.1	22
28	Highâ€energy compounds promote physiological processing of Alzheimer's amyloidâ€Î² precursor protein and boost cell survival in culture. Journal of Neurochemistry, 2012, 123, 525-531.	2.1	14
29	Human umbilical cord blood mononuclear cells activate the survival protein Akt in cardiac myocytes and endothelial cells that limits apoptosis and necrosis during hypoxia. Translational Research, 2012, 159, 497-506.	2.2	21
30	Evidence supporting the role of calpain in the Î±-processing of amyloid-Î² precursor protein. Biochemical and Biophysical Research Communications, 2012, 420, 530-535.	1.0	9
31	Scientific Truth or False Hope? Understanding Alzheimer's Disease from an Aging Perspective. Journal of Alzheimer's Disease, 2011, 24, 3-10.	1.2	19
32	What to Look for Beyond â€œPathogenicâ€•Factors in Senile Dementia? A Functional Deficiency of Ca2+ Signaling. Journal of Alzheimer's Disease, 2011, 27, 679-689.	1.2	7
33	Human Umbilical Cord Blood Stem Cells Secrete Growth Factors and Antiâ€inflammatory Cytokines that Protect Vascular Endothelial Cells and Cardiac Myocytes from Ischemia and Injury. FASEB Journal, 2011, 25, 1033.13.	0.2	0
34	Human umbilical cord blood mononuclear cells decrease fibrosis and increase cardiac function in cardiomyopathy. Regenerative Medicine, 2010, 5, 45-54.	0.8	13
35	Mechanisms of vasoactive intestinal peptide-elicited coronary vasodilation in the isolated perfused rat heart. Neuropeptides, 2006, 40, 349-355.	0.9	15
36	Vasoactive Intestinal Peptide. , 2006, , 1215-1222.		1

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37	Coronary vascular effects of vasoactive intestinal peptide in the isolated perfused rat heart. Neuropeptides, 2004, 38, 289-297.	0.9	16