Carla D'Avanzo

List of Publications by Year
in descending order

12 papers	1,996 citations	1051969 10 h-index	1336881 12 g-index
12 all docs	12 docs citations	12 times ranked	3638 citing authors

#	Article	IF	Citations
1	Î²-Secretase BACE1 Promotes Surface Expression and Function of Kv3.4 at Hippocampal Mossy Fiber Synapses. Journal of Neuroscience, 2018, 38, 3480-3494.	1.7	15
2	Human Neurospheroid Arrays for In Vitro Studies of Alzheimerâ€™s Disease. Scientific Reports, 2018, 8, 2450.	1.6	98
3	Threeâ€Ðimensional Models of the Human Brain Development and Diseases. Advanced Healthcare Materials, 2018, 7, 1700723.	3.9	73
4	A 3D human triculture system modeling neurodegeneration and neuroinflammation in Alzheimerâ€™s disease. Nature Neuroscience, 2018, 21, 941-951.	7.1	458
5	Alzheimer's in 3D culture: Challenges and perspectives. BioEssays, 2015, 37, 1139-1148.	1.2	83
6	Î³-Secretase modulators reduce endogenous amyloid Î²₄₂levels in human neural progenitor cells without altering neuronal differentiation. FASEB Journal, 2015, 29, 3335-3341.	0.2	10
7	A 3D human neural cell culture system for modeling Alzheimer's disease. Nature Protocols, 2015, 10, 985-1006.	5.5	209
8	Synaptotagmins interact with APP and promote AÎ² generation. Molecular Neurodegeneration, 2015, 10, 31.	4.4	34
9	Recapitulating Amyloid ÃŸ and Tau Pathology in Human Neural Cell Culture Modelsâ€”Clinical Implications. US Neurology, 2015, 11, 102.	0.2	19
10	The E280A Presenilin Mutation Reduces Voltage-Gated Sodium Channel Levels in Neuronal Cells. Neurodegenerative Diseases, 2014, 13, 64-68.	0.8	3
11	BACE1 activity regulates cell surface contactin-2 levels. Molecular Neurodegeneration, 2014, 9, 4.	4.4	44
12	A three-dimensional human neural cell culture model of Alzheimerâ€™s disease. Nature, 2014, 515, 274-278.	13.7	950