Maria Laura Giuffrida

List of Publications by Year
in descending order

35 papers	1,541 citations	304743 22 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	2656 citing authors

#	Article	IF	Citations
1	Î²-Amyloid Monomers Are Neuroprotective. Journal of Neuroscience, 2009, 29, 10582-10587.	3.6	350
2	Targeting Group II Metabotropic Glutamate (mGlu) Receptors for the Treatment of Psychosis Associated with Alzheimer's Disease: Selective Activation of mGlu2 Receptors Amplifies Î²-Amyloid Toxicity in Cultured Neurons, Whereas Dual Activation of mGlu2 and mGlu3 Receptors Is Neuroprotective. Molecular Pharmacology, 2011, 79, 618-626.	2.3	111
3	TGF-Î²1 Pathway as a New Target for Neuroprotection in Alzheimer's Disease. CNS Neuroscience and Therapeutics, 2011, 17, 237-249.	3.9	96
4	The Monomer State of Beta-Amyloid: Where the Alzheimer's Disease Protein Meets Physiology. Reviews in the Neurosciences, 2010, 21, 83-93.	2.9	72
5	Amyloid Beta monomers regulate cyclic adenosine monophosphate response element binding protein functions by activating typeâ€1 insulinâ€like growth factor receptors in neuronal cells. Aging Cell, 2018, 17, e12684.	6.7	60
6	Gluconjugates of 8-hydroxyquinolines as potential anti-cancer prodrugs. Dalton Transactions, 2012, 41, 4530.	3.3	57
7	A novel fully water-soluble Cu(<scp>i</scp>) probe for fluorescence live cell imaging. Chemical Communications, 2014, 50, 9835.	4.1	53
8	Silencing of endogenous IGFBP-5 by micro RNA interference affects proliferation, apoptosis and differentiation of neuroblastoma cells. Cell Death and Differentiation, 2005, 12, 213-223.	11.2	49
9	A ratiometric naphthalimide sensor for live cell imaging of copper(i). Chemical Communications, 2013, 49, 5565.	4.1	46
10	Monomeric ÃŸ-amyloid interacts with type-1 insulin-like growth factor receptors to provide energy supply to neurons. Frontiers in Cellular Neuroscience, 2015, 9, 297.	3.7	44
11	Carnosine interaction with nitric oxide and astroglial cell protection. Journal of Neuroscience Research, 2007, 85, 2239-2245.	2.9	43
12	Design and synthesis of new trehaloseâ€conjugated pentapeptides as inhibitors of AÎ²(1â€“42) fibrillogenesis and toxicity. Journal of Peptide Science, 2009, 15, 220-228.	1.4	43
13	A promising connection between BDNF and Alzheimerâ€™s disease. Aging, 2018, 10, 1791-1792.	3.1	42
14	Neurotoxic properties of the anabolic androgenic steroids nandrolone and methandrostenolone in primary neuronal cultures. Journal of Neuroscience Research, 2011, 89, 592-600.	2.9	40
15	A New Ratiometric Lysosomal Copper(II) Fluorescent Probe To Map a Dynamic Metallome in Live Cells. Inorganic Chemistry, 2018, 57, 2365-2368.	4.0	40
16	Beta-Amyloid Monomer and Insulin/IGF-1 Signaling in Alzheimer's Disease. Molecular Neurobiology, 2012, 46, 605-613.	4.0	36
17	AÎ²(25â€“35) and its C- and/or N-blocked derivatives: Copper driven structural features and neurotoxicity. Journal of Neuroscience Research, 2007, 85, 623-633.	2.9	34
18	Metallostasis and amyloid Î²-degrading enzymes. Metallomics, 2012, 4, 937.	2.4	33

#	Article	IF	Citations
19	Ratiometric fluorescence sensing and cellular imaging of Cu2+ by a new water soluble trehalose-naphthalimide based chemosensor. RSC Advances, 2013, 3, 24288.	3.6	28
20	Acâ€ŁPFFDâ€Th: A Trehaloseâ€Conjugated Peptidomimetic as a Strong Suppressor of Amyloidâ€Î² Oligomer Formation and Cytotoxicity. ChemBioChem, 2016, 17, 1541-1549.	2.6	28
21	Cyclin D1-dependent regulation of B-myb activity in early stages of neuroblastoma differentiation. Cell Death and Differentiation, 2002, 9, 1232-1239.	11.2	26
22	Molecular and cytotoxic properties of hIAPP17â€“29 and rIAPP17â€“29 fragments: A comparative study with the respective full-length parent polypeptides. European Journal of Medicinal Chemistry, 2014, 81, 442-455.	5.5	24
23	Enhanced expression of ERÎ± in astrocytes modifies the response of cortical neurons to Î²-amyloid toxicity. Neurobiology of Disease, 2009, 33, 415-421.	4.4	21
24	Identification of 5-Methoxyflavone as a Novel DNA Polymerase-Beta Inhibitor and Neuroprotective Agent against Beta-Amyloid Toxicity. Journal of Natural Products, 2015, 78, 2704-2711.	3.0	21
25	Porphyrin Cyclodextrin Conjugates Modulate Amyloid Beta Peptide Aggregation and Cytotoxicity. Chemistry - A European Journal, 2018, 24, 6349-6353.	3.3	21
26	Trehalose Conjugates of Silybin as Prodrugs for Targeting Toxic AÎ² Aggregates. ACS Chemical Neuroscience, 2020, 11, 2566-2576.	3.5	20
27	Polyamine Conjugation as a Promising Strategy To Target Amyloid Aggregation in the Framework of Alzheimerâ€™s Disease. ACS Medicinal Chemistry Letters, 2016, 7, 1145-1150.	2.8	16
28	Insulin-like Growth Factor Binding Protein 5: Contribution to Growth and Differentiation of Neuroblastoma Cells. Annals of the New York Academy of Sciences, 2004, 1028, 59-68.	3.8	15
29	Electrostatically driven interaction of silica-supported lipid bilayer nanoplatforms and a nerve growth factor-mimicking peptide. Soft Matter, 2013, 9, 4648.	2.7	15
30	C/EBP ? and ? mimic retinoic acid activation of IGFBP-5 in neuroblastoma cells by a mechanism independent from binding to their site. Experimental Cell Research, 2005, 305, 179-189.	2.6	14
31	Neuroprotective effects of the monoamine oxidase inhibitor tranylcypromine and its amide derivatives against AÎ²(1â€“42)-induced toxicity. European Journal of Pharmacology, 2015, 764, 256-263.	3.5	14
32	Î²-amyloid monomers drive up neuronal aerobic glycolysis in response to energy stressors. Aging, 2021, 13, 18033-18050.	3.1	14
33	Novel Peptide-Calix[4]arene Conjugate Inhibits AÎ² Aggregation and Rescues Neurons from AÎ²â€™s Oligomers Cytotoxicity In Vitro. ACS Chemical Neuroscience, 2021, 12, 1449-1462.	3.5	12
34	Semax, a Synthetic Regulatory Peptide, Affects Copper-Induced Abeta Aggregation and Amyloid Formation in Artificial Membrane Models. ACS Chemical Neuroscience, 2022, 13, 486-496.	3.5	3
35	Synthesis and biological evaluation of novel Î²-cyclodextrin-fluvastatin conjugates. Results in Chemistry, 2021, 3, 100230.	2.0	0