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	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
2	Novel Peptide-Calix[4]arene Conjugate Inhibits AÎ² Aggregation and Rescues Neurons from AÎ²â€™s Oligomers Cytotoxicity <i>In Vitro</i>. ACS Chemical Neuroscience, 2021, 12, 1449-1462.	3.5	12
3	Î²-amyloid monomers drive up neuronal aerobic glycolysis in response to energy stressors. Aging, 2021, 13, 18033-18050.	3.1	14
4	Synthesis and biological evaluation of novel Î²-cyclodextrin-fluvastatin conjugates. Results in Chemistry, 2021, 3, 100230.	2.0	0
5	Trehalose Conjugates of Silybin as Prodrugs for Targeting Toxic AÎ² Aggregates. ACS Chemical Neuroscience, 2020, 11, 2566-2576.	3.5	20
6	Porphyrin Cyclodextrin Conjugates Modulate Amyloid Beta Peptide Aggregation and Cytotoxicity. Chemistry - A European Journal, 2018, 24, 6349-6353.	3.3	21
7	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
8	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
9	A promising connection between BDNF and Alzheimerâ€™s disease. Aging, 2018, 10, 1791-1792.	3.1	42
10	Acâ€LPFFDâ€Th: A Trehaloseâ€Conjugated Peptidomimetic as a Strong Suppressor of Amyloidâ€Î² Oligomer Formation and Cytotoxicity. ChemBioChem, 2016, 17, 1541-1549.	2.6	28
11	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
12	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
13	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
14	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
15	A novel fully water-soluble Cu(<scp>i</scp>) probe for fluorescence live cell imaging. Chemical Communications, 2014, 50, 9835.	4.1	53
16	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
17	A ratiometric naphthalimide sensor for live cell imaging of copper(i). Chemical Communications, 2013, 49, 5565.	4.1	46
18	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

#	Article	IF	Citations
19	Electrostatically driven interaction of silica-supported lipid bilayer nanoplatforms and a nerve growth factor-mimicking peptide. Soft Matter, 2013, 9, 4648.	2.7	15
20	Metallostasis and amyloid β-degrading enzymes. Metallomics, 2012, 4, 937.	2.4	33
21	Beta-Amyloid Monomer and Insulin/IGF-1 Signaling in Alzheimer's Disease. Molecular Neurobiology, 2012, 46, 605-613.	4.0	36
22	Gluconjugates of 8-hydroxyquinolines as potential anti-cancer prodrugs. Dalton Transactions, 2012, 41, 4530.	3.3	57
23	TGF-β1 Pathway as a New Target for Neuroprotection in Alzheimer's Disease. CNS Neuroscience and Therapeutics, 2011, 17, 237-249.	3.9	96
24	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
25	Targeting Group II Metabotropic Glutamate (mGlu) Receptors for the Treatment of Psychosis Associated with Alzheimer's Disease: Selective Activation of mGlu2 Receptors Amplifies β-Amyloid Toxicity in Cultured Neurons, Whereas Dual Activation of mGlu2 and mGlu3 Receptors Is Neuroprotective. Molecular Pharmacology, 2011, 79, 618-626.	2.3	111
26	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
27	Enhanced expression of ERα in astrocytes modifies the response of cortical neurons to β-amyloid toxicity. Neurobiology of Disease, 2009, 33, 415-421.	4.4	21
28	Design and synthesis of new trehalose‐conjugated pentapeptides as inhibitors of Aβ(1–42) fibrillogenesis and toxicity. Journal of Peptide Science, 2009, 15, 220-228.	1.4	43
29	β-Amyloid Monomers Are Neuroprotective. Journal of Neuroscience, 2009, 29, 10582-10587.	3.6	350
30	Aβ(25–35) 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
31	Carnosine interaction with nitric oxide and astroglial cell protection. Journal of Neuroscience Research, 2007, 85, 2239-2245.	2.9	43
32	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
33	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
34	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
35	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