

Dolors Grillo-Bosch

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

973
citations

759233

12
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

1644
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional recruitment of dynamin requires multimeric interactions for efficient endocytosis. Nature Communications, 2019, 10, 4462.	12.8	27
2	Engineering selective competitors for the discrimination of highly conserved protein-protein interaction modules. Nature Communications, 2019, 10, 4521.	12.8	22
3	Differential Nanoscale Topography and Functional Role of GluN2-NMDA Receptor Subtypes at Glutamatergic Synapses. Neuron, 2018, 100, 106-119.e7.	8.1	83
4	Modulation of AMPA receptor surface diffusion restores hippocampal plasticity and memory in Huntington's disease models. Nature Communications, 2018, 9, 4272.	12.8	62
5	CaMKII Metaplasticity Drives A β Oligomer-Mediated Synaptotoxicity. Cell Reports, 2018, 23, 3137-3145.	6.4	61
6	Pre-post synaptic alignment through neuroligin-1 tunes synaptic transmission efficiency. ELife, 2018, 7, .	6.0	134
7	Lengthening of the Stargazin Cytoplasmic Tail Increases Synaptic Transmission by Promoting Interaction to Deeper Domains of PSD-95. Neuron, 2015, 86, 475-489.	8.1	78
8	Inhibition of PDZ domain-mediated interactions. Drug Discovery Today: Technologies, 2013, 10, e531-e540.	4.0	22
9	Neurexin-1 β Binding to Neuroligin-1 Triggers the Preferential Recruitment of PSD-95 versus Gephyrin through Tyrosine Phosphorylation of Neuroligin-1. Cell Reports, 2013, 3, 1996-2007.	6.4	73
10	Applications of 3-aminolactams: design, synthesis, and biological evaluation of a library of potential dimerisation inhibitors of HIV1-protease. Organic and Biomolecular Chemistry, 2012, 10, 4348.	2.8	2
11	Improved Fmoc-based solid-phase synthesis of homologous peptide fragments of human and mouse prion proteins. Journal of Peptide Science, 2011, 17, 32-38.	1.4	7
12	Retro-enantio N-methylated Peptides as β -Amyloid Aggregation Inhibitors. ChemMedChem, 2009, 4, 1488-1494.	3.2	38
13	Gold nanoparticles for selective and remote heating of β -amyloid protein aggregates. Materials Science and Engineering C, 2007, 27, 1236-1240.	7.3	38
14	Nanoparticle-Mediated Local and Remote Manipulation of Protein Aggregation. Nano Letters, 2006, 6, 110-115.	9.1	305
15	In Vitro Preparation of Prefibrillar Intermediates of Amyloid- β and α -Synuclein. , 2005, 299, 019-034.		20