

# Dolors Grillo-Bosch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9578826/publications.pdf>

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	Nanoparticle-Mediated Local and Remote Manipulation of Protein Aggregation. Nano Letters, 2006, 6, 110-115.	9.1	305
2	Pre-post synaptic alignment through neuroligin-1 tunes synaptic transmission efficiency. ELife, 2018, 7, .	6.0	134
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	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
5	Neurexin-1 <sup>β</sup> 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
6	Modulation of AMPA receptor surface diffusion restores hippocampal plasticity and memory in Huntington's disease models. Nature Communications, 2018, 9, 4272.	12.8	62
7	CaMKII Metaplasticity Drives A $\beta$ Oligomer-Mediated Synaptotoxicity. Cell Reports, 2018, 23, 3137-3145.	6.4	61
8	Gold nanoparticles for selective and remote heating of $\beta$ -amyloid protein aggregates. Materials Science and Engineering C, 2007, 27, 1236-1240.	7.3	38
9	Retro-Enantio Methylated Peptides as $\beta$ -Amyloid Aggregation Inhibitors. ChemMedChem, 2009, 4, 1488-1494.	3.2	38
10	Functional recruitment of dynamin requires multimeric interactions for efficient endocytosis. Nature Communications, 2019, 10, 4462.	12.8	27
11	Inhibition of PDZ domain-mediated interactions. Drug Discovery Today: Technologies, 2013, 10, e531-e540.	4.0	22
12	Engineering selective competitors for the discrimination of highly conserved protein-protein interaction modules. Nature Communications, 2019, 10, 4521.	12.8	22
13	In Vitro Preparation of Prefibrillar Intermediates of Amyloid- $\beta$ and $\alpha$ -Synuclein. , 2005, 299, 019-034.		20
14	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
15	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