

Julia Morales-Sanfrutos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2570443/publications.pdf>

Version: 2024-02-01

28
papers

1,609
citations

331670

21
h-index

501196

28
g-index

32
all docs

32
docs citations

32
times ranked

2522
citing authors

#	ARTICLE	IF	CITATIONS
1	Multivalent Neoglycoconjugates by Regiospecific Cycloaddition of Alkynes and Azides Using Organic-Soluble Copper Catalysts. <i>Organic Letters</i> , 2003, 5, 1951-1954.	4.6	308
2	Vinyl sulfone: a versatile function for simple bioconjugation and immobilization. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 667-675.	2.8	158
3	Fragment-derived inhibitors of human N-myristoyltransferase block capsid assembly and replication of the common cold virus. <i>Nature Chemistry</i> , 2018, 10, 599-606.	13.6	96
4	Structurally Diverse Cyclisation Linkers Impose Different Backbone Conformations in Bicyclic Peptides. <i>ChemBioChem</i> , 2012, 13, 1032-1038.	2.6	81
5	Dual chemical probes enable quantitative system-wide analysis of protein prenylation and prenylation dynamics. <i>Nature Chemistry</i> , 2019, 11, 552-561.	13.6	80
6	Bicyclic Peptide Ligands Pulled out of Cysteine-Rich Peptide Libraries. <i>Journal of the American Chemical Society</i> , 2013, 135, 6562-6569.	13.7	78
7	Click multivalent neoglycoconjugates as synthetic activators in cell adhesion and stimulation of monocyte/macrophage cell lines. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 2291-2301.	2.8	75
8	Synthesis of Calixarene-Based Cavitands and Nanotubes by Click Chemistry. <i>Journal of Organic Chemistry</i> , 2008, 73, 7768-7771.	3.2	70
9	<i>N</i>-Myristoyltransferase Inhibition Induces ER-Stress, Cell Cycle Arrest, and Apoptosis in Cancer Cells. <i>ACS Chemical Biology</i> , 2016, 11, 2165-2176.	3.4	60
10	Click Multivalent Heterogeneous Neoglycoconjugates – Modular Synthesis and Evaluation of Their Binding Affinities. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2454-2473.	2.4	56
11	Vinyl sulfone functionalized silica: a ready to use pre-activated material for immobilization of biomolecules. <i>Journal of Materials Chemistry</i> , 2010, 20, 7189.	6.7	54
12	Vinyl Sulfone Bifunctional Tag Reagents for Single-Point Modification of Proteins. <i>Journal of Organic Chemistry</i> , 2010, 75, 4039-4047.	3.2	52
13	Alkyl sulfonyl derivatized PAMAM-G2 dendrimers as nonviral gene delivery vectors with improved transfection efficiencies. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 851-864.	2.8	50
14	Bicyclization and Tethering to Albumin Yields Long-Acting Peptide Antagonists. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10187-10197.	6.4	47
15	Divinyl Sulfone Cross-Linked Cyclodextrin-Based Polymeric Materials: Synthesis and Applications as Sorbents and Encapsulating Agents. <i>Molecules</i> , 2015, 20, 3565-3581.	3.8	40
16	SirT7 auto-ADP-ribosylation regulates glucose starvation response through mH2A1. <i>Science Advances</i> , 2020, 6, eaaz2590.	10.3	33
17	Click Multivalent Homogeneous Neoglycoconjugates – Synthesis and Evaluation of Their Binding Affinities. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2441-2453.	2.4	32
18	Synthesis of Molecular Nanocages by Click Chemistry. <i>Journal of Organic Chemistry</i> , 2008, 73, 7772-7774.	3.2	30

#	ARTICLE	IF	CITATIONS
19	Chemical Macrocyclization of Peptides Fused to Antibody Fc Fragments. <i>Bioconjugate Chemistry</i> , 2012, 23, 1856-1863.	3.6	27
20	Novel synthetic route for covalent coupling of biomolecules on superparamagnetic hybrid nanoparticles. <i>Journal of Polymer Science Part A</i> , 2012, 50, 3944-3953.	2.3	26
21	Bicyclic Peptides Conjugated to an Albumin-Binding Tag Diffuse Efficiently into Solid Tumors. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 151-161.	4.1	25
22	Proteome-wide analysis of protein lipidation using chemical probes: in-gel fluorescence visualization, identification and quantification of N-myristoylation, N- and S-acylation, O-cholesterylation, S-farnesylation and S-geranylgeranylation. <i>Nature Protocols</i> , 2021, 16, 5083-5122.	12.0	24
23	Mouse Stbd1 is N-myristoylated and affects ER-mitochondria association and mitochondrial morphology. <i>Journal of Cell Science</i> , 2017, 130, 903-915.	2.0	22
24	Whole Proteome Profiling of N-Myristoyltransferase Activity and Inhibition Using Sortase A. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 115-126.	3.8	22
25	Development of a Photo-Cross-Linkable Diaminoquinazoline Inhibitor for Target Identification in <i>Plasmodium falciparum</i> . <i>ACS Infectious Diseases</i> , 2018, 4, 523-530.	3.8	20
26	Magnetic-fluorescent Langmuir-Blodgett films of fluorophore-labeled ferritin nanoparticles. <i>Solid State Sciences</i> , 2009, 11, 754-759.	3.2	18
27	Inhibition of protein N-myristoylation blocks <i>Plasmodium falciparum</i> intraerythrocytic development, egress and invasion. <i>PLoS Biology</i> , 2021, 19, e3001408.	5.6	13
28	Functionalization of immunostimulating complexes (ISCOMs) with lipid vinyl sulfones and their application in immunological techniques and therapy. <i>International Journal of Nanomedicine</i> , 2012, 7, 5941.	6.7	12