Julia Morales-Sanfrutos

List of Publications by Year
in descending order

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	Inhibition of protein N-myristoylation blocks Plasmodium falciparum intraerythrocytic development, egress and invasion. PLoS Biology, 2021, 19, e3001408.	5.6	13
2	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. Nature Protocols, 2021, 16, 5083-5122.	12.0	24
3	SirT7 auto-ADP-ribosylation regulates glucose starvation response through mH2A1. Science Advances, 2020, 6, eaaz2590.	10.3	33
4	Dual chemical probes enable quantitative system-wide analysis of protein prenylation and prenylation dynamics. Nature Chemistry, 2019, 11, 552-561.	13.6	80
5	Whole Proteome Profiling of N-Myristoyltransferase Activity and Inhibition Using Sortase A. Molecular and Cellular Proteomics, 2019, 18, 115-126.	3.8	22
6	Development of a Photo-Cross-Linkable Diaminoquinazoline Inhibitor for Target Identification in Plasmodium falciparum. ACS Infectious Diseases, 2018, 4, 523-530.	3.8	20
7	Fragment-derived inhibitors of human N-myristoyltransferase block capsid assembly and replication of the common cold virus. Nature Chemistry, 2018, 10, 599-606.	13.6	96
8	Mouse Stbd1 is N-myristoylated and affects ER-mitochondria association and mitochondrial morphology. Journal of Cell Science, 2017, 130, 903-915.	2.0	22
9	N-Myristoyltransferase Inhibition Induces ER-Stress, Cell Cycle Arrest, and Apoptosis in Cancer Cells. ACS Chemical Biology, 2016, 11, 2165-2176.	3.4	60
10	Divinyl Sulfone Cross-Linked Cyclodextrin-Based Polymeric Materials: Synthesis and Applications as Sorbents and Encapsulating Agents. Molecules, 2015, 20, 3565-3581.	3.8	40
11	Bicyclic Peptides Conjugated to an Albumin-Binding Tag Diffuse Efficiently into Solid Tumors. Molecular Cancer Therapeutics, 2015, 14, 151-161.	4.1	25
12	Bicyclic Peptide Ligands Pulled out of Cysteine-Rich Peptide Libraries. Journal of the American Chemical Society, 2013, 135, 6562-6569.	13.7	78
13	Functionalization of immunostimulating complexes (ISCOMs) with lipid vinyl sulfones and their application in immunological techniques and therapy. International Journal of Nanomedicine, 2012, 7, 5941.	6.7	12
14	Bicyclization and Tethering to Albumin Yields Long-Acting Peptide Antagonists. Journal of Medicinal Chemistry, 2012, 55, 10187-10197.	6.4	47
15	Chemical Macrocyclization of Peptides Fused to Antibody Fc Fragments. Bioconjugate Chemistry, 2012, 23, 1856-1863.	3.6	27
16	Novel synthetic route for covalent coupling of biomolecules on superâ€paramagnetic hybrid nanoparticles. Journal of Polymer Science Part A, 2012, 50, 3944-3953.	2.3	26
17	Structurally Diverse Cyclisation Linkers Impose Different Backbone Conformations in Bicyclic Peptides. ChemBioChem, 2012, 13, 1032-1038.	2.6	81
18	Alkyl sulfonyl derivatized PAMAM-G2dendrimers as nonviral gene delivery vectors with improved transfection efficiencies. Organic and Biomolecular Chemistry, 2011, 9, 851-864.	2.8	50

#	Article	IF	Citations
19	Vinyl sulfone functionalized silica: a â€œready to useâ€•pre-activated material for immobilization of biomolecules. Journal of Materials Chemistry, 2010, 20, 7189.	6.7	54
20	Vinyl Sulfone Bifunctional Tag Reagents for Single-Point Modification of Proteins. Journal of Organic Chemistry, 2010, 75, 4039-4047.	3.2	52
21	Vinyl sulfone: a versatile function for simple bioconjugation and immobilization. Organic and Biomolecular Chemistry, 2010, 8, 667-675.	2.8	158
22	Magneticâ€“fluorescent Langmuirâ€“Blodgett films of fluorophore-labeled ferritin nanoparticles. Solid State Sciences, 2009, 11, 754-759.	3.2	18
23	Click Multivalent Homogeneous Neoglycoconjugates â€“ Synthesis and Evaluation of Their Binding Affinities. European Journal of Organic Chemistry, 2009, 2009, 2441-2453.	2.4	32
24	Click Multivalent Heterogeneous Neoglycoconjugates â€“ Modular Synthesis and Evaluation of Their Binding Affinities. European Journal of Organic Chemistry, 2009, 2009, 2454-2473.	2.4	56
25	Synthesis of Calixarene-Based Cavitands and Nanotubes by Click Chemistry. Journal of Organic Chemistry, 2008, 73, 7768-7771.	3.2	70
26	Synthesis of Molecular Nanocages by Click Chemistry. Journal of Organic Chemistry, 2008, 73, 7772-7774.	3.2	30
27	Click multivalent neoglycoconjugates as synthetic activators in cell adhesion and stimulation of monocyte/machrophage cell lines. Organic and Biomolecular Chemistry, 2007, 5, 2291-2301.	2.8	75
28	Multivalent Neoglycoconjugates by Regiospecific Cycloaddition of Alkynes and Azides Using Organic-Soluble Copper Catalysts. Organic Letters, 2003, 5, 1951-1954.	4.6	308