

Victoria Leiro

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

397
citations

687363

13
h-index

839539

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19
all docs

19
docs citations

19
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	PAMAM dendrimers: blood-brain barrier transport and neuronal uptake after focal brain ischemia. <i>Journal of Controlled Release</i> , 2018, 291, 65-79.	9.9	65
2	The Present and the Future of Degradable Dendrimers and Derivatives in Theranostics. <i>Bioconjugate Chemistry</i> , 2015, 26, 1182-1197.	3.6	55
3	Functionalized chitosan derivatives as nonviral vectors: physicochemical properties of acylated N,N,N-trimethyl chitosan/oligonucleotide nanopolyplexes. <i>Soft Matter</i> , 2015, 11, 8113-8125.	2.7	30
4	Dendrimers as Powerful Building Blocks in Central Nervous System Disease: Headed for Successful Nanomedicine. <i>Advanced Functional Materials</i> , 2018, 28, 1700313.	14.9	29
5	Boc-phenylglycine: a chiral solvating agent for the assignment of the absolute configuration of amino alcohols and their ethers by NMR. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1825-1829.	1.8	26
6	Assigning the Configuration of Amino Alcohols by NMR: A Single Derivatization Method. <i>Organic Letters</i> , 2008, 10, 2733-2736.	4.6	24
7	Cross Interaction Between Auxiliaries: The Chirality of Amino Alcohols by NMR. <i>Organic Letters</i> , 2008, 10, 2729-2732.	4.6	22
8	Absolute configuration of amino alcohols by ¹ H-NMR. <i>Chemical Communications</i> , 2005, , 5554.	4.1	19
9	Fine tuning neuronal targeting of nanoparticles by adjusting the ligand grafting density and combining PEG spacers of different length. <i>Acta Biomaterialia</i> , 2018, 78, 247-259.	8.3	18
10	Breaking Barriers: Bioinspired Strategies for Targeted Neuronal Delivery to the Central Nervous System. <i>Pharmaceutics</i> , 2020, 12, 192.	4.5	16
11	Biodegradable PEG-dendritic block copolymers: synthesis and biofunctionality assessment as vectors of siRNA. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4901-4917.	5.8	15
12	Delivering siRNA with Dendrimers: In Vivo Applications. <i>Current Gene Therapy</i> , 2017, 17, 105-119.	2.0	15
13	Delivery of Splice Switching Oligonucleotides by Amphiphilic Chitosan-Based Nanoparticles. <i>Molecular Pharmaceutics</i> , 2016, 13, 344-356.	4.6	14
14	Grafting MSI-78A onto chitosan microspheres enhances its antimicrobial activity. <i>Acta Biomaterialia</i> , 2022, 137, 186-198.	8.3	11
15	A high-throughput bioimaging study to assess the impact of chitosan-based nanoparticle degradation on DNA delivery performance. <i>Acta Biomaterialia</i> , 2016, 46, 129-140.	8.3	9
16	Thiol-Norbornene Photoclick Chemistry for Grafting Antimicrobial Peptides onto Chitosan to Create Antibacterial Biomaterials. <i>ACS Applied Polymer Materials</i> , 2022, 4, 5012-5026.	4.4	9
17	Using a Combination of Magnetic Anisotropic Effects for the Configurational Assignment of Amino Alcohols. <i>Chemistry - an Asian Journal</i> , 2010, 5, 2106-2112.	3.3	8
18	Conjugation Chemistry Principles and Surface Functionalization of Nanomaterials. , 2018, , 35-66.		6

#	ARTICLE	IF	CITATIONS
19	Versatile fully biodegradable dendritic nanotherapeutics. <i>Biomaterials</i> , 2022, 281, 121356.	11.4	6