

Macarena Sanchez-Navarro

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,057
citations

304368

22
h-index

243296

44
g-index

48
all docs

48
docs citations

48
times ranked

3060
citing authors

#	ARTICLE	IF	CITATIONS
1	Blood-brain barrier shuttle peptides: an emerging paradigm for brain delivery. <i>Chemical Society Reviews</i> , 2016, 45, 4690-4707.	18.7	318
2	Fullerene sugar balls. <i>Chemical Communications</i> , 2010, 46, 3860.	2.2	169
3	Glycofullerenes Inhibit Viral Infection. <i>Biomacromolecules</i> , 2013, 14, 431-437.	2.6	134
4	Virus-like glycodendrinanoparticles displaying quasi-equivalent nested polyvalency upon glycoprotein platforms potently block viral infection. <i>Nature Communications</i> , 2012, 3, 1303.	5.8	121
5	Inhibition of DC-SIGN-Mediated HIV Infection by a Linear Trimannoside Mimic in a Tetravalent Presentation. <i>ACS Chemical Biology</i> , 2010, 5, 301-312.	1.6	115
6	Multi-molecule reaction of serum albumin can occur through thiol-yne coupling. <i>Chemical Communications</i> , 2011, 47, 11086.	2.2	99
7	[60]Fullerene as Multivalent Scaffold: Efficient Molecular Recognition of Globular Glycofullerenes by Concanavalin A. <i>Chemistry - A European Journal</i> , 2011, 17, 766-769.	1.7	85
8	Pseudosaccharide Functionalized Dendrimers as Potent Inhibitors of DC-SIGN Dependent Ebola Pseudotyped Viral Infection. <i>Bioconjugate Chemistry</i> , 2011, 22, 1354-1365.	1.8	82
9	A Third Shot at EGFR: New Opportunities in Cancer Therapy. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 941-955.	4.0	69
10	MiniAp4: A Venom-Inspired Peptidomimetic for Brain Delivery. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 572-575.	7.2	66
11	Jumping Hurdles: Peptides Able To Overcome Biological Barriers. <i>Accounts of Chemical Research</i> , 2017, 50, 1847-1854.	7.6	62
12	Peptide multifunctionalized gold nanorods decrease toxicity of β -amyloid peptide in a <i>Caenorhabditis elegans</i> model of Alzheimer's disease. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2341-2350.	1.7	60
13	A glycomimetic compound inhibits DC-SIGN-mediated HIV infection in cellular and cervical explant models. <i>Aids</i> , 2012, 26, 127-137.	1.0	58
14	Nanorods versus Nanovesicles from Amphiphilic Dendrofullerenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 16758-16761.	6.6	55
15	Fluoroglycoproteins: ready chemical site-selective incorporation of fluorosugars into proteins. <i>Chemical Communications</i> , 2010, 46, 8142.	2.2	50
16	Blood-brain barrier peptide shuttles. <i>Current Opinion in Chemical Biology</i> , 2017, 38, 134-140.	2.8	43
17	Improving gold nanorod delivery to the central nervous system by conjugation to the shuttle Angiopep-2. <i>Nanomedicine</i> , 2017, 12, 2503-2517.	1.7	41
18	Branched BBB-shuttle peptides: chemoselective modification of proteins to enhance blood-brain barrier transport. <i>Chemical Science</i> , 2018, 9, 8409-8415.	3.7	39

#	ARTICLE	IF	CITATIONS
19	Using peptides to increase transport across the intestinal barrier. <i>Advanced Drug Delivery Reviews</i> , 2016, 106, 355-366.	6.6	38
20	Targeting DC-SIGN with carbohydrate multivalent systems. <i>Drug News and Perspectives</i> , 2010, 23, 557.	1.9	36
21	Stable Electron Donor-Acceptor Nanohybrids by Interfacing <i>n</i> -Type TCAQ with <i>p</i> -Type Single-Walled Carbon Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10216-10220.	7.2	32
22	Advances in peptide-mediated cytosolic delivery of proteins. <i>Advanced Drug Delivery Reviews</i> , 2021, 171, 187-198.	6.6	26
23	Phage display as a tool to discover blood-brain barrier (BBB) shuttle peptides: panning against a human BBB cellular model. <i>Biopolymers</i> , 2017, 108, e22928.	1.2	23
24	Peptide Mediated Brain Delivery of Nano- and Submicroparticles: A Synergistic Approach. <i>Current Pharmaceutical Design</i> , 2018, 24, 1366-1376.	0.9	23
25	From venoms to BBB-shuttles. MiniCTX3: a molecular vector derived from scorpion venom. <i>Chemical Communications</i> , 2018, 54, 12738-12741.	2.2	18
26	Blocking EGFR Activation with Anti-EGF Nanobodies via Two Distinct Molecular Recognition Mechanisms. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13843-13847.	7.2	18
27	Amphiphilic Polymeric Nanoparticles Modified with a Retro-Enantio Peptide Shuttle Target the Brain of Mice. <i>Chemistry of Materials</i> , 2020, 32, 7679-7693.	3.2	18
28	Convergent Synthesis of Glycodendropeptides by Click Chemistry Approaches. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4565-4573.	1.2	16
29	Amphiphilic Polymeric Nanoparticles Modified with a Protease-Resistant Peptide Shuttle for the Delivery of SN-38 in Diffuse Intrinsic Pontine Glioma. <i>ACS Applied Nano Materials</i> , 2021, 4, 1314-1329.	2.4	15
30	Just passing through. <i>Nature Chemistry</i> , 2017, 9, 727-728.	6.6	14
31	Target-templated <i>de novo</i> design of macrocyclic <i>d</i> - <i>l</i> -peptides: discovery of drug-like inhibitors of PD-1. <i>Chemical Science</i> , 2021, 12, 5164-5170.	3.7	14
32	<i>In vivo</i> micro computed tomography detection and decrease in amyloid load by using multifunctionalized gold nanorods: a neurotheranostic platform for Alzheimer's disease. <i>Biomaterials Science</i> , 2021, 9, 4178-4190.	2.6	14
33	Protein Chemical Synthesis Combined with Mirror-Image Phage Display Yields <i>d</i> -Peptide EGF Ligands that Block the EGF-EGFR Interaction. <i>ChemBioChem</i> , 2019, 20, 2079-2084.	1.3	13
34	Oligoarginine Peptide Conjugated to BSA Improves Cell Penetration of Gold Nanorods and Nanoprisms for Biomedical Applications. <i>Pharmaceutics</i> , 2021, 13, 1204.	2.0	12
35	<i>d</i> -Polyarginine Lipopeptides as Intestinal Permeation Enhancers. <i>ChemMedChem</i> , 2018, 13, 2045-2052.	1.6	11
36	NIR and glutathione trigger the surface release of methotrexate linked by Diels-Alder adducts to anisotropic gold nanoparticles. <i>Materials Science and Engineering C</i> , 2021, 131, 112512.	3.8	10

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37	Indoloazepinoneâ€Constrained Oligomers as Cellâ€Penetrating and Bloodâ€Brainâ€Barrierâ€Permeating Compounds. ChemBioChem, 2018, 19, 696-705.	1.3	8
38	Synthetic Strategies to Create Dendrimers. Frontiers of Nanoscience, 2012, 4, 143-156.	0.3	7
39	The Combined Use of Gold Nanoparticles and Infrared Radiation Enables Cytosolic Protein Delivery. Chemistry - A European Journal, 2021, 27, 4670-4675.	1.7	6
40	Expanding the MiniApâ€4 BBBâ€shuttle family: Evaluation of proline <i>cis</i>â€<i>trans</i> ratio as tool to fineâ€tune transport. Journal of Peptide Science, 2019, 25, e3172.	0.8	5
41	Peptide Shuttle-Mediated Delivery for Brain Gene Therapies. Current Topics in Medicinal Chemistry, 2020, 20, 2945-2958.	1.0	4
42	Blocking EGFR Activation with Antiâ€EGF Nanobodies via Two Distinct Molecular Recognition Mechanisms. Angewandte Chemie, 2018, 130, 14039-14043.	1.6	2