

# Rosario MarÃ-a SÃ;nchez MartÃ-n

## List of Publications by Year in descending order

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48  
papers

1,507  
citations

394421

19  
h-index

315739

38  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1860  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Anticancer Therapy Based on a HA-CD44 Interaction Inhibitor Loaded on Polymeric Nanoparticles. <i>Pharmaceutics</i> , 2022, 14, 788.	4.5	4
2	Mass Cytometry Tags: Where Chemistry Meets Single-Cell Analysis. <i>Analytical Chemistry</i> , 2021, 93, 657-664.	6.5	17
3	An effective polymeric nanocarrier that allows for active targeting and selective drug delivery in cell coculture systems. <i>Nanoscale</i> , 2021, 13, 3500-3511.	5.6	5
4	Development of a nanotechnology-based approach for capturing and detecting nucleic acids by using flow cytometry. <i>Talanta</i> , 2021, 226, 122092.	5.5	5
5	Simultaneous Detection of Drug-Induced Liver Injury Protein and microRNA Biomarkers Using Dynamic Chemical Labelling on a Luminex MAGPIX System. <i>Analytica</i> "A Journal of Analytical Chemistry and Chemical Analysis", 2021, 2, 130-139.	1.7	6
6	A versatile theranostic nanodevice based on an orthogonal bioconjugation strategy for efficient targeted treatment and monitoring of triple negative breast cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102120.	3.3	19
7	Development of Cellular Models to Study Efficiency and Safety of Gene Edition by Homologous Directed Recombination Using the CRISPR/Cas9 System. <i>Cells</i> , 2020, 9, 1492.	4.1	1
8	Characterization and Therapeutic Effect of a pH Stimuli Responsive Polymeric Nanoformulation for Controlled Drug Release. <i>Polymers</i> , 2020, 12, 1265.	4.5	9
9	Amplification-free profiling of microRNA-122 biomarker in DILI patient serums, using the luminex MAGPIX system. <i>Talanta</i> , 2020, 219, 121265.	5.5	8
10	A colorimetric strategy based on dynamic chemistry for direct detection of Trypanosomatid species. <i>Scientific Reports</i> , 2019, 9, 3696.	3.3	9
11	PCR-free and chemistry-based technology for miR-21 rapid detection directly from tumour cells. <i>Talanta</i> , 2019, 200, 51-56.	5.5	12
12	Metallofluorescent Nanoparticles for Multimodal Applications. <i>ACS Omega</i> , 2018, 3, 144-153.	3.5	15
13	Identification of Trypanosomatids by detecting Single Nucleotide Fingerprints using DNA analysis by dynamic chemistry with MALDI-ToF. <i>Talanta</i> , 2018, 176, 299-307.	5.5	16
14	A PCR-free technology to detect and quantify microRNAs directly from human plasma. <i>Analyst</i> , The, 2018, 143, 5676-5682.	3.5	15
15	Drug "Clicking" on Cell-Penetrating Fluorescent Nanoparticles for <i>In Cellulo</i> Chemical Proteomics. <i>Bioconjugate Chemistry</i> , 2018, 29, 3154-3160.	3.6	10
16	Tracking cell proliferation using a nanotechnology-based approach. <i>Nanomedicine</i> , 2017, 12, 1591-1605.	3.3	8
17	Identification and characterization of a bacterial hyaluronidase and its production in recombinant form. <i>FEBS Letters</i> , 2016, 590, 2180-2189.	2.8	15
18	Novel bead-based platform for direct detection of unlabelled nucleic acids through Single Nucleobase Labelling. <i>Talanta</i> , 2016, 161, 489-496.	5.5	22

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19	Number of Nanoparticles per Cell through a Spectrophotometric Method - A key parameter to Assess Nanoparticle-based Cellular Assays. <i>Scientific Reports</i> , 2015, 5, 10091.	3.3	33
20	Cellular response to empty and palladium-conjugated amino-polystyrene nanospheres uptake: A proteomic study. <i>Proteomics</i> , 2015, 15, 34-43.	2.2	11
21	Polystyrene nanoparticles facilitate the internalization of impermeable biomolecules in non-tumour and tumour cells from colon epithelium. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	2
22	miRNA in situ hybridization in circulating tumor cells - MishCTC. <i>Scientific Reports</i> , 2015, 5, 9207.	3.3	37
23	Microsphere-Based Intracellular Sensing of Caspase-3/7 in Apoptotic Living Cells. <i>Macromolecular Bioscience</i> , 2014, 14, 923-928.	4.1	10
24	The Use of Solid Supports to Generate Nucleic Acid Carriers. <i>Accounts of Chemical Research</i> , 2012, 45, 1140-1152.	15.6	21
25	Synthesis of polystyrene microspheres and functionalization with Pd0 nanoparticles to perform bioorthogonal organometallic chemistry in living cells. <i>Nature Protocols</i> , 2012, 7, 1207-1218.	12.0	119
26	Sulfhydryl reactive microspheres for the efficient delivery of thiolated bioactive cargoes. <i>Journal of Materials Chemistry</i> , 2011, 21, 12735.	6.7	9
27	Novel Strategy for Microsphere-Mediated DNA Transfection. <i>Bioconjugate Chemistry</i> , 2011, 22, 1904-1908.	3.6	12
28	Efficient solid phase strategy for preparation of modified xanthene dyes for biolabelling. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1720.	2.8	4
29	Palladium-mediated intracellular chemistry. <i>Nature Chemistry</i> , 2011, 3, 239-243.	13.6	445
30	Investigation of microsphere-mediated cellular delivery by chemical, microscopic and gene expression analysis. <i>Molecular BioSystems</i> , 2010, 6, 399-409.	2.9	34
31	Microsphere-Mediated Protein Delivery into Cells. <i>ChemBioChem</i> , 2009, 10, 1453-1456.	2.6	27
32	Microspheres as a vehicle for biomolecule delivery to neural stem cells. <i>New Biotechnology</i> , 2009, 25, 442-449.	4.4	14
33	Microsphere-based tracing and molecular delivery in embryonic stem cells. <i>Biomaterials</i> , 2009, 30, 5853-5861.	11.4	28
34	Knocking (Anti)-Sense into Cells: The Microsphere Approach to Gene Silencing. <i>Bioconjugate Chemistry</i> , 2009, 20, 422-426.	3.6	19
35	pH sensing in living cells using fluorescent microspheres. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 313-317.	2.2	79
36	Peptoid dendrimers' microwave-assisted solid-phase synthesis and transfection agent evaluation. <i>Tetrahedron Letters</i> , 2008, 49, 923-926.	1.4	35

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37	<i>Multifunctionalized Biocompatible Microspheres for Sensing</i> . <i>Annals of the New York Academy of Sciences</i> , 2008, 1130, 207-217.	3.8	22
38	Solid-phase synthesis of a lysine-capped bis-dendron with remarkable DNA delivery abilities. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2266.	2.8	13
39	Microsphere-Based Real-Time Calcium Sensing. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5472-5474.	13.8	66
40	Towards a model for the inhibition of choline kinase by a new type of inhibitor. <i>European Journal of Medicinal Chemistry</i> , 2005, 40, 315-319.	5.5	7
41	<sup>1</sup> H and <sup>13</sup> C spectral assignment of symmetrical bis[(4-aminosubstituted)quinolinium] derivatives. <i>Magnetic Resonance in Chemistry</i> , 2005, 43, 1066-1071.	1.9	2
42	Bead-Based Cellular Analysis, Sorting and Multiplexing. <i>ChemBioChem</i> , 2005, 6, 1341-1345.	2.6	60
43	Synthesis and cellular uptake of cell delivering PNA-peptide conjugates. <i>Chemical Communications</i> , 2005, , 3316.	4.1	25
44	Influence of the Linker in Bispyridinium Compounds on the Inhibition of Human Choline Kinase. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 5433-5440.	6.4	29
45	The Impact of Combinatorial Methodologies on Medicinal Chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2004, 4, 653-669.	2.1	49
46	Bispyridinium Cyclophanes: Novel Templates for Human Choline Kinase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 3754-3757.	6.4	31
47	Conformational Dynamics of a Bispyridinium Cyclophane. <i>Journal of Organic Chemistry</i> , 2003, 68, 8697-8699.	3.2	17
48	Cell penetrable peptoid carrier vehicles: synthesis and evaluation Electronic supplementary information (ESI) available: experimental details. See <a href="http://www.rsc.org/suppdata/cc/b3/b306438g/">http://www.rsc.org/suppdata/cc/b3/b306438g/</a> . <i>Chemical Communications</i> , 2003, , 2312.	4.1	43