

Paula Ortega Lopez

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7361352/paula-ortega-lopez-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

1,235
citations

19
h-index

33
g-index

58
ext. papers

1,389
ext. citations

4.6
avg, IF

4.11
L-index

#	Paper	IF	Citations
55	Heterofunctional carbosilane polyphenolic dendrons: new antioxidants platforms.. <i>RSC Advances</i> , 2022 , 12, 10280-10288	3.7	0
54	Cationic Carbosilane Dendrimers Prevent Abnormal β -Synuclein Accumulation in Parkinson's Disease Patient-Specific Dopamine Neurons. <i>Biomacromolecules</i> , 2021 , 22, 4582-4591	6.9	3
53	Effect of the Combination of Levofloxacin with Cationic Carbosilane Dendron and Peptide in the Prevention and Treatment of Biofilms. <i>Polymers</i> , 2021 , 13,	4.5	3
52	Combined therapy of ruthenium dendrimers and anti-cancer drugs against human leukemic cells. <i>Dalton Transactions</i> , 2021 , 50, 9500-9511	4.3	3
51	Eradication of Biofilm Viability: In Vitro Combination Therapy of Cationic Carbosilane Dendrons Derived from 4-Phenylbutyric Acid with AgNO and EDTA. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	2
50	Heterofunctional ruthenium(II) carbosilane dendrons, a new class of dendritic molecules to fight against prostate cancer. <i>European Journal of Medicinal Chemistry</i> , 2020 , 207, 112695	6.8	3
49	Ruthenium Dendrimers against Human Lymphoblastic Leukemia 1301 Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
48	Alkali-Metal Compounds with Bio-Based Ligands as Catalysts for Isoselective Lactide Polymerization: Influence of the Catalyst Aggregation on the Polymerization Control. <i>Organometallics</i> , 2020 , 39, 2278-2286	3.8	9
47	Metallodendrimers as a promising tool in the biomedical field: An overview. <i>Advances in Organometallic Chemistry</i> , 2020 , 1-52	3.8	11
46	Cationic Carbosilane Dendritic Systems as Promising Anti-Amyloid Agents in Type 2 Diabetes. <i>Chemistry - A European Journal</i> , 2020 , 26, 7609-7621	4.8	5
45	Cyclopentadienyl ruthenium(II) carbosilane metallodendrimers as a promising treatment against advanced prostate cancer. <i>European Journal of Medicinal Chemistry</i> , 2020 , 199, 112414	6.8	6
44	Antioxidant and Antibacterial Properties of Carbosilane Dendrimers Functionalized with Polyphenolic Moieties. <i>Pharmaceutics</i> , 2020 , 12,	6.4	8
43	Copper (II) Metallodendrimers Combined with Pro-Apoptotic siRNAs as a Promising Strategy Against Breast Cancer Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	12
42	Antibacterial Effect of Carbosilane Metallodendrimers in Planktonic Cells of Gram-Positive and Gram-Negative Bacteria and Biofilm. <i>Biomolecules</i> , 2019 , 9,	5.9	11
41	Nanosystems as Vehicles for the Delivery of Antimicrobial Peptides (AMPs). <i>Pharmaceutics</i> , 2019 , 11,	6.4	55
40	Synthesis and Characterization of FITC Labelled Ruthenium Dendrimer as a Prospective Anticancer Drug. <i>Biomolecules</i> , 2019 , 9,	5.9	13
39	Insight into the antitumor activity of carbosilane Cu(II)-metallodendrimers through their interaction with biological membrane models. <i>Nanoscale</i> , 2019 , 11, 13330-13342	7.7	18

38	Carbosilane Dendron-Peptide Nanoconjugates as Antimicrobial Agents. <i>Molecular Pharmaceutics</i> , 2019 , 16, 2661-2674	5.6	19
37	In Vitro Anticancer Properties of Copper Metallodendrimers. <i>Biomolecules</i> , 2019 , 9,	5.9	12
36	Exploring the Interactions of Ruthenium (II) Carbosilane Metallodendrimers and Precursors with Model Cell Membranes through a Dual Spin-Label Spin-Probe Technique Using EPR. <i>Biomolecules</i> , 2019 , 9,	5.9	12
35	Synthesis and structural characterization of carbosilane ruthenium(II) metallodendrons containing cymene units. <i>Journal of Organometallic Chemistry</i> , 2019 , 901, 120942	2.3	3
34	Combination of Ruthenium Dendrimers and Acoustically Propelled Gold Nanowires as a Platform for Active Intracellular Drug Delivery Towards Breast Cancer Therapy. <i>Clinical Oncology and Research</i> , 2019 , 1-5	0.9	3
33	New bow-tie cationic carbosilane dendritic system with a curcumin core as an anti-breast cancer agent. <i>New Journal of Chemistry</i> , 2018 , 42, 11732-11738	3.6	7
32	Binding of poly(amidoamine), carbosilane, phosphorus and hybrid dendrimers to thrombin-Constants and mechanisms. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 155, 11-16	6	7
31	Carbosilane metallodendrimers based on copper (II) complexes: Synthesis, EPR characterization and anticancer activity. <i>Journal of Inorganic Biochemistry</i> , 2017 , 177, 211-218	4.2	26
30	Synthesis of chiral carbosilane dendrimers with l-cysteine and N-acetyl-l-cysteine on their surface and their application as chiral selectors for enantiomer separation by capillary electrophoresis. <i>Tetrahedron: Asymmetry</i> , 2017 , 28, 1797-1802		9
29	Polyphenolic carbosilane dendrimers as anticancer agents against prostate cancer. <i>New Journal of Chemistry</i> , 2016 , 40, 10488-10497	3.6	10
28	Dendronized PLGA nanoparticles with anionic carbosilane dendrons as antiviral agents against HIV infection. <i>RSC Advances</i> , 2016 , 6, 73817-73826	3.7	3
27	Synthesis, characterization and antibacterial behavior of water-soluble carbosilane dendrons containing ferrocene at the focal point. <i>Dalton Transactions</i> , 2015 , 44, 19294-304	4.3	20
26	Thiol ended carbosilane dendrimers. A multivalent platform for the binding of molecules of biological interest. <i>Tetrahedron Letters</i> , 2015 , 56, 5299-5302	2	5
25	Bifunctional chelating agents based on ionic carbosilane dendrons with DO3A at the focal point and their complexation behavior with copper(II). <i>Inorganic Chemistry</i> , 2015 , 54, 8943-56	5.1	9
24	Synthesis of new amphiphilic water-stable hyperbranched polycarbosilane polymers. <i>Polymer International</i> , 2014 , 63, 1311-1323	3.3	6
23	Dendrimers in RNAi Delivery 2013 , 163-185		
22	Study of cationic carbosilane dendrimers as potential activating stimuli in macrophages. <i>RSC Advances</i> , 2013 , 3, 23445	3.7	10
21	New hyperbranched carbosiloxane-carbosilane polymers with aromatic units in the backbone. <i>European Polymer Journal</i> , 2012 , 48, 1413-1421	5.2	9

20	Carbosilane dendrimers are a non-viral delivery system for antisense oligonucleotides: characterization of dendriplexes. <i>Journal of Biomedical Nanotechnology</i> , 2012 , 8, 57-73	4	32
19	Hyperbranched polymers versus dendrimers containing a carbosilane framework and terminal ammonium groups as antimicrobial agents. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 5238-48	3.9	53
18	Carbosilane dendrimers NN8 and NN16 form a stable complex with siGAG1. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 83, 388-91	6	31
17	Carbosilane dendrimers to transfect human astrocytes with small interfering RNA targeting human immunodeficiency virus. <i>BioDrugs</i> , 2010 , 24, 331-43	7.9	53
16	Synthesis of carbosilane dendrons and dendrimers derived from 1,3,5-trihydroxybenzene. <i>Tetrahedron</i> , 2010 , 66, 9203-9213	2.4	39
15	Gene therapy in HIV-infected cells to decrease viral impact by using an alternative delivery method. <i>ChemMedChem</i> , 2010 , 5, 921-9	3.7	42
14	Inside Cover: Gene Therapy in HIV-Infected Cells to Decrease Viral Impact by Using an Alternative Delivery Method (ChemMedChem 6/2010). <i>ChemMedChem</i> , 2010 , 5, 798-798	3.7	0
13	Globular carbosilane dendrimers with mannose groups at the periphery: synthesis, characterization and toxicity in dendritic cells. <i>Tetrahedron</i> , 2010 , 66, 3326-3331	2.4	10
12	Changes in gene expression pattern of human primary macrophages induced by carbosilane dendrimer 2G-NN16. <i>Pharmaceutical Research</i> , 2009 , 26, 577-86	4.5	30
11	Highly efficient transfection of rat cortical neurons using carbosilane dendrimers unveils a neuroprotective role for HIF-1alpha in early chemical hypoxia-mediated neurotoxicity. <i>Pharmaceutical Research</i> , 2009 , 26, 1181-91	4.5	56
10	Binding properties of water-soluble carbosilane dendrimers. <i>Journal of Fluorescence</i> , 2009 , 19, 267-75	2.4	19
9	Carbosilane dendrimers peripherally functionalized with dansyl fluorescence tags and their cellular internalization studies. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 3079	3.9	7
8	Characterization of carbosilane dendrimers as effective carriers of siRNA to HIV-infected lymphocytes. <i>Journal of Controlled Release</i> , 2008 , 132, 55-64	11.7	141
7	Amine and ammonium functionalization of chloromethylsilane-ended dendrimers. Antimicrobial activity studies. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 3264-9	3.9	61
6	Water-soluble carbosilane dendrimers: synthesis biocompatibility and complexation with oligonucleotides; evaluation for medical applications. <i>Chemistry - A European Journal</i> , 2007 , 13, 483-95	4.8	137
5	Analysis of interaction between dendriplexes and bovine serum albumin. <i>Biomacromolecules</i> , 2007 , 8, 2059-62	6.9	44
4	Water-soluble carbosilane dendrimers protect phosphorothioate oligonucleotides from binding to serum proteins. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1886-93	3.9	52
3	Novel Water-Soluble Carbosilane Dendrimers: Synthesis and Biocompatibility. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 1388-1396	2.3	58

- 2 Synthesis of polymetallic Group 4 complexes bridged by benzenediolate and triolate ligands. X-ray crystal structure of $[\{\text{Ti}(\text{C}_5\text{Me}_5)\text{Cl}_2\}_2\{\text{Et},4\text{-O}(2,3\text{-C}_6\text{H}_2\text{Me}_2)\text{O}\}]$. *Journal of Organometallic Chemistry*, **2003**, 681, 228-236 2.3 9
- 1 Synthesis of Aryloxo Cyclopentadienyl Group 4 Metal-Containing Dendrimers. *Organometallics*, **2003**, 22, 5109-5113 3.8 22