

# Rafael Gomez

## List of Publications by Year in descending order

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226  
papers

5,999  
citations

71004

43  
h-index

162838

57  
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233  
all docs

233  
docs citations

233  
times ranked

4415  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Antibacterial Effect of PEGylated Carbosilane Dendrimers on <i>P. aeruginosa</i> Alone and in Combination with Phage-Derived Endolysin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1873.	1.8	16
2	Heterofunctional carbosilane polyphenolic dendrons: new antioxidants platforms. <i>RSC Advances</i> , 2022, 12, 10280-10288.	1.7	2
3	Safety of G2-S16 Polyanionic Carbosilane Dendrimer as Possible HIV-1 Vaginal Microbicide. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2565.	1.8	1
4	Prevention of Herpesviridae Infections by Cationic PEGylated Carbosilane Dendrimers. <i>Pharmaceutics</i> , 2022, 14, 536.	2.0	1
5	Triazine- $\alpha$ -Carbosilane Dendrimers Enhance Cellular Uptake and Phototoxic Activity of Rose Bengal in Basal Cell Skin Carcinoma Cells. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1139-1154.	3.3	7
6	Safety and efficacy of G2-S16 dendrimer as microbicide in healthy human vaginal tissue explants. <i>Journal of Nanobiotechnology</i> , 2022, 20, 151.	4.2	2
7	Bacteria capture with magnetic nanoparticles modified with cationic carbosilane dendritic systems. <i>Materials Science and Engineering C</i> , 2022, 133, 112622.	3.8	12
8	Interaction of Cationic Carbosilane Dendrimers and Their siRNA Complexes with MCF-7 Cells Cultured in 3D Spheroids. <i>Cells</i> , 2022, 11, 1697.	1.8	1
9	The effect of surface modification of dendronized gold nanoparticles on activation and release of pyroptosis-inducing pro-inflammatory cytokines in presence of bacterial lipopolysaccharide in monocytes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112652.	2.5	3
10	Evaluation of dendronized gold nanoparticles as siRNAs carriers into cancer cells. <i>Journal of Molecular Liquids</i> , 2021, 324, 114726.	2.3	15
11	PEGylation of Dendronized Gold Nanoparticles Affects Their Interaction with Thrombin and siRNA. <i>Journal of Physical Chemistry B</i> , 2021, 125, 1196-1206.	1.2	8
12	Nanotechnology against human cytomegalovirus in vitro: polyanionic carbosilane dendrimers as antiviral agents. <i>Journal of Nanobiotechnology</i> , 2021, 19, 65.	4.2	9
13	Comparison of the effects of dendrimer, micelle and silver nanoparticles on phospholipase A2 structure. <i>Journal of Biotechnology</i> , 2021, 331, 48-52.	1.9	3
14	Promising PEGylated cationic dendrimers for delivery of miRNAs as a possible therapy against HIV-1 infection. <i>Journal of Nanobiotechnology</i> , 2021, 19, 158.	4.2	10
15	Interaction of Cationic Carbosilane Dendrimers and Their siRNA Complexes with MCF-7 Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7097.	1.8	11
16	Eradication of <i>Candida albicans</i> Biofilm Viability: In Vitro Combination Therapy of Cationic Carbosilane Dendrons Derived from 4-Phenylbutyric Acid with AgNO <sub>3</sub> and EDTA. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 574.	1.5	8
17	G2-S16 Polyanionic Carbosilane Dendrimer Can Reduce HIV-1 Reservoir Formation by Inhibiting Macrophage Cell to Cell Transmission. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8366.	1.8	1
18	Prospects of Cationic Carbosilane Dendronized Gold Nanoparticles as Non-viral Vectors for Delivery of Anticancer siRNAs siBCL-xL and siMCL-1. <i>Pharmaceutics</i> , 2021, 13, 1549.	2.0	10

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19	Organometallic dendrimers based on Ruthenium(II) N-heterocyclic carbenes and their implication as delivery systems of anticancer small interfering RNA. <i>Journal of Inorganic Biochemistry</i> , 2021, 223, 111540.	1.5	16
20	Electroanalytical study of five carbosilane dendrimers at the interface between two immiscible electrolyte solutions. <i>Analyst</i> , The, 2021, 146, 1376-1385.	1.7	2
21	Dendronized Gold Nanoparticles as Carriers for gp160 (HIV-1) Peptides: Biophysical Insight into Complex Formation. <i>Langmuir</i> , 2021, 37, 1542-1550.	1.6	10
22	Cationic Carbosilane Dendrimers Prevent Abnormal $\alpha$ -Synuclein Accumulation in Parkinson's Disease Patient-Specific Dopamine Neurons. <i>Biomacromolecules</i> , 2021, 22, 4582-4591.	2.6	12
23	Functionalization of silica with amine and ammonium alkyl chains, dendrons and dendrimers: Synthesis and antibacterial properties. <i>Materials Science and Engineering C</i> , 2020, 109, 110526.	3.8	14
24	Effect of PEGylation on the biological properties of cationic carbosilane dendronized gold nanoparticles. <i>International Journal of Pharmaceutics</i> , 2020, 573, 118867.	2.6	9
25	Carbosilane Dendrimers Loaded with siRNA Targeting Nrf2 as a Tool to Overcome Cisplatin Chemoresistance in Bladder Cancer Cells. <i>Antioxidants</i> , 2020, 9, 993.	2.2	20
26	pH-Sensitive Dendrimersomes of Hybrid Triazine-Carbosilane Dendritic Amphiphiles-Smart Vehicles for Drug Delivery. <i>Nanomaterials</i> , 2020, 10, 1899.	1.9	19
27	Evaluation of pH-dependent amphiphilic carbosilane dendrons in micelle formation, drug loading and HIV-1 infection. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 9639-9652.	1.5	4
28	Dendritic Nanotheranostic for the Delivery of Infliximab: A Potential Carrier in Rheumatoid Arthritis Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9101.	1.8	6
29	Antioxidant and Antibacterial Properties of Carbosilane Dendrimers Functionalized with Polyphenolic Moieties. <i>Pharmaceutics</i> , 2020, 12, 698.	2.0	19
30	Copper (II) Metallo-dendrimers Combined with Pro-Apoptotic siRNAs as a Promising Strategy Against Breast Cancer Cells. <i>Pharmaceutics</i> , 2020, 12, 727.	2.0	17
31	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.	2.6	7
32	Silver (I) N-Heterocyclic Carbenes Carbosilane Dendritic Systems and Their Imidazolium-Terminated Analogues as Antibacterial Agents: Study of Their Mode of Action. <i>Pharmaceutics</i> , 2020, 12, 968.	2.0	9
33	New synthetic procedure for the antiviral sulfonate carbosilane dendrimer G2-S16 and its fluorescein-labelled derivative for biological studies. <i>RSC Advances</i> , 2020, 10, 20083-20088.	1.7	6
34	Generation Dependent Effects and Entrance to Mitochondria of Hybrid Dendrimers on Normal and Cancer Neuronal Cells In Vitro. <i>Biomolecules</i> , 2020, 10, 427.	1.8	9
35	New Ionic Carbosilane Dendrons Possessing Fluorinated Tails at Different Locations on the Skeleton. <i>Molecules</i> , 2020, 25, 807.	1.7	6
36	Ultrastructural Study of <i>Acanthamoeba polyphaga</i> Trophozoites and Cysts Treated In Vitro with Cationic Carbosilane Dendrimers. <i>Pharmaceutics</i> , 2020, 12, 565.	2.0	12

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37	Silver Nanoparticles Surface-Modified with Carbosilane Dendrons as Carriers of Anticancer siRNA. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4647.	1.8	20
38	Cationic Carbosilane Dendritic Systems as Promising Anti-amyloid Agents in Type 2 Diabetes. <i>Chemistry - A European Journal</i> , 2020, 26, 7609-7621.	1.7	10
39	Cyclopentadienyl ruthenium(II) carbosilane metallodendrimers as a promising treatment against advanced prostate cancer. <i>European Journal of Medicinal Chemistry</i> , 2020, 199, 112414.	2.6	14
40	Synthesis of imidazolium-terminated carbosilane dendrimers and dendrons and study of their interactions with a cell membrane model. <i>European Polymer Journal</i> , 2020, 133, 109748.	2.6	9
41	CHAPTER 5. Poly(carbosilane) Dendrimers and Other Silicon-containing Dendrimers. <i>Monographs in Supramolecular Chemistry</i> , 2020, , 114-145.	0.2	8
42	PEGylated AgNP covered with cationic carbosilane dendrons to enhance antibacterial and inhibition of biofilm properties. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118591.	2.6	28
43	Ruthenium dendrimers against acute promyelocytic leukemia: <i>in vitro</i> studies on HL-60 cells. <i>Future Medicinal Chemistry</i> , 2019, 11, 1741-1756.	1.1	14
44	Synthesis of bow-tie carbosilane dendrimers and their HIV antiviral capacity: A comparison of the dendritic topology on the biological process. <i>European Polymer Journal</i> , 2019, 119, 200-212.	2.6	13
45	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, 540.	1.8	18
46	Synthesis and structural characterization of carbosilane ruthenium(II) metallodendrons containing cymene units. <i>Journal of Organometallic Chemistry</i> , 2019, 901, 120942.	0.8	4
47	Antibacterial Effect of Carbosilane Metallodendrimers in Planktonic Cells of Gram-Positive and Gram-Negative Bacteria and <i>Staphylococcus aureus</i> Biofilm. <i>Biomolecules</i> , 2019, 9, 405.	1.8	19
48	Nanosystems as Vehicles for the Delivery of Antimicrobial Peptides (AMPs). <i>Pharmaceutics</i> , 2019, 11, 448.	2.0	86
49	Synthesis and Characterization of FITC Labelled Ruthenium Dendrimer as a Prospective Anticancer Drug. <i>Biomolecules</i> , 2019, 9, 411.	1.8	19
50	Anticancer Activity of Dendriplexes against Advanced Prostate Cancer from Protumoral Peptides and Cationic Carbosilane Dendrimers. <i>Biomacromolecules</i> , 2019, 20, 1224-1234.	2.6	14
51	<i>In vitro</i> and <i>in vivo</i> evaluation of first-generation carbosilane arene Ru(II)-metallodendrimers in advanced prostate cancer. <i>European Polymer Journal</i> , 2019, 113, 229-235.	2.6	17
52	Insight into the antitumor activity of carbosilane Cu(II)-metallodendrimers through their interaction with biological membrane models. <i>Nanoscale</i> , 2019, 11, 13330-13342.	2.8	25
53	Dendronized magnetic nanoparticles for HIV-1 capture and rapid diagnostic. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 360-368.	2.5	22
54	G1-S4 or G2-S16 carbosilane dendrimer in combination with Platycodin D as a promising vaginal microbicide candidate with contraceptive activity. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2371-2381.	3.3	15

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55	Synthesis and in vitro activity of new biguanide-containing dendrimers on pathogenic isolates of <i>Acanthamoeba polyphaga</i> and <i>Acanthamoeba griffini</i> . <i>Parasitology Research</i> , 2019, 118, 1953-1961.	0.6	7
56	Carbosilane Dendronâ€“Peptide Nanoconjugates as Antimicrobial Agents. <i>Molecular Pharmaceutics</i> , 2019, 16, 2661-2674.	2.3	27
57	Aggregation behavior of surfactants with cationic and anionic dendronic head groups. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 430-439.	5.0	12
58	Complexes of Pro-Apoptotic siRNAs and Carbosilane Dendrimers: Formation and Effect on Cancer Cells. <i>Pharmaceutics</i> , 2019, 11, 25.	2.0	24
59	Ammonium and guanidine carbosilane dendrimers and dendrons as microbicides. <i>European Polymer Journal</i> , 2018, 101, 159-168.	2.6	23
60	Sulfonate-ended carbosilane dendrimers with a flexible scaffold cause inactivation of HIV-1 virions and gp120 shedding. <i>Nanoscale</i> , 2018, 10, 8998-9011.	2.8	20
61	Ruthenium dendrimers as carriers for anticancer siRNA. <i>Journal of Inorganic Biochemistry</i> , 2018, 181, 18-27.	1.5	33
62	Anionic Carbosilane Dendrimers Destabilize the GP120-CD4 Complex Blocking HIV-1 Entry and Cell to Cell Fusion. <i>Bioconjugate Chemistry</i> , 2018, 29, 1584-1594.	1.8	26
63	Carbon Nanotubes Decorated with Cationic Carbosilane Dendrons and Their Hybrids with Nucleic Acids. <i>ChemNanoMat</i> , 2018, 4, 220-230.	1.5	9
64	Study of non-covalent interactions on dendriplex formation: Influence of hydrophobic, electrostatic and hydrogen bonds interactions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 162, 380-388.	2.5	7
65	Dendronization of gold nanoparticles decreases their effect on human alpha-1-microglobulin. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 936-941.	3.6	10
66	Role of cationic carbosilane dendrons and metallic core of functionalized gold nanoparticles in their interaction with human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1773-1780.	3.6	13
67	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.	1.4	9
68	Dendrimer-protein interactions versus dendrimer-based nanomedicine. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 414-422.	2.5	42
69	G2-S16 dendrimer as a candidate for a microbicide to prevent HIV-1 infection in women. <i>Nanoscale</i> , 2017, 9, 9732-9742.	2.8	25
70	Antibacterial and antifungal properties of dendronized silver and gold nanoparticles with cationic carbosilane dendrons. <i>International Journal of Pharmaceutics</i> , 2017, 528, 55-61.	2.6	45
71	Binding of poly(amidoamine), carbosilane, phosphorus and hybrid dendrimers to thrombinâ€“Constants and mechanisms. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 155, 11-16.	2.5	9
72	Strategies for penicillin V dendronization with cationic carbosilane dendrons and study of antibacterial properties. <i>Canadian Journal of Chemistry</i> , 2017, 95, 927-934.	0.6	9

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73	Gold nanoparticles stabilized by cationic carbosilane dendrons: synthesis and biological properties. Dalton Transactions, 2017, 46, 8736-8745.	1.6	25
74	Ruthenium metalloidendrimers with anticancer potential in an acute promyelocytic leukemia cell line (HL60). European Polymer Journal, 2017, 87, 39-47.	2.6	34
75	Carbosilane metalloidendrimers based on copper (II) complexes: Synthesis, EPR characterization and anticancer activity. Journal of Inorganic Biochemistry, 2017, 177, 211-218.	1.5	36
76	Carbosilane dendrons with fatty acids at the core as a new potential microbicide against HSV-2/HIV-1 co-infection. Nanoscale, 2017, 9, 17263-17273.	2.8	19
77	New anionic carbosilane dendrons functionalized with a DO3A ligand at the focal point for the prevention of HIV-1 infection. Antiviral Research, 2017, 146, 54-64.	1.9	8
78	Amphiphilic carbosilane dendrons as a novel synthetic platform toward micelle formation. Organic and Biomolecular Chemistry, 2017, 15, 7352-7364.	1.5	21
79	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. Tetrahedron: Asymmetry, 2017, 28, 1797-1802.	1.8	12
80	Factors affecting interactions between sulphonate-terminated dendrimers and proteins: A three case study. Colloids and Surfaces B: Biointerfaces, 2017, 149, 196-205.	2.5	13
81	Polyanionic carbosilane dendrimers prevent hepatitis C virus infection in cell culture. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 49-58.	1.7	38
82	Function Oriented Molecular Design: Dendrimers as Novel Antimicrobials. Molecules, 2017, 22, 1581.	1.7	49
83	Efficacy of carbosilane dendrimers with an antiretroviral combination against HIV-1 in the presence of semen-derived enhancer of viral infection. European Journal of Pharmacology, 2017, 811, 155-163.	1.7	23
84	Antiviral mechanism of polyanionic carbosilane dendrimers against HIV-1. International Journal of Nanomedicine, 2016, 11, 1281.	3.3	35
85	Nanotechnology as a New Therapeutic Approach to Prevent the HIV-Infection of Treg Cells. PLoS ONE, 2016, 11, e0145760.	1.1	11
86	Prevention of vaginal and rectal herpes simplex virus type 2 transmission in mice: mechanism of antiviral action. International Journal of Nanomedicine, 2016, 11, 2147.	3.3	25
87	Efficacy of HIV antiviral polyanionic carbosilane dendrimer G2-S16 in the presence of semen. International Journal of Nanomedicine, 2016, 11, 2443.	3.3	20
88	Dendronized Anionic Gold Nanoparticles: Synthesis, Characterization, and Antiviral Activity. Chemistry - A European Journal, 2016, 22, 2987-2999.	1.7	40
89	Novel Water-Soluble Mucoadhesive Carbosilane Dendrimers for Ocular Administration. Molecular Pharmaceutics, 2016, 13, 2966-2976.	2.3	50
90	Structure-activity relationship study of cationic carbosilane dendritic systems as antibacterial agents. RSC Advances, 2016, 6, 7022-7033.	1.7	45

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91	The effect of polyethylene glycol-modified lipids on the interaction of HIV-1 derived peptide dendrimer complexes with lipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 3005-3016.	1.4	7
92	Dendronized PLGA nanoparticles with anionic carbosilane dendrons as antiviral agents against HIV infection. <i>RSC Advances</i> , 2016, 6, 73817-73826.	1.7	4
93	Synthesis of degradable cationic carbosilane dendrimers based on Si-O or ester bonds. <i>Tetrahedron</i> , 2016, 72, 5825-5830.	1.0	5
94	Improved Efficiency of Ibuprofen by Cationic Carbosilane Dendritic Conjugates. <i>Molecular Pharmaceutics</i> , 2016, 13, 3427-3438.	2.3	15
95	Effect of Several HIV Antigens Simultaneously Loaded with G2-NN16 Carbosilane Dendrimer in the Cell Uptake and Functionality of Human Dendritic Cells. <i>Bioconjugate Chemistry</i> , 2016, 27, 2844-2849.	1.8	8
96	Proof of concept of a green protein purification/enrichment method based on carboxylate-terminated carbosilane dendrimer-protein interactions. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7679-7687.	1.9	9
97	Interaction between dendrimers and regulatory proteins. Comparison of effects of carbosilane and viologen phosphorus dendrimers. <i>RSC Advances</i> , 2016, 6, 97546-97554.	1.7	10
98	Polyphenolic carbosilane dendrimers as anticancer agents against prostate cancer. <i>New Journal of Chemistry</i> , 2016, 40, 10488-10497.	1.4	14
99	In vitro anti- <i>Acanthamoeba</i> synergistic effect of chlorhexidine and cationic carbosilane dendrimers against both trophozoite and cyst forms. <i>International Journal of Pharmaceutics</i> , 2016, 509, 1-7.	2.6	37
100	Synthesis and anticancer activity of carbosilane metallodendrimers based on arene ruthenium complexes. <i>Dalton Transactions</i> , 2016, 45, 7049-7066.	1.6	65
101	Polycationic carbosilane dendrimer decreases angiogenesis and tumor-associated macrophages in tumor-bearing mice. <i>RSC Advances</i> , 2015, 5, 104110-104115.	1.7	2
102	Carbosilane dendrimers affect the fibrillation of $\beta$ -synuclein. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	1
103	Mesoporous Silica Nanoparticles Decorated with Carbosilane Dendrons as New Non-viral Oligonucleotide Delivery Carriers. <i>Chemistry - A European Journal</i> , 2015, 21, 15651-15666.	1.7	44
104	Synthesis, characterization and biological properties of new hybrid carbosilane viologen phosphorus dendrimers. <i>RSC Advances</i> , 2015, 5, 25942-25958.	1.7	24
105	HIV-1 antiviral behavior of anionic PPI metallo-dendrimers with EDA core. <i>European Journal of Medicinal Chemistry</i> , 2015, 98, 139-148.	2.6	26
106	Prevention vaginally of HIV-1 transmission in humanized BLT mice and mode of antiviral action of polyanionic carbosilane dendrimer G2-S16. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1299-1308.	1.7	52
107	Use of carbosilane dendrimer to switch macrophage polarization for the acquisition of antitumor functions. <i>Nanoscale</i> , 2015, 7, 3857-3866.	2.8	36
108	Dendrimers complexed with HIV-1 peptides interact with liposomes and lipid monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 907-915.	1.4	20



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109	Evaluation of the activity of new cationic carbosilane dendrimers on trophozoites and cysts of <i>Acanthamoeba polyphaga</i> . <i>Parasitology Research</i> , 2015, 114, 473-486.	0.6	30
110	In vivo delivery of siRNA to the brain by carbosilane dendrimer. <i>Journal of Controlled Release</i> , 2015, 200, 60-70.	4.8	98
111	Fluorescein labelled cationic carbosilane dendritic systems for biological studies. <i>European Polymer Journal</i> , 2015, 71, 61-72.	2.6	24
112	Carbosilane dendrimers inhibit $\alpha$ -synuclein fibrillation and prevent cells from rotenone-induced damage. <i>International Journal of Pharmaceutics</i> , 2015, 484, 268-275.	2.6	39
113	Triple combination of carbosilane dendrimers, tenofovir and maraviroc as potential microbicide to prevent HIV-1 sexual transmission. <i>Nanomedicine</i> , 2015, 10, 899-914.	1.7	44
114	Anticancer siRNA cocktails as a novel tool to treat cancer cells. Part (A). Mechanisms of interaction. <i>International Journal of Pharmaceutics</i> , 2015, 485, 261-269.	2.6	64
115	Anticancer siRNA cocktails as a novel tool to treat cancer cells. Part (B). Efficiency of pharmacological action. <i>International Journal of Pharmaceutics</i> , 2015, 485, 288-294.	2.6	71
116	Polyanionic carbosilane dendrimer-conjugated antiviral drugs as efficient microbicides: Recent trends and developments in HIV treatment/therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1481-1498.	1.7	60
117	Anti-Human Immunodeficiency Virus Activity of Thiol-Ene Carbosilane Dendrimers and Their Potential Development as a Topical Microbicide. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1783-1798.	0.5	19
118	Synthesis, characterization and antibacterial behavior of water-soluble carbosilane dendrons containing ferrocene at the focal point. <i>Dalton Transactions</i> , 2015, 44, 19294-19304.	1.6	24
119	Thiol ended carbosilane dendrimers. A multivalent platform for the binding of molecules of biological interest. <i>Tetrahedron Letters</i> , 2015, 56, 5299-5302.	0.7	6
120	Development of water-soluble polyanionic carbosilane dendrimers as novel and highly potent topical anti-HIV-2 microbicides. <i>Nanoscale</i> , 2015, 7, 14669-14683.	2.8	33
121	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, 8943-8956.	1.9	10
122	Novel non-viral gene delivery systems composed of carbosilane dendron functionalized nanoparticles prepared from nano-emulsions as non-viral carriers for antisense oligonucleotides. <i>International Journal of Pharmaceutics</i> , 2015, 478, 113-123.	2.6	55
123	Nanotech-derived topical microbicides for HIV prevention: The road to clinical development. <i>Antiviral Research</i> , 2015, 113, 33-48.	1.9	26
124	Enhanced activity of carbosilane dendrimers against HIV when combined with reverse transcriptase inhibitor drugs: searching for more potent microbicides. <i>International Journal of Nanomedicine</i> , 2014, 9, 3591.	3.3	20
125	Cationic Dendritic Systems as Non-viral Vehicles for Gene Delivery Applications. <i>RSC Polymer Chemistry Series</i> , 2014, , 321-355.	0.1	1
126	Dendrimers as nonviral vectors in dendritic cell-based immunotherapies against human immunodeficiency virus: steps toward their clinical evaluation. <i>Nanomedicine</i> , 2014, 9, 2683-2702.	1.7	17



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127	Carbosilane dendrimers as gene delivery agents for the treatment of HIV infection. <i>Journal of Controlled Release</i> , 2014, 184, 51-57.	4.8	58
128	Synergistic activity profile of carbosilane dendrimer G2-STE16 in combination with other dendrimers and antiretrovirals as topical anti-HIV-1 microbicide. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 609-618.	1.7	49
129	Polyanionic Functionalized Carbosilane Dendrimers as Potential Microbicides to Prevent HIV-1 Sexual Transmission. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A204-A204.	0.5	2
130	Synthesis of new amphiphilic water-stable hyperbranched polycarbosilane polymers. <i>Polymer International</i> , 2014, 63, 1311-1323.	1.6	7
131	Broad-spectrum Anti-HIV-1 Activity of Anionic Carbosilane Dendrimers and Synergy in Combination with Maraviroc and Tenofovir as Topical Microbicide. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A144-A144.	0.5	1
132	Antiviral Action of Sulfonate Anionic Carbosilane Dendrimer as a Topical Microbicide against HIV Infection. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A205-A205.	0.5	4
133	Carbosilane cationic dendrimers synthesized by thiol-ene click chemistry and their use as antibacterial agents. <i>RSC Advances</i> , 2014, 4, 1256-1265.	1.7	73
134	Synthesis of new anionic carbosilane dendrimers via thiol-ene chemistry and their antiviral behaviour. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3222.	1.5	41
135	Heterofunctionalized Carbosilane Dendritic Systems: Bifunctionalized Dendrons as Building Blocks versus Statistically Decorated Dendrimers. <i>Organometallics</i> , 2014, 33, 3977-3989.	1.1	25
136	Interference of cationic polymeric nanoparticles with clinical chemistry tests—Clinical relevance. <i>International Journal of Pharmaceutics</i> , 2014, 473, 599-606.	2.6	15
137	Interaction of cationic carbosilane dendrimers and their complexes with siRNA with erythrocytes and red blood cell ghosts. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 882-889.	1.4	23
138	Synthesis of anionic carbosilane dendrimers via click chemistry and their antiviral properties against HIV. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1099-1112.	2.5	36
139	Amphiphilic Cationic Carbosilane-PEG Dendrimers: Synthesis and Applications in Gene Therapy. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 43-52.	2.6	35
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