Rafael Gomez

List of Publications by Year
in descending order

226 papers	5,999 citations	61984 43 h-index	144013 57 g-index
233 all docs	233 docs citations	233 times ranked	3987 citing authors

#	Article	IF	Citations
1	Characterization of carbosilane dendrimers as effective carriers of siRNA to HIV-infected lymphocytes. Journal of Controlled Release, 2008, 132, 55-64.	9.9	154
2	Water-Soluble Carbosilane Dendrimers: Synthesis Biocompatibility and Complexation with Oligonucleotides; Evaluation for Medical Applications. Chemistry - A European Journal, 2007, 13, 483-495.	3.3	149
3	In vivo delivery of siRNA to the brain by carbosilane dendrimer. Journal of Controlled Release, 2015, 200, 60-70.	9.9	98
4	Mononuclear and Dendritic Nickel(II) Complexes Containing N,Nâ€˜-Iminopyridine Chelating Ligands:â€‰ Generation Effects on the Catalytic Oligomerization and Polymerization of Ethylene. Organometallics, 2006, 25, 3876-3887.	2.3	97
5	Nanosystems as Vehicles for the Delivery of Antimicrobial Peptides (AMPs). Pharmaceutics, 2019, 11, 448.	4.5	86
6	Mono-Î·7-cyclopentadienyl-benzamidinato chloro compounds of titanium, zirconium and hafnium. Journal of Organometallic Chemistry, 1995, 491, 153-158.	1.8	84
7	Synthesis and Reactivity of [(Amidosilyl)cyclopentadienyl]titanium and -zirconium Complexes. X-ray Molecular Structure of [Zr{Î·5:Î·1-C5H4SiMe2(Î¼-O)}Cl2{H2N(CHMe)Ph}]2. Organometallics, 1996, 15, 5577-5585.	2.3	83
8	Carbosilane dendrimer nanotechnology outlines of the broad HIV blocker profile. Journal of Controlled Release, 2012, 161, 949-958.	9.9	82
9	Carbosilane cationic dendrimers synthesized by thiolâ€“ene click chemistry and their use as antibacterial agents. RSC Advances, 2014, 4, 1256-1265.	3.6	73
10	Anticancer siRNA cocktails as a novel tool to treat cancer cells. Part (B). Efficiency of pharmacological action. International Journal of Pharmaceutics, 2015, 485, 288-294.	5.2	71
11	Carbosilane Dendrimers to Transfect Human Astrocytes with Small Interfering RNA Targeting Human Immunodeficiency Virus. BioDrugs, 2010, 24, 331-343.	4.6	66
12	Amine and ammonium functionalization of chloromethylsilane-ended dendrimers. Antimicrobial activity studies. Organic and Biomolecular Chemistry, 2008, 6, 3264.	2.8	65
13	Synthesis and anticancer activity of carbosilane metallodendrimers based on arene ruthenium(<scp>ii</scp>) complexes. Dalton Transactions, 2016, 45, 7049-7066.	3.3	65
14	Novel Water-Soluble Carbosilane Dendrimers: Synthesis and Biocompatibility. European Journal of Inorganic Chemistry, 2006, 2006, 1388-1396.	2.0	64
15	Water-stable ammonium-terminated carbosilane dendrimers as efficient antibacterial agents. Dalton Transactions, 2009, , 8704.	3.3	64
16	Anticancer siRNA cocktails as a novel tool to treat cancer cells. Part (A). Mechanisms of interaction. International Journal of Pharmaceutics, 2015, 485, 261-269.	5.2	64
17	Highly Efficient Transfection of Rat Cortical Neurons Using Carbosilane Dendrimers Unveils a Neuroprotective Role for HIF-1Î± in Early Chemical Hypoxia-Mediated Neurotoxicity. Pharmaceutical Research, 2009, 26, 1181-1191.	3.5	63
18	Polyanionic carbosilane dendrimer-conjugated antiviral drugs as efficient microbicides: Recent trends and developments in HIV treatment/therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1481-1498.	3.3	60

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19	Hyperbranched polymers versus dendrimers containing a carbosilane framework and terminal ammonium groups as antimicrobial agents. Organic and Biomolecular Chemistry, 2011, 9, 5238.	2.8	59
20	Carbosilane dendrimers as gene delivery agents for the treatment of HIV infection. Journal of Controlled Release, 2014, 184, 51-57.	9.9	58
21	Water-soluble carbosilane dendrimers protect phosphorothioate oligonucleotides from binding to serum proteins. Organic and Biomolecular Chemistry, 2007, 5, 1886-1893.	2.8	55
22	Novel non-viral gene delivery systems composed of carbosilane dendron functionalized nanoparticles prepared from nano-emulsions as non-viral carriers for antisense oligonucleotides. International Journal of Pharmaceutics, 2015, 478, 113-123.	5.2	55
23	Unexpected reactions of pentafluorophenylboron compounds with Î·-cyclopentadienyl(benzamidinato)zirconium derivatives. Journal of the Chemical Society Chemical Communications, 1994, , 2607-2608.	2.0	53
24	Prevention vaginally of HIV-1 transmission in humanized BLT mice and mode of antiviral action of polyanionic carbosilane dendrimer G2-S16. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 1299-1308.	3.3	52
25	Reactions of titanium- and zirconium(III) complexes with unsaturated organic systems. X-ray structure of {[(.eta.5-C5H5)Zr(CH3)]2[.mu.-.eta.1-.eta.2-CN(Me2C6H3)] (.mu.-.eta.5-.eta.5-C10H8)}. Organometallics, 1992, 11, 1229-1234.	2.3	50
26	Novel Water-Soluble Mucoadhesive Carbosilane Dendrimers for Ocular Administration. Molecular Pharmaceutics, 2016, 13, 2966-2976.	4.6	50
27	Mono(Î·-cyclopentadienyl)benzamidinato alkyl compounds of titanium and zirconium. Journal of the Chemical Society Dalton Transactions, 1995, , 217-225.	1.1	49
28	Development of sulphated and naphthylsulphonated carbosilane dendrimers as topical microbicides to prevent HIV-1 sexual transmission. Aids, 2013, 27, 1219-1229.	2.2	49
29	Synergistic activity profile of carbosilane dendrimer G2-STE16 in combination with other dendrimers and antiretrovirals as topical anti-HIV-1 microbicide. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 609-618.	3.3	49
30	Function Oriented Molecular Design: Dendrimers as Novel Antimicrobials. Molecules, 2017, 22, 1581.	3.8	49
31	Synthesis of Carbosilane Dendrimers Containing Peripheral (Cyclopentadienyl)(aryloxy)titanium(IV) Units. Organometallics, 2001, 20, 2583-2592.	2.3	48
32	Gene Therapy in HIVâ€Infected Cells to Decrease Viral Impact by Using an Alternative Delivery Method. ChemMedChem, 2010, 5, 921-929.	3.2	48
33	Monocyclopentadienyl-type titanium complexes with the [.eta.5-.eta.5-(C5H4)2SiMe2]2- ligand. X-ray crystal structure of [(TiCl)2(.mu.2-O){.mu.2-.eta.5-.eta.5-(C5H4)2SiMe2}]2(.mu.2-O)2. The first example of a nonplanar titanium oxide ["Ti4O4"] core. Organometallics, 1993, 12, 944-948.	2.3	47
34	Generation effects on the microstructure and product distribution in ethylene polymerization promoted by dendritic nickel catalysts. Chemical Communications, 2005, , 5217.	4.1	47
35	Analysis of Interaction between Dendriplexes and Bovine Serum Albumin. Biomacromolecules, 2007, 8, 2059-2062.	5.4	47
36	Thiol-Ene Synthesis of Cationic Carbosilane Dendrons: a New Family of Synthons. Organometallics, 2013, 32, 1789-1796.	2.3	47

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37	Phenotype and functional analysis of human monocytes-derived dendritic cells loaded with a carbosilane dendrimer. Biomaterials, 2010, 31, 8749-8758.	11.4	46
38	Dendrimers as topical microbicides with activity against HIV. New Journal of Chemistry, 2012, 36, 299-309.	2.8	45
39	Synthesis, structure and molecular modelling of anionic carbosilane dendrimers. Dalton Transactions, 2012, 41, 12733.	3.3	45
40	Structureâ€“activity relationship study of cationic carbosilane dendritic systems as antibacterial agents. RSC Advances, 2016, 6, 7022-7033.	3.6	45
41	Antibacterial and antifungal properties of dendronized silver and gold nanoparticles with cationic carbosilane dendrons. International Journal of Pharmaceutics, 2017, 528, 55-61.	5.2	45
42	Neutral and Cationic Dendritic Palladium(II) Complexes ContainingN,Nâ€˜-Iminopyridine Chelating Ligands. Synthesis and Their Use for the Syndiospecific Copolymerization of CO/4-tert-Butylstyreneâ€. Organometallics, 2006, 25, 3045-3055.	2.3	44
43	Mesoporous Silica Nanoparticles Decorated with Carbosilane Dendrons as New Nonâ€viral Oligonucleotide Delivery Carriers. Chemistry - A European Journal, 2015, 21, 15651-15666.	3.3	44
44	Triple combination of carbosilane dendrimers, tenofovir and maraviroc as potential microbicide to prevent HIV-1 sexual transmission. Nanomedicine, 2015, 10, 899-914.	3.3	44
45	Synthesis of carbosilane dendrons and dendrimers derived from 1,3,5-trihydroxybenzene. Tetrahedron, 2010, 66, 9203-9213.	1.9	43
46	Dendrimer-protein interactions versus dendrimer-based nanomedicine. Colloids and Surfaces B: Biointerfaces, 2017, 152, 414-422.	5.0	42
47	Titanocene and Zirconocene Complexes containing Dendrimer-Substituted Cyclopentadienyl Ligands â˜’ Synthesis and Ethylene Polymerization. European Journal of Inorganic Chemistry, 2002, 2002, 2281-2286.	2.0	41
48	Synthesis of new anionic carbosilane dendrimers via thiolâ€“ene chemistry and their antiviral behaviour. Organic and Biomolecular Chemistry, 2014, 12, 3222.	2.8	41
49	Novel â€˜SiCâ€™ carbosilane dendrimers as carriers for anti-HIV nucleic acids: Studies on complexation and interaction with blood cells. Colloids and Surfaces B: Biointerfaces, 2013, 109, 183-189.	5.0	40
50	Complexation of HIV derived peptides with carbosilane dendrimers. Colloids and Surfaces B: Biointerfaces, 2013, 101, 236-242.	5.0	40
51	Dendronized Anionic Gold Nanoparticles: Synthesis, Characterization, and Antiviral Activity. Chemistry - A European Journal, 2016, 22, 2987-2999.	3.3	40
52	Mono-Î·-cyclopentadienyl-benzamidinato compounds of titanium, zirconium and hafnium. Journal of the Chemical Society Chemical Communications, 1993, , 1415-1417.	2.0	39
53	Carbosilane dendrimers inhibit Î±-synuclein fibrillation and prevent cells from rotenone-induced damage. International Journal of Pharmaceutics, 2015, 484, 268-275.	5.2	39
54	Polyanionic carbosilane dendrimers prevent hepatitis C virus infection in cell culture. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 49-58.	3.3	38

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55	Changes in Gene Expression Pattern of Human Primary Macrophages Induced by Carbosilane Dendrimer 2G-NN16. Pharmaceutical Research, 2009, 26, 577-586.	3.5	37
56	In vitro anti- Acanthamoeba synergistic effect of chlorhexidine and cationic carbosilane dendrimers against both trophozoite and cyst forms. International Journal of Pharmaceutics, 2016, 509, 1-7.	5.2	37
57	Dinuclear titanium metallocene-type complexes with the bridging (dimethylsilylidene)bis(cyclopentadienyl) ligand. X-ray structures of [{TiCl2(.eta.5-C5Me5)}2{.mu.-.eta.5-.eta.5-(C5H4)2SiMe2}] and of [{TiCl(.eta.5-C5H5)}2(.mu.-O){.mu.-.eta.5-.eta.5-(C5H4)2SiMe2}]. Inorganic Chemistry, 1993, 32, 3608-3612.	4.0	36
58	Unexpected reactions of pentafluorophenyl boron compounds with Î·-cyclopentadienyl(benzamidinato)zirconium derivatives. Journal of the Chemical Society Dalton Transactions, 1996, , 939-946.	1.1	36
59	Tris(pyrazolyl)methane Ligands: Syntheses and Structures of Monometallic and Metallodendritic Complexes. European Journal of Inorganic Chemistry, 2004, 2004, 3287-3296.	2.0	36
60	Dendritic Î²-diketiminato titanium and zirconium complexes: synthesis and ethylene polymerisation. Journal of Organometallic Chemistry, 2005, 690, 939-943.	1.8	36
61	Synthesis of anionic carbosilane dendrimers via â€œclick chemistryâ€• and their antiviral properties against HIV. Journal of Polymer Science Part A, 2014, 52, 1099-1112.	2.3	36
62	Use of carbosilane dendrimer to switch macrophage polarization for the acquisition of antitumor functions. Nanoscale, 2015, 7, 3857-3866.	5.6	36
63	Carbosilane metallodendrimers based on copper (II) complexes: Synthesis, EPR characterization and anticancer activity. Journal of Inorganic Biochemistry, 2017, 177, 211-218.	3.5	36
64	Neutral and Cationic Aluminum and Titanium Complexes Incorporating Sterically Demanding Organosilicon Ligands. Organometallics, 2005, 24, 2331-2338.	2.3	35
65	Amphiphilic Cationic Carbosilaneâ€“PEG Dendrimers: Synthesis and Applications in Gene Therapy. European Journal of Medicinal Chemistry, 2014, 76, 43-52.	5.5	35
66	Antiviral mechanism of polyanionic carbosilane dendrimers against HIV-1. International Journal of Nanomedicine, 2016, 11, 1281.	6.7	35
67	Carbosilane Dendrimers are a Non-Viral Delivery System for Antisense Oligonucleotides: Characterization of Dendriplexes. Journal of Biomedical Nanotechnology, 2012, 8, 57-73.	1.1	34
68	Ruthenium metallodendrimers with anticancer potential in an acute promyelocytic leukemia cell line (HL60). European Polymer Journal, 2017, 87, 39-47.	5.4	34
69	In Vitro Studies of Water-Stable Cationic Carbosilane Dendrimers As Delivery Vehicles for Gene Therapy Against HIV and Hepatocarcinoma. Current Medicinal Chemistry, 2012, 19, 5052-5061.	2.4	34
70	Carbosilane dendrimers NN8 and NN16 form a stable complex with siGAG1. Colloids and Surfaces B: Biointerfaces, 2011, 83, 388-391.	5.0	33
71	Development of water-soluble polyanionic carbosilane dendrimers as novel and highly potent topical anti-HIV-2 microbicides. Nanoscale, 2015, 7, 14669-14683.	5.6	33
72	Ruthenium dendrimers as carriers for anticancer siRNA. Journal of Inorganic Biochemistry, 2018, 181, 18-27.	3.5	33

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73	siRNA carriers based on carbosilane dendrimers affect zeta potential and size of phospholipid vesicles. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2209-2216.	2.6	31
74	Synthesis of Cationic Carbosilane Dendrimers via Click Chemistry and Their Use as Effective Carriers for DNA Transfection into Cancerous Cells. Molecular Pharmaceutics, 2012, 9, 433-447.	4.6	31
75	Cationic carbosilane dendrimersâ€“lipid membrane interactions. Chemistry and Physics of Lipids, 2012, 165, 401-407.	3.2	30
76	Synergistic activity of carbosilane dendrimers in combination with maraviroc against HIV in vitro. Aids, 2013, 27, 2053-2058.	2.2	30
77	Evaluation of the activity of new cationic carbosilane dendrimers on trophozoites and cysts of Acanthamoeba polyphaga. Parasitology Research, 2015, 114, 473-486.	1.6	30
78	Reactivity of chlorodimethylsilyl-Î·5-cyclopentadienyltrichlorotitanium with nitrogen based donors. X-ray molecular structure of [Ti?Î·5-C5H4SiMe2[Î·1-N(2,6-Me2C6H3)]?Cl2]. Journal of Organometallic Chemistry, 1998, 564, 93-100.	1.8	28
79	PEGylated AgNP covered with cationic carbosilane dendrons to enhance antibacterial and inhibition of biofilm properties. International Journal of Pharmaceutics, 2019, 569, 118591.	5.2	28
80	Stereorigid titanocene and zirconocene derivatives. Synthesis and crystal structure of the dialkyl complex [Î·5-Î·5-(C5H4)2Si(CH3)2]Ti[CH2Si(CH3)3]2. Journal of Organometallic Chemistry, 1990, 382, 103-108.	1.8	27
81	Cationic species derived from the Î·1-amidosilyl-Î·5-cyclopentadienyl dimethyl titanium complex. Crystal structure of [Ti{Î·5-C5H4SiMe2[Î·1-N(2,6-Me2C6H3)]}{CH2B(C6F5)2}(C6F5)]. Journal of Organometallic Chemistry, 1999, 588, 22-27.	1.8	27
82	Silane dendrimers containing titanium complexes on their periphery. Journal of Organometallic Chemistry, 2000, 602, 208-210.	1.8	27
83	Carbosilane Dendronâ€“Peptide Nanoconjugates as Antimicrobial Agents. Molecular Pharmaceutics, 2019, 16, 2661-2674.	4.6	27
84	Antiviral Properties Against HIV of Water Soluble Copper Carbosilane Dendrimers and their EPR Characterization. Current Medicinal Chemistry, 2012, 19, 4984-4994.	2.4	27
85	HIV-1 antiviral behavior of anionic PPI metallo-dendrimers withÂEDAÂcore. European Journal of Medicinal Chemistry, 2015, 98, 139-148.	5.5	26
86	Nanotech-derived topical microbicides for HIV prevention: The road to clinical development. Antiviral Research, 2015, 113, 33-48.	4.1	26
87	Anionic Carbosilane Dendrimers Destabilize the GP120-CD4 Complex Blocking HIV-1 Entry and Cell to Cell Fusion. Bioconjugate Chemistry, 2018, 29, 1584-1594.	3.6	26
88	Group 4 ansa-metallocenes in oxidation state (III): synthesis, characterization, and chemical behavior. Crystal structure of [[.eta.5:.eta.5-(C5H4)2Si(CH3)2]TiCl(PMe2Ph)]. Organometallics, 1991, 10, 1505-1510.	2.3	25
89	Heterofunctionalized Carbosilane Dendritic Systems: Bifunctionalized Dendrons as Building Blocks versus Statistically Decorated Dendrimers. Organometallics, 2014, 33, 3977-3989.	2.3	25
90	Prevention of vaginal and rectal herpes simplex virus type 2 transmission in mice: mechanism of antiviral action. International Journal of Nanomedicine, 2016, 11, 2147.	6.7	25

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91	G2-S16 dendrimer as a candidate for a microbicide to prevent HIV-1 infection in women. Nanoscale, 2017, 9, 9732-9742.	5.6	25
92	Gold nanoparticles stabilized by cationic carbosilane dendrons: synthesis and biological properties. Dalton Transactions, 2017, 46, 8736-8745.	3.3	25
93	Insight into the antitumor activity of carbosilane Cu(<scp>ii</scp>)â€“metallodendrimers through their interaction with biological membrane models. Nanoscale, 2019, 11, 13330-13342.	5.6	25
94	Synthesis of Aryloxo Cyclopentadienyl Group 4 Metal-Containing Dendrimers. Organometallics, 2003, 22, 5109-5113.	2.3	24
95	Synthesis, characterization and biological properties of new hybrid carbosilaneâ€“viologenâ€“phosphorus dendrimers. RSC Advances, 2015, 5, 25942-25958.	3.6	24
96	Fluorescein labelled cationic carbosilane dendritic systems for biological studies. European Polymer Journal, 2015, 71, 61-72.	5.4	24
97	Synthesis, characterization and antibacterial behavior of water-soluble carbosilane dendrons containing ferrocene at the focal point. Dalton Transactions, 2015, 44, 19294-19304.	3.3	24
98	Complexes of Pro-Apoptotic siRNAs and Carbosilane Dendrimers: Formation and Effect on Cancer Cells. Pharmaceutics, 2019, 11, 25.	4.5	24
99	Mono- and di-cyclopentadienyl zirconium derivatives containing the dimethylsilylcyclopentadienyl ligand. Agostic linear Siâ€“Hâ€“Zr interaction in the molecular structure of [Zr{Î·5-C5H4(SiMe2H)}Cl3]2â€Šâ€. Dalton Transactions RSC, 2001, , 1657-1663.	2.3	23
100	Interaction of cationic carbosilane dendrimers and their complexes with siRNA with erythrocytes and red blood cell ghosts. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 882-889.	2.6	23
101	Ammonium and guanidine carbosilane dendrimers and dendrons as microbicides. European Polymer Journal, 2018, 101, 159-168.	5.4	23
102	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.	3.5	23
103	Carbosilane Dendrons Functionalized at Their Focal Point. European Journal of Inorganic Chemistry, 2005, 2005, 3742-3749.	2.0	22
104	Anionic sulfonated and carboxylated PPI dendrimers with the EDA core: synthesis and characterization of selective metal complexing agents. Dalton Transactions, 2013, 42, 5874.	3.3	22
105	Dendronized magnetic nanoparticles for HIV-1 capture and rapid diagnostic. Colloids and Surfaces B: Biointerfaces, 2019, 181, 360-368.	5.0	22
106	Dialkyl- and chloroalkyltitanium ansa-metallocene complexes: synthesis and characterization. Crystal structure of [.eta.5-.eta.5-(C5H4)2Si(CH3)2]TiClCH3. Organometallics, 1991, 10, 2516-2518.	2.3	21
107	Synthesis and characterization of ansa-dimethylsilylbiscyclopentadienyl titanium(II) complexes. Crystal structure of [Ti{Me2Si(C5H4)2}{CN(2,6-Me2C6H3)}2]. Journal of Organometallic Chemistry, 1993, 454, 105-111.	1.8	21
108	Synthesis and1H NMR studies of paramagnetic nickel(ii) complexes containing bis(pyrazolyl)methane ligands with dendritic substituents. Dalton Transactions, 2006, , 5379-5389.	3.3	21

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109	Binding Properties of Water-Soluble Carbosilane Dendrimers. Journal of Fluorescence, 2009, 19, 267-275.	2.5	21
110	Amphiphilic carbosilane dendrons as a novel synthetic platform toward micelle formation. Organic and Biomolecular Chemistry, 2017, 15, 7352-7364.	2.8	21
111	An NMR and Molecular Modeling Study of Carbosilane-Based Dendrimers Functionalized with Phenolic Groups or Titanium Complexes at the Periphery. Chemistry - A European Journal, 2005, 11, 1217-1227.	3.3	20
112	Enhanced activity of carbosilane dendrimers against HIV when combined with reverse transcriptase inhibitor drugs: searching for more potent microbicides. International Journal of Nanomedicine, 2014, 9, 3591.	6.7	20
113	Dendrimers complexed with HIV-1 peptides interact with liposomes and lipid monolayers. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 907-915.	2.6	20
114	Efficacy of HIV antiviral polyanionic carbosilane dendrimer G2-S16 in the presence of semen. International Journal of Nanomedicine, 2016, 11, 2443.	6.7	20
115	Sulfonate-ended carbosilane dendrimers with a flexible scaffold cause inactivation of HIV-1 virions and gp120 shedding. Nanoscale, 2018, 10, 8998-9011.	5.6	20
116	Carbosilane Dendrimers Loaded with siRNA Targeting Nrf2 as a Tool to Overcome Cisplatin Chemoresistance in Bladder Cancer Cells. Antioxidants, 2020, 9, 993.	5.1	20
117	Silver Nanoparticles Surface-Modified with Carbosilane Dendrons as Carriers of Anticancer siRNA. International Journal of Molecular Sciences, 2020, 21, 4647.	4.1	20
118	Anti-Human Immunodeficiency Virus Activity of Thiol-Ene Carbosilane Dendrimers and Their Potential Development as a Topical Microbicide. Journal of Biomedical Nanotechnology, 2015, 11, 1783-1798.	1.1	19
119	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.	5.6	19
120	Antibacterial Effect of Carbosilane Metallodendrimers in Planktonic Cells of Gram-Positive and Gram-Negative Bacteria and Staphylococcus aureus Biofilm. Biomolecules, 2019, 9, 405.	4.0	19
121	Synthesis and Characterization of FITC Labelled Ruthenium Dendrimer as a Prospective Anticancer Drug. Biomolecules, 2019, 9, 411.	4.0	19
122	pH-Sensitive Dendrimersomes of Hybrid Triazine-Carbosilane Dendritic Amphiphiles-Smart Vehicles for Drug Delivery. Nanomaterials, 2020, 10, 1899.	4.1	19
123	Antioxidant and Antibacterial Properties of Carbosilane Dendrimers Functionalized with Polyphenolic Moieties. Pharmaceutics, 2020, 12, 698.	4.5	19
124	Polyanionic N-donor ligands as chelating agents in transition metal complexes: synthesis, structural characterization and antiviral properties against HIV. Dalton Transactions, 2012, 41, 6488.	3.3	18
125	In vitro comparative assessment of different viability assays in Acanthamoeba castellanii and Acanthamoeba polyphaga trophozoites. Parasitology Research, 2013, 112, 4087-4095.	1.6	18
126	Exploring the Interactions of Ruthenium (II) Carbosilane Metallodendrimers and Precursors with Model Cell Membranes through a Dual Spin-Label Spin-Probe Technique Using EPR. Biomolecules, 2019, 9, 540.	4.0	18

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127	Silyl and siloxanediyl cyclopentadienyl titanium and zirconium complexes: synthesis and reactivity. X-ray molecular structure of [Zr{Î·5-C5H4SiMe2(Î¼-OH)} (Î¼-Cl)Cl2]2. Polyhedron, 1998, 17, 1055-1064.	2.2	17
128	Arylimido niobium(V) complexes: mononuclear and dendritic derivatives. Journal of Organometallic Chemistry, 2002, 664, 258-267.	1.8	17
129	Transitionâ€Metal Complexes Based on a Sulfonateâ€Containing Nâ€Donor Ligand and Their Use as HIV Antiviral Agents. European Journal of Inorganic Chemistry, 2011, 2011, 1657-1665.	2.0	17
130	The inhibition of Th17 immune response inÂvitro and inÂvivo by the carbosilane dendrimer 2G-NN16. Biomaterials, 2012, 33, 4002-4009.	11.4	17
131	In vitro evaluation of the effectiveness of new water-stable cationic carbosilane dendrimers against Acanthamoeba castellanii UAH-T17c3 trophozoites. Parasitology Research, 2013, 112, 961-969.	1.6	17
132	Dendrimers as nonviral vectors in dendritic cell-based immunotherapies against human immunodeficiency virus: steps toward their clinical evaluation. Nanomedicine, 2014, 9, 2683-2702.	3.3	17
133	In vitro and in vivo evaluation of first-generation carbosilane arene Ru(II)-metallodendrimers in advanced prostate cancer. European Polymer Journal, 2019, 113, 229-235.	5.4	17
134	Copper (II) Metallodendrimers Combined with Pro-Apoptotic siRNAs as a Promising Strategy Against Breast Cancer Cells. Pharmaceutics, 2020, 12, 727.	4.5	17
135	Biophysical Characterization of Glycodendrimers As Nano-carriers for HIV Peptides. Current Medicinal Chemistry, 2013, 20, 3935-3943.	2.4	17
136	A study of ortho- and para-siloxyanilines for the synthesis of mono-, bi-, and tetra-nuclear early transition metalâ€“imido complexes. Journal of Organometallic Chemistry, 2000, 610, 42-48.	1.8	16
137	Organometallic dendrimers based on Ruthenium(II) N-heterocyclic carbenes and their implication as delivery systems of anticancer small interfering RNA. Journal of Inorganic Biochemistry, 2021, 223, 111540.	3.5	16
138	The Antibacterial Effect of PEGylated Carbosilane Dendrimers on P. aeruginosa Alone and in Combination with Phage-Derived Endolysin. International Journal of Molecular Sciences, 2022, 23, 1873.	4.1	16
139	Ethylene polymerization behavior of monometallic complexes and metallodendrimers based on cyclopentadienyl-aryloxy titanium units. Journal of Organometallic Chemistry, 2005, 690, 4620-4627.	1.8	15
140	Characterization of carboxylate-terminated carbosilane dendrimers and their evaluation as nanoadditives in capillary electrophoresis for vegetable protein profiling. Journal of Chromatography A, 2012, 1234, 16-21.	3.7	15
141	Interference of cationic polymeric nanoparticles with clinical chemistry testsâ€”Clinical relevance. International Journal of Pharmaceutics, 2014, 473, 599-606.	5.2	15
142	Improved Efficiency of Ibuprofen by Cationic Carbosilane Dendritic Conjugates. Molecular Pharmaceutics, 2016, 13, 3427-3438.	4.6	15
143	G1-S4 or G2-S16 carbosilan dendrimer in combination with Platycodin D as a promising vaginal microbicide candidate with contraceptive activity . International Journal of Nanomedicine, 2019, Volume 14, 2371-2381.	6.7	15
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