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**Poly(amidoamine) (PAMAM) dendrimers: from biomimicry to drug delivery and biomedical applications**

**DOI: 10.1016/s1359-6446(01)01757-3**  
**Drug Discovery Today, 2001, 6, 427-436.**

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1386	Synthesis and Characterization of Poly(glycerol succinic acid) Dendrimers. <b>2001</b> , 34, 7648-7655		86
1385	Synthetic polymer systems in drug delivery. <b>2001</b> , 6, 345-63		11
1384	Recent developments in cationic lipid-mediated gene delivery and gene therapy. <b>2001</b> , 11, 1729-1752		28
1383	Synthetic polymer systems in drug development. <b>2001</b> , 6, 331-43		1
1382	Partial shell-filled core-shell tecto(dendrimers): a strategy to surface differentiated nano-clefts and cusps. <b>2002</b> , 99, 5081-7		91
1381	Physicochemical Properties of Dendrimers and Dendrimers-Surfactants. <b>2002</b> , 75, 30-35		
1380	Dendrimers as carrier protein mimetics for IgE antibody recognition. Synthesis and characterization of densely penicilloylated dendrimers. <i>Bioconjugate Chemistry</i> , <b>2002</b> , 13, 647-53	6.3	31
1379	Novel Iodinated Dendritic Nanoparticles for Computed Tomography (CT) Imaging. <b>2002</b> , 2, 595-599		91
1378	Delivery of Catalytic Metal Species onto Surfaces with Dendrimer Carriers for the Synthesis of Carbon Nanotubes with Narrow Diameter Distribution. <b>2002</b> , 106, 12361-12365		120
1377	Polyester dendritic systems for drug delivery applications: in vitro and in vivo evaluation. <i>Bioconjugate Chemistry</i> , <b>2002</b> , 13, 453-61	6.3	437
1376	Investigation of the Factors Influencing the Formation of Dendrimer/Polyanion Multilayer Films. <b>2002</b> , 18, 7669-7676		73
1375	Polyester dendritic systems for drug delivery applications: design, synthesis, and characterization. <i>Bioconjugate Chemistry</i> , <b>2002</b> , 13, 443-52	6.3	273
1374	Transfection of HEK cells via DNA-loaded PLGA and P(FASA) nanospheres. <b>2002</b> , 10, 497-506		8
1373	Peptide dendrimers: applications and synthesis. <b>2002</b> , 90, 195-229		245
1372	Dendritische Polymere für medizinische Anwendungen: auf dem Weg zum Einsatz in Diagnostik und Therapie. <b>2002</b> , 114, 1385		58
1371	Dendritic polymers in biomedical applications: from potential to clinical use in diagnostics and therapy. <b>2002</b> , 41, 1329-34		560
1370	Exploitation of intracellular pH gradients in the cellular delivery of macromolecules. <b>2002</b> , 91, 903-13		110

1369	Dendritic polymer macromolecular carriers for drug delivery. <b>2002</b> , 6, 466-71	512
1368	Biological applications of dendrimers. <b>2002</b> , 6, 742-8	473
1367	A divergent synthesis of new aliphatic poly(ester-amine) dendrimers bearing peripheral hydroxyl or acrylate groups. <b>2002</b> , 43, 9417-9419	17
1366	Development of hemoglobin aquasomes from spherical hydroxyapatite cores precipitated in the presence of half-generation poly(amidoamine) dendrimer. <b>2002</b> , 241, 145-54	44
1365	Syntheses of dendritic linkers containing chlorambucil residues for the preparation of antibody-multidrug immunoconjugates. <b>2002</b> , 12, 2213-5	6
1364	[Neoglycoconjugates based on dendrimeric poly(aminoamides)]. <b>2002</b> , 28, 518-34	13
1363	Recent progress in polymer-based gene delivery vectors. <b>2003</b> , 48, 1304-1309	12
1362	Scaling properties in the molecular structure of three-dimensional, nanosized phenylene-based dendrimers as studied by atomistic molecular dynamics simulations. <b>2003</b> , 41, 2269-2283	28
1361	An approach to novel polyamidoamine (PAMAM) side chain dendritic polyesterurethane (SCDPEU) block copolymer architectures. <b>2003</b> , 39, 2141-2146	14
1360	Surface vibrational sum frequency and Raman studies of PAMAM G0, G1 and acylated PAMAM G0 dendrimers. <b>2003</b> , 496, 117-131	36
1359	Structure control within poly(amidoamine) dendrimers: size, shape and regio-chemical mimicry of globular proteins. <b>2003</b> , 59, 3799-3813	155
1358	Drug complexation, in vitro release and cellular entry of dendrimers and hyperbranched polymers. <b>2003</b> , 259, 143-60	346
1357	Solid-state nanostructure of PAMAM dendrimer-fluorosurfactant complexes and nanoparticles synthesis within the ionic subphase. <b>2003</b> , 212, 115-121	26
1356	Functionalizing the interior of dendrimers: Synthetic challenges and applications. <b>2003</b> , 41, 1047-1058	99
1355	Enabling ScFvs as multi-drug carriers: a dendritic approach. <b>2003</b> , 11, 1761-8	11
1354	Altering the strength of lectin binding interactions and controlling the amount of lectin clustering using mannose/hydroxyl-functionalized dendrimers. <b>2003</b> , 125, 8820-6	167
1353	Synthesis and Hierarchical Structures of Amphiphilic Polyphenylacetylenes Carrying L-Valine Pendants. <b>2003</b> , 36, 77-85	135
1352	Quenching Dynamics of the Photoluminescence of [Ru(bpy) <sub>3</sub> ] <sup>2+</sup> -Pendant PAMAM Dendrimers by Nitro Aromatics and Other Materials. <b>2003</b> , 36, 1272-1278	40

1351	Dendritic molecular capsules for hydrophobic compounds. <b>2003</b> , 125, 15485-9		217
1350	Water-soluble degradable hyperbranched polyesters: novel candidates for drug delivery?. <b>2003</b> , 4, 704-12		74
1349	Penicillin V-conjugated PEG-PAMAM star polymers. <b>2003</b> , 14, 1043-56		116
1348	Dendrimers and Supramolecular Chemistry. <b>2003</b> , 15, 5-23		59
1347	Synthesis and biological evaluation of folate receptor-targeted boronated PAMAM dendrimers as potential agents for neutron capture therapy. <i>Bioconjugate Chemistry</i> , <b>2003</b> , 14, 158-67	6.3	126
1346	Gadolinium-labeled dendrimers as biometric nanoprobe to detect vascular permeability. <b>2003</b> , 13, 1523		44
1345	Biomedical applications of polymers 2001 - 2002. <b>2003</b> , 3,		10
1344	Molecular imaging using magnetic resonance: new tools for the development of tumour therapy. <b>2003</b> , 76 Spec No 2, S111-7		22
1343	. <b>2004</b> ,		250
1342	Unimolecular Micelles for Drug Delivery. <b>2004</b> , 1-15		
1341	Intercalation of dendrimers in the interlayer of hydrotalcite clay sheets. <b>2004</b> , 113-119		4
1340	Synthesis of Polyamide Dendrimers bearing Multiple Hydrogen Bonding Parts on the Periphery. <b>2004</b> , 16, 611-624		6
1339	A nanotechnology-based analog of monoclonal antibodies for targeted delivery of diagnostic and therapeutic agents. <b>2004</b> , 2004, 5242-5		
1338	The use of a dendrimer-propranolol prodrug to bypass efflux transporters and enhance oral bioavailability. <i>Journal of Controlled Release</i> , <b>2004</b> , 95, 447-53	11.7	222
1337	Transport of dendrimer nanocarriers through epithelial cells via the transcellular route. <i>Journal of Controlled Release</i> , <b>2004</b> , 97, 259-67	11.7	132
1336	A novel anionic dendrimer for improved cellular delivery of antisense oligonucleotides. <i>Journal of Controlled Release</i> , <b>2004</b> , 99, 139-55	11.7	76
1335	Nanogel formation consisting of DNA and poly(amido amine) dendrimer studied by static light scattering and atomic force microscopy. <b>2004</b> , 5, 69-73		53
1334	3H dendrimer nanoparticle organ/tumor distribution. <b>2004</b> , 21, 476-83		119

1333	Polymetallic lanthanide complexes with PAMAM-naphthalimide dendritic ligands: luminescent lanthanide complexes formed in solution. <b>2004</b> , 126, 16278-9	109
1332	A polyamidoamine dendrimer-capped mesoporous silica nanosphere-based gene transfection reagent. <b>2004</b> , 126, 13216-7	747
1331	Influence of PAMAM dendrimers on human red blood cells. <b>2004</b> , 63, 189-91	128
1330	Drug delivery to the small intestine. <b>2004</b> , 6, 371-6	22
1329	Synthesis and characterization of surface-hyperbranched magnetite nanoparticle for bovine serum albumin immobilization. <b>2004</b> , 2, 261-265	7
1328	A surface-modified dendrimer set for potential application as drug delivery vehicles: synthesis, in vitro toxicity, and intracellular localization. <b>2004</b> , 10, 1167-92	98
1327	In vitro and in vivo evaluation of a melamine dendrimer as a vehicle for drug delivery. <b>2004</b> , 281, 129-32	121
1326	Synthetic and biological polymers merging the interface. <b>2004</b> , 40, 5-25	74
1325	Interactions of quinine with polyacrylic and poly-L-glutamic acids in aqueous solutions. <b>2004</b> , 40, 819-828	6
1324	Atomic force microscopy studies of generation 4 poly(amidoamine) (PAMAM) dendrimers on functionalized surfaces. <b>2004</b> , 558, 99-110	16
1323	Hyperbranched polymers: from synthesis to applications. <b>2004</b> , 29, 183-275	1773
1322	DNA-Directed Synthesis of Generation 7 and 5 PAMAM Dendrimer Nanoclusters. <b>2004</b> , 4, 391-397	96
1321	Polyamidoamine (Yet Not PAMAM) dendrimers as bioinspired materials for drug delivery: structure-activity relationships by molecular simulations. <b>2004</b> , 5, 1371-8	39
1320	Morphological investigation of hybrid Langmuir-Blodgett films of arachidic acid with a hydrotalcite/dendrimer nanocomposite. <b>2004</b> , 20, 8865-9	36
1319	Interactions of poly(amidoamine) dendrimers with the surfactants SDS, DTAB, and C12EO6: an equilibrium and structural study using a SDS selective electrode, isothermal titration calorimetry, and small angle neutron scattering. <b>2004</b> , 20, 9320-8	36
1318	Dendrimer-functionalized self-assembled monolayers as a surface plasmon resonance sensor surface. <b>2004</b> , 20, 6808-17	98
1317	Designed Dendrimer Syntheses by Self-Assembly of Single-Site, ssDNA Functionalized Dendrons. <b>2004</b> , 4, 771-777	75
1316	Dendritic polymers composed of glycerol and succinic acid: Synthetic methodologies and medical applications. <b>2004</b> , 76, 1375-1385	48

1315	Synthesis and self-assembly of supramolecular dendritic "Bow-Ties": effect of peripheral functionality on association constants. <b>2004</b> , 69, 46-53		50
1314	Photophysics of a WaterSoluble Rylene Dye: Comparison with Other Fluorescent Molecules for Biological Applications. <b>2004</b> , 108, 12242-12251		95
1313	Fluorescence emission from dendrimers and its pH dependence. <b>2004</b> , 126, 13204-5		303
1312	In vitro targeting of synthesized antibody-conjugated dendrimer nanoparticles. <b>2004</b> , 5, 2269-74		166
1311	Catalysis by hydrophobically modified poly(propylenimine) dendrimers having quaternary ammonium and tertiary amine functionality. <b>2004</b> , 20, 8307-12		29
1310	Site-specific conjugation of boron-containing dendrimers to anti-EGF receptor monoclonal antibody cetuximab (IMC-C225) and its evaluation as a potential delivery agent for neutron capture therapy. <i>Bioconjugate Chemistry</i> , <b>2004</b> , 15, 185-94	6.3	151
1309	Spider-web amphiphiles as artificial lipid clusters: design, synthesis, and accommodation of lipid components at the air-water interface. <b>2004</b> , 20, 6762-9		15
1308	Reduction of drug toxicity using dendrimers based on melamine. <b>2004</b> , 1, 390-3		81
1307	Interaction of poly(amidoamine) dendrimers with supported lipid bilayers and cells: hole formation and the relation to transport. <i>Bioconjugate Chemistry</i> , <b>2004</b> , 15, 774-82	6.3	508
1306	Synthesis and in vitro testing of J591 antibody-dendrimer conjugates for targeted prostate cancer therapy. <i>Bioconjugate Chemistry</i> , <b>2004</b> , 15, 1174-81	6.3	196
1305	Cytotoxicity, hemolysis, and acute in vivo toxicity of dendrimers based on melamine, candidate vehicles for drug delivery. <b>2004</b> , 126, 10044-8		353
1304	Polyamidoamine dendrimers inhibit binding of Tat peptide to TAR RNA. <b>2004</b> , 563, 241-5		24
1303	Dendrimers in drug research. <b>2004</b> , 33, 43-63		1023
1302	[Polyfection as nonviral gene transfer method -design of novel nonviral vector using alpha-cyclodextrin]. <b>2004</b> , 124, 451-64		9
1301	Optical examination of cell culture in bioreactors creating simulated in vivo conditions. <b>2005</b> ,		1
1300	Birth of a new macromolecular architecture: dendrimers as quantized building blocks for nanoscale synthetic polymer chemistry. <b>2005</b> , 30, 294-324		860
1299	Functional polymers: from plastic electronics to polymer-assisted therapeutics. <b>2005</b> , 30, 844-857		70
1298	HPLC analysis of PAMAM dendrimer based multifunctional devices. <b>2005</b> , 822, 21-6		67

1297	Synthesis of dendrimer-protected TiO <sub>2</sub> nanoparticles and photodegradation of organic molecules in an aqueous nanoparticle suspension. <b>2005</b> , 285, 158-62	41
1296	Functionalized dendrimers as endotoxin sponges. <b>2005</b> , 15, 1295-8	25
1295	Fluorometric assay for detection and quantitation of polyamidoamine dendrimers. <b>2005</b> , 344, 70-5	16
1294	Targeting cancer cells with dendrimers. <b>2005</b> , 12, 5-6	66
1293	Polyacrylamide gel electrophoresis separation and detection of polyamidoamine dendrimers possessing various cores and terminal groups. <b>2005</b> , 1081, 238-44	34
1292	Solubilisation and transformation of amphipathic lipidic dendron vesicles (dendrisomes) into mixed micelles. <b>2005</b> , 268, 52-59	11
1291	Dendrimers as potential drug carriers. Part I. Solubilization of non-steroidal anti-inflammatory drugs in the presence of polyamidoamine dendrimers. <b>2005</b> , 40, 1188-92	141
1290	Solubility of nicotinic acid in polyamidoamine dendrimer solutions. <b>2005</b> , 40, 1384-9	54
1289	Dendrimer-drug interactions. <b>2005</b> , 57, 2147-62	471
1288	Transepithelial and endothelial transport of poly (amidoamine) dendrimers. <b>2005</b> , 57, 2163-76	150
1287	Targeted drug delivery with dendrimers: comparison of the release kinetics of covalently conjugated drug and non-covalent drug inclusion complex. <b>2005</b> , 57, 2203-14	518
1286	Dendrimers in gene delivery. <b>2005</b> , 57, 2177-202	839
1285	Dendrimer biocompatibility and toxicity. <b>2005</b> , 57, 2215-37	934
1284	Film structures of poly(amido amine) dendrimers with an azacrown core and long alkyl chain spacers on water or Ag nanoparticle suspension. <b>2005</b> , 21, 6846-54	27
1283	Light-induced gene transfer from packaged DNA enveloped in a dendrimeric photosensitizer. <b>2005</b> , 4, 934-41	312
1282	Dendrimers and dendritic polymers in drug delivery. <i>Drug Discovery Today</i> , <b>2005</b> , 10, 35-43	8.8 1127
1281	Extended release of a novel antidepressant, venlafaxine, based on anionic polyamidoamine dendrimers and poly(ethylene glycol)-containing semi-interpenetrating networks. <b>2005</b> , 72, 107-14	53
1280	Capillary electrophoresis of polycationic poly(amidoamine) dendrimers. <b>2005</b> , 26, 2949-59	40

1279	Analysis of poly(amidoamine)-succinamic acid dendrimers by slab-gel electrophoresis and capillary zone electrophoresis. <b>2005</b> , 26, 2960-7	53
1278	Synthesis and screening of a small library of proline-based biodendrimers for use as delivery agents. <b>2005</b> , 80, 800-14	27
1277	Interaction of heme proteins with poly(propyleneimine) dendrimers in layer-by-layer assembly films under different pH conditions. <b>2005</b> , 79, 310-23	9
1276	Dendrisomes: vesicular structures derived from a cationic lipidic dendron. <b>2005</b> , 94, 102-13	18
1275	Versatile peptide dendrimers for nucleic acid delivery. <b>2005</b> , 94, 446-57	53
1274	Synthesis of water-soluble, multiple functionalizable dendrons for the conversion of large dendrimers or other molecular objects into potential drug carriers. <b>2005</b> , 11, 5589-610	12
1273	Rotational dynamics account for pH-dependent relaxivities of PAMAM dendrimeric, Gd-based potential MRI contrast agents. <b>2005</b> , 11, 3064-76	109
1272	Tat-conjugated PAMAM dendrimers as delivery agents for antisense and siRNA oligonucleotides. <b>2005</b> , 22, 2099-106	182
1271	Dendritic polymers in glycobiology. <b>2005</b> , 54, 1065-1083	11
1270	The dendritic state. <b>2005</b> , 8, 34-46	95
1269	Peptide dendrimers. <b>2005</b> , 11, 757-88	101
1268	. <b>2005</b> ,	114
1267	Nanotechnology and DNA Delivery. <b>2005</b> , 30, 654-658	13
1266	Engineering nanospaces: ordered mesoporous silicas as model substrates for building complex hybrid materials. <b>2005</b> , 16, S458-75	99
1265	Biological evaluation of dendrimers based on melamine. <b>2005</b> , 15, 31-39	6
1264	Dendrimers as DNA Carriers. <b>2005</b> , 75-86	
1263	Multivalent, bifunctional dendrimers prepared by click chemistry. <b>2005</b> , 5775-7	389
1262	Dendrimers in biomedical applications--reflections on the field. <b>2005</b> , 57, 2106-29	1408



1261	Capillary electrophoresis of poly(amidoamine) dendrimers: from simple derivatives to complex multifunctional medical nanodevices. <b>2005</b> , 2, 278-94	50
1260	Encapsulation of drug nanoparticles in self-assembled macromolecular nanoshells. <b>2005</b> , 21, 403-10	111
1259	Fluorescent dendrimers with a peptide cathepsin B cleavage site for drug delivery applications. <b>2005</b> , 1830-2	41
1258	Nanopercolation. <b>2005</b> , 5, 1483-6	3
1257	Dendritic supramolecular assemblies for drug delivery. <b>2005</b> , 4309-11	50
1256	Dendrimeric Gd(III) complex of a monophosphinated DOTA analogue: optimizing relaxivity by reducing internal motion. <b>2005</b> , 2390-2	56
1255	Thiophene dendron jacketed poly(amidoamine) dendrimers: nanoparticle synthesis and adsorption on graphite. <b>2005</b> , 127, 1744-51	59
1254	Targeting and inhibition of cell growth by an engineered dendritic nanodevice. <b>2005</b> , 48, 3729-35	254
1253	Synthesis and relaxivity studies of a tetranuclear gadolinium(III) complex of DO3A as a contrast-enhancing agent for MRI. <b>2005</b> , 44, 9434-43	22
1252	Toward the next-generation drug delivery vehicle: synthesis of a dendrimer with four orthogonally reactive groups. <b>2005</b> , 2, 273-7	50
1251	Synthesis of Arborescent Isoprene Homopolymers. <b>2005</b> , 38, 4124-4132	43
1250	Impact of Branching on the Phase Behavior of Polymers. <b>2005</b> , 38, 10596-10604	22
1249	In vitro gene delivery using polyamidoamine dendrimers with a trimesyl core. <b>2005</b> , 6, 341-50	96
1248	Peptide and amide bond-containing dendrimers. <b>2005</b> , 105, 1663-81	296
1247	Polymer Nanocontainers. <b>2005</b> , 168-184	1
1246	S-Layer Proteins in Bioelectronic Applications. <b>2005</b> , 395-426	1
1245	Synthesis and properties of carborane-functionalized aliphatic polyester dendrimers. <b>2005</b> , 127, 12081-9	141
1244	Non-viral Gene Therapy. <b>2005</b> ,	15

1243	Dendrimers Clicked Together Divergently. <b>2005</b> , 38, 5436-5443		227
1242	Synthetic polymers as drugs and therapeutics. <b>2005</b> , 15, 441-455		70
1241	Poly(amidoamine) dendrimer-based multifunctional engineered nanodevice for cancer therapy. <b>2005</b> , 48, 5892-9		354
1240	Interaction of porphyrins with a dendrimer template: self-aggregation controlled by pH. <b>2005</b> , 21, 9714-20		70
1239	Thiolated PAMAM dendrimer-coated CdSe/ZnSe nanoparticles as protein transfection agents. <b>2006</b> , 1637-9		55
1238	Self-assembly of dendrimer-encapsulated nanoparticle arrays using 2-D microbial S-layer protein biotemplates. <b>2006</b> , 7, 1884-97		60
1237	Solubilization and Release Properties of Dendrimers. Evaluation as Prospective Drug Delivery Systems. <b>2006</b> , 18, 633-643		30
1236	Hyperbranched polymers as drug carriers: microencapsulation and release kinetics. <i>Pharmaceutical Development and Technology</i> , <b>2006</b> , 11, 55-70	3-4	42
1235	Modified poly(propylene imine) dendrimers as effective transfection agents for catalytic DNA enzymes (DNAzymes). <b>2006</b> , 14, 69-86		76
1234	Dendrimer-based nanoprobe for dual modality magnetic resonance and fluorescence imaging. <b>2006</b> , 6, 1459-63		236
1233	Synergistic Supramolecular Encapsulation of Amphiphilic Hyperbranched Polymer to Dyes. <b>2006</b> , 39, 8102-8111		82
1232	Molecular heterogeneity analysis of poly(amidoamine) dendrimer-based mono- and multifunctional nanodevices by capillary electrophoresis. <b>2006</b> , 131, 374-81		56
1231	pH-Responsive dendritic core-shell architectures as amphiphilic nanocarriers for polar drugs. <b>2006</b> , 14, 367-74		36
1230	Dendrimers for pharmaceutical and biomedical applications. <b>2006</b> , 17, 3-19		144
1229	Chemically and Electrochemically Mediated Release of Dendrimer End Groups. <b>2006</b> , 39, 7295-7301		21
1228	Synthesis of Generational Polyester Dendrimers Derived from Glycerol and Succinic or Adipic Acid. <b>2006</b> , 39, 609-616		63
1227	Synthesis and evaluation of novel dendrimers with a hydrophilic interior as nanocarriers for drug delivery. <i>Bioconjugate Chemistry</i> , <b>2006</b> , 17, 29-41	6.3	79
1226	PAMAM dendrimeric conjugates with a Gd-DOTA phosphinate derivative and their adducts with polyaminoacids: the interplay of global motion, internal rotation, and fast water exchange. <i>Bioconjugate Chemistry</i> , <b>2006</b> , 17, 975-87	6.3	104

1225	Influence of dendrimer's structure on its activity against amyloid fibril formation. <b>2006</b> , 345, 21-8		123
1224	Crossing cellular barriers using dendrimer nanotechnologies. <b>2006</b> , 6, 522-7		78
1223	Dendrimers: novel polymeric nanoarchitectures for solubility enhancement. <b>2006</b> , 7, 649-58		305
1222	Dendrimer-encapsulated camptothecins: increased solubility, cellular uptake, and cellular retention affords enhanced anticancer activity in vitro. <b>2006</b> , 66, 11913-21		262
1221	PAMAM dendrimer-based multifunctional conjugate for cancer therapy: synthesis, characterization, and functionality. <b>2006</b> , 7, 572-9		534
1220	Peptide Dendrimers as Immunogens. <b>2006</b> , 541-546		1
1219	Hyperbranched molecular structures with potential antiviral activity: derivatives of 5,6-dihydroxyindole-2-carboxylic Acid. <i>Molecules</i> , <b>2006</b> , 11, 968-77	4.8	7
1218	. <b>2006</b> ,		10
1217	Neutron Capture Therapy of Cancer. <b>2006</b> , 77-103		1
1216	Dendritic Nanostructures for Cancer Therapy. <b>2006</b> , 509-530		
1215	Lanthanide complexes with more intense luminescence: a strategy for the formation of polymetallic lanthanide dendrimer complexes and semiconductor nanocrystal compounds. <b>2006</b> ,		
1214	Dendrimer optimization for a glucose-sensitive fluorescent assay. <b>2006</b> ,		
1213	Molecular weight determination of ultra-high mass compounds on a standard matrix-assisted laser desorption/ionization time-of-flight mass spectrometer: PAMAM dendrimer generation 10 and immunoglobulin M. <b>2006</b> , 20, 3803-6		18
1212	Novel route to dendritic structures and their application for surface modification. <b>2006</b> , 44, 1372-1386		11
1211	Dendrimers as potential drug carriers. Part II. Prolonged delivery of ketoprofen by in vitro and in vivo studies. <b>2006</b> , 41, 670-4		101
1210	Dendrimer-protein interactions studied by tryptophan room temperature phosphorescence. <b>2006</b> , 1764, 1750-6		34
1209	Comprehensive characterization of surface-functionalized poly(amidoamine) dendrimers with acetamide, hydroxyl, and carboxyl groups. <b>2006</b> , 272, 139-150		76
1208	A review of in vitro-in vivo investigations on dendrimers: the novel nanoscopic drug carriers. <b>2006</b> , 2, 66-73		84

1207	Synthesis and characterization of polyamidoamine dendrimers surface-functionalized with bromotricarbonylpyridyliminerhenium(I) units. <b>2006</b> , 691, 5540-5546	5
1206	Preparation of initiator and cross-linker-free poly(N-isopropylacrylamide) nanogels by photopolymerization. <b>2006</b> , 177, 191-196	11
1205	Adsorption behaviors of poly(amido amine) dendrimers with an azacrown core and long alkyl chain spacers on solid substrates. <b>2006</b> , 293, 333-41	17
1204	The design, synthesis, and characterization of a PAMAM-based triple helical collagen mimetic dendrimer. <b>2006</b> , 62, 5280-5286	31
1203	Theoretical design of dendrimeric fractal patterns for the encapsulation of a family of drugs: salicylanilides. <b>2006</b> , 62, 12116-12125	19
1202	Divergent synthesis of novel unsymmetrical dendrons containing photosensitizing units. <b>2006</b> , 47, 8745-8749	3
1201	Dendrimers Based on Melamine: Vehicles for Drug Delivery?. <b>2006</b> , 121-136	
1200	Synthesis and retrostructural analysis of libraries of AB3 and constitutional isomeric AB2 phenylpropyl ether-based supramolecular dendrimers. <b>2006</b> , 128, 3324-34	135
1199	Intracellular delivery of oligonucleotide conjugates and dendrimer complexes. <b>2006</b> , 1082, 18-26	37
1198	Molecular interactions of dendrimers with amyloid peptides: pH dependence. <b>2006</b> , 7, 2186-91	63
1197	Thermo- and pH-responsive polymers in drug delivery. <b>2006</b> , 58, 1655-70	2430
1196	Polymer architecture and drug delivery. <b>2006</b> , 23, 1-30	495
1195	Transport of poly(amidoamine) dendrimers across Caco-2 cell monolayers: Influence of size, charge and fluorescent labeling. <b>2006</b> , 23, 2818-26	150
1194	Antithrombogenic properties of bioconjugate streptokinase-polyglycerol dendrimers. <b>2006</b> , 17, 105-11	38
1193	Influence of interfacial features in the supramolecular assembly of 3,5-dihydroxybenzylalcohol based dendrimers on Si/SiO <sub>2</sub> surfaces. <b>2006</b> , 297, 455-64	3
1192	Three generations of alpha,gamma-diaminobutyric acid modified poly(propyleneimine) dendrimers and their cisplatin-type platinum complexes. <b>2006</b> , 69, 151-61	27
1191	Assessing responses to cancer therapy using molecular imaging. <b>2006</b> , 1766, 242-61	45
1190	Biodistribution characteristics of amino acid dendrimers and their PEGylated derivatives after intravenous administration. <i>Journal of Controlled Release</i> , <b>2006</b> , 114, 69-77	11.7 89

1189	PEGylated lysine dendrimers for tumor-selective targeting after intravenous injection in tumor-bearing mice. <i>Journal of Controlled Release</i> , <b>2006</b> , 116, 330-6	11.7	120
1188	Exploring and expanding the structural diversity of self-assembling dendrons through combinations of AB, constitutional isomeric AB <sub>2</sub> , and AB <sub>3</sub> biphenyl-4-methyl ether building blocks. <b>2006</b> , 12, 6216-41		79
1187	Supramolecular self-organization of "Janus-like" diblock codendrimers: synthesis, thermal behavior, and phase structure modeling. <b>2006</b> , 12, 8396-413		82
1186	Hormone-PAMAM dendrimer conjugates: polymer dynamics and tether structure affect ligand access to receptors. <b>2006</b> , 45, 7243-8		47
1185	Electrophoretic mobility and molecular distribution studies of poly(amidoamine) dendrimers of defined charges. <b>2006</b> , 27, 1758-67		54
1184	Synthesis of Novel Biodegradable Cationic Dendrimers. <b>2006</b> , 27, 1608-1614		14
1183	Hormone-PAMAM Dendrimer Conjugates: Polymer Dynamics and Tether Structure Affect Ligand Access to Receptors. <b>2006</b> , 118, 7401-7406		1
1182	Cellular Interactions of Nano Drug Delivery Systems. 113-136		2
1181	Estrogen dendrimer conjugates that preferentially activate extranuclear, nongenomic versus genomic pathways of estrogen action. <b>2006</b> , 20, 491-502		205
1180	Boron containing macromolecules and nanovehicles as delivery agents for neutron capture therapy. <b>2006</b> , 6, 167-84		73
1179	Molecular dynamics study of charged dendrimers in salt-free solution: effect of counterions. <b>2006</b> , 124, 94904		70
1178	PAMAM dendrimers and branched polyethyleneglycol (nanoparticles) prodrugs of (-)-beta-D-(2R, 4R)-dioxolane-thymine (DOT) and their anti-HIV activity. <b>2006</b> , 17, 321-9		10
1177	Nanoscale Amphiphilic Star-like Macromolecules with Carboxy-, Methoxy and Amine-terminated Chain Ends. <b>2006</b> , 21, 297-313		11
1176	Development of Nanostructures for Drug Delivery Applications. 139-206		1
1175	Dendrimers incorporating metallopincher functionalities: synthesis and applications. <b>2007</b> , 399-439		0
1174	Synthesis and Striking Fluorescence Properties of Hyperbranched Poly(amido amine). <b>2007</b> , 44, 417-424		46
1173	Targeted nanomaterials for radiotherapy. <b>2007</b> , 2, 805-15		38
1172	Dynamic imaging of lymphatic vessels and lymph nodes using a bimodal nanoparticulate contrast agent. <b>2007</b> , 5, 151-8		34

1171	Nanovehicles and High Molecular Weight Delivery Agents for Boron Neutron Capture Therapy We thank Bentham Science Publishers, Ltd for granting copyright release to republish the text and figures of this article.. <b>2007,</b>	
1170	Dendrimer-based prodrugs: design, synthesis, screening and biological evaluation. <b>2007, 10, 336-49</b>	38
1169	Properties of aliphatic hyperbranched polyesters in dilute solutions. <b>2007, 72, 1493-1506</b>	5
1168	Recent Developments in Boron Neutron Capture Therapy (BNCT) Driven by Nanotechnology. <b>2007, 1, 141-149</b>	15
1167	Dendrimers in Cancer Treatment and Diagnosis. <b>2007,</b>	16
1166	Organo-clay hybrids based on dendritic molecules: preparation and characterization. <b>2007, 18, 205606</b>	27
1165	Advanced Drug Formulation Design to Optimize Therapeutic Outcomes. <b>2007,</b>	7
1164	Chapter 9 Homo- and Hybrid-Monolayers of Dendritic Polymers. <b>2007, 14, 219-245</b>	1
1163	Dendrimers as multi-purpose nanodevices for oncology drug delivery and diagnostic imaging. <b>2007, 35, 61-7</b>	421
1162	Pharmaceutical Applications of Nanoparticulate Drug-Delivery Systems. <b>2007, 185-212</b>	2
1161	Dendritic systems in drug delivery applications. <b>2007, 4, 495-512</b>	33
1160	Synthesis of symmetrical and unsymmetrical PAMAM dendrimers by fusion between azide- and alkyne-functionalized PAMAM dendrons. <i>Bioconjugate Chemistry</i> , <b>2007, 18, 579-84</b>	6.3 56
1159	Determination of Molecular Weight, Particle Size, and Density of High Number Generation PAMAM Dendrimers Using MALDI-TOF/MS and nESI-EMMA. <b>2007, 40, 5599-5605</b>	73
1158	Anticancer Polymeric Nanomedicines. <b>2007, 47, 345-381</b>	240
1157	Demulsification of Crude Oil Emulsion Using Polyamidoamine Dendrimers. <b>2007, 42, 2111-2120</b>	36
1156	Expanding the structural diversity of self-assembling dendrons and supramolecular dendrimers via complex building blocks. <b>2007, 129, 11265-78</b>	131
1155	Templating silica network construction using 3,5-dihydroxybenzylalcohol based dendrimers: influence of dendrimer aggregation on evolving network structure. <b>2007, 17, 2737</b>	5
1154	Small Angle Neutron Scattering Studies of the Counterion Effects on the Molecular Conformation and Structure of Charged G4 PAMAM Dendrimers in Aqueous Solutions. <b>2007, 40, 5887-5898</b>	104

1153	Labeling of Polymer Nanostructures for Medical Imaging: Importance of crosslinking extent, spacer length, and charge density. <b>2007</b> , 40, 2971-2973		44
1152	Design of a New Multifunctionalized PAMAM Dendrimer with Hydrazide-Terminated Spacer Arm Suitable for Metal Carbonyl Multilabeling of Aldehyde-Containing Molecules. <b>2007</b> , 40, 8568-8575		27
1151	Biomimetic interactions of proteins with functionalized nanoparticles: a thermodynamic study. <b>2007</b> , 129, 10747-53		254
1150	Remnant cationic dendrimers block RNA migration in electrophoresis after monophasic lysis. <b>2007</b> , 129, 383-90		21
1149	Conjugation of polyamidoamine dendrimers on biodegradable microparticles for nonviral gene delivery. <i>Bioconjugate Chemistry</i> , <b>2007</b> , 18, 2068-76	6.3	64
1148	Dendrimer-based BH3 conjugate that targets human carcinoma cells. <b>2007</b> , 8, 2986-9		29
1147	Monofunctionalization of dendrimers with use of microwave-assisted 1,3-dipolar cycloadditions. <b>2007</b> , 9, 2051-4		40
1146	Dendrimers and Hyperbranched Polymers for Drug Delivery. 105-129		3
1145	Dendrimers and magnetic resonance imaging. <b>2007</b> , 31, 1152		150
1144	. <b>2007</b> ,		32
1143	Amine-containing core-shell nanoparticles as potential drug carriers for intracellular delivery. <b>2007</b> , 80, 184-93		38
1142	Determination of binding constants of vasoactive intestinal peptide to poly(amidoamine) dendrimers designed for drug delivery using ACE. <b>2007</b> , 28, 2191-200		16
1141	Synthesis and in vitro Property Study of Polyaspartamides. <b>2007</b> , 25, 1748-1753		4
1140	Rheological Properties of Concentrated Solutions of Aliphatic Hyperbranched Polyesters. <b>2007</b> , 208, 2321-2330		16
1139	Water-soluble pH-responsive dendritic core-shell nanocarriers for polar dyes based on poly(ethylene imine). <b>2007</b> , 7, 968-74		76
1138	Transdermal delivery of nonsteroidal anti-inflammatory drugs mediated by polyamidoamine (PAMAM) dendrimers. <b>2007</b> , 96, 595-602		160
1137	Dendrimers as a carrier for pulmonary delivery of enoxaparin, a low-molecular weight heparin. <b>2007</b> , 96, 2090-106		106
1136	Reprint of "Fluorescence emission from PAMAM and PPI dendrimers [J. Colloid Interface Sci. 306 (2007) 222-227]. <b>2007</b> , 312, 8-13		10

1135	Improved biochemical strategies for targeted delivery of taxoids. <b>2007</b> , 15, 3597-623		48
1134	Evaluation of polyamidoamine (PAMAM) dendrimers as drug carriers of anti-bacterial drugs using sulfamethoxazole (SMZ) as a model drug. <b>2007</b> , 42, 93-8		150
1133	Polyamidoamine (PAMAM) dendrimers as biocompatible carriers of quinolone antimicrobials: an in vitro study. <b>2007</b> , 42, 1032-8		165
1132	The development of folate-PAMAM dendrimer conjugates for targeted delivery of anti-arthritic drugs and their pharmacokinetics and biodistribution in arthritic rats. <b>2007</b> , 28, 504-12		158
1131	Arginine-conjugated polypropylenimine dendrimer as a non-toxic and efficient gene delivery carrier. <b>2007</b> , 28, 2061-7		141
1130	Glycoconjugated peptide dendrimers-based nanoparticulate system for the delivery of chloroquine phosphate. <b>2007</b> , 28, 3349-59		195
1129	A nanoscopic multivalent antigen-presenting carrier for sensitive detection and drug delivery to T cells. <b>2007</b> , 3, 75-85		24
1128	Interaction of porphyrins with PAMAM dendrimers in aqueous solution. <b>2007</b> , 131-132, 200-205		20
1127	Radiation synthesis and characterization of polyamidoamine dendrimer macromolecules with different loads of nickel salt for adsorption of some metal ion. <b>2007</b> , 76, 1612-1618		12
1126	Fluorescence emission from PAMAM and PPI dendrimers. <b>2007</b> , 306, 222-7		156
1125	Formation of nanogel aggregates by an amphiphilic cholesteryl-poly(amidoamine) dendrimer in aqueous media. <b>2007</b> , 45, 2569-2575		17
1124	Dendrimers as drug delivery vehicles: non-covalent interactions of bioactive compounds with dendrimers. <b>2007</b> , 56, 489-496		123
1123	Collagen cross linking agents: design and development of a multifunctional cross linker. <b>2008</b> , 84, 185-92		5
1122	Magnetic resonance imaging contrast agents: Overview and perspectives. <b>2007</b> , 13, e5-e19		135
1121	Interactions between U-937 human macrophages and poly(propyleneimine) dendrimers. <i>Journal of Controlled Release</i> , <b>2007</b> , 120, 51-9	11.7	47
1120	Doxorubicin delivery by polyamidoamine dendrimer conjugation and photochemical internalization for cancer therapy. <i>Journal of Controlled Release</i> , <b>2007</b> , 122, 39-46	11.7	197
1119	Lysine dendrimers as vectors for delivery of genetic constructs to eukaryotic cells. <b>2007</b> , 43, 593-600		12
1118	Dendrimer-based targeted delivery of an apoptotic sensor in cancer cells. <b>2007</b> , 8, 13-8		104



1117	Toxicogenomics of non-viral drug delivery systems for RNAi: potential impact on siRNA-mediated gene silencing activity and specificity. <b>2007</b> , 59, 164-82	184
1116	Nanosystems for simultaneous imaging and drug delivery to T cells. <b>2007</b> , 9, E171-80	77
1115	Stealth dendrimers for antiarrhythmic quinidine delivery. <b>2007</b> , 18, 2061-5	25
1114	Physicochemical and MRI characterization of Gd <sup>3+</sup> -loaded polyamidoamine and hyperbranched dendrimers. <b>2007</b> , 12, 406-20	76
1113	Influence of molecular architecture of polyether-co-polyester dendrimers on the encapsulation and release of methotrexate. <b>2007</b> , 28, 3140-52	76
1112	The effect of surface functionality on cellular trafficking of dendrimers. <b>2008</b> , 29, 3469-76	317
1111	Dynamics in complex systems: Dendrimer-polymer blends in electric and mechanical fields. <b>2008</b> , 49, 4695-4702	11
1110	Convenient approaches for the synthesis and characterization of well-defined linear-dendritic diblock copolymers having a definite number of peripheral primary amino groups: Exact control of numbers introduced and dendritic distribution to enhance co-operative effect. <b>2008</b> , 68, 1682-1695	
1109	The characters of self-assembly core/shell nanoparticles of amphiphilic hyperbranched polyethers as drug carriers. <b>2008</b> , 10, 437-448	16
1108	Stealth dendrimers for drug delivery: correlation between PEGylation, cytocompatibility, and drug payload. <b>2008</b> , 19, 1991-7	65
1107	Designing poly(amido amine) dendrimers containing core diversities by click chemistry of the propargyl focal point poly(amido amine) dendrons. <b>2008</b> , 46, 1083-1097	46
1106	Water-soluble ROMP polymers from amine-functionalized norbornenes. <b>2008</b> , 46, 6672-6676	30
1105	Glycopeptide dendrimers. Part I. <b>2008</b> , 14, 2-43	61
1104	Glycopeptide dendrimers. Part II. <b>2008</b> , 14, 44-65	52
1103	Dendrimers as drug carriers: applications in different routes of drug administration. <b>2008</b> , 97, 123-43	333
1102	Enhanced cytotoxicity of saporin by polyamidoamine dendrimer conjugation and photochemical internalization. <b>2008</b> , 87, 147-55	35
1101	High-flow nylon 6 by in situ polymerization: Synthesis and characterization. <b>2008</b> , 108, 2365-2372	13
1100	Surface Engineered Carboxymethylchitosan/Poly(amidoamine) Dendrimer Nanoparticles for Intracellular Targeting. <b>2008</b> , 18, 1840-1853	50

1099	Electron capture dissociation, electron detachment dissociation, and collision-induced dissociation of poly(amidoamine) (PAMAM) dendrimer ions with amino, amidoethanol, and sodium carboxylate surface groups. <b>2008</b> , 19, 1312-9		25
1098	Poly(amidoamine), polypropylenimine, and related dendrimers and dendrons possessing different 1- $\beta$ branching motifs: An overview of the divergent procedures. <b>2008</b> , 49, 1-173		326
1097	Dendrimer based non-competitive fluoroimmunoassay for analysis of cortisol. <b>2008</b> , 68, 307-314		12
1096	Potential of poly(amidoamine) dendrimers as drug carriers of camptothecin based on encapsulation studies. <b>2008</b> , 43, 1791-5		66
1095	Effect of poly(amidoamine) (PAMAM) dendrimer on skin permeation of 5-fluorouracil. <b>2008</b> , 361, 230-8		102
1094	PAMAM G4 dendrimers lower high glucose but do not improve reduced survival in diabetic rats. <b>2008</b> , 364, 142-9		28
1093	Kilogram-scale synthesis of a second-generation dendrimer based on 1,3,5-triazine using green and industrially compatible methods with a single chromatographic step. <b>2008</b> , 73, 2357-66		65
1092	A review of stimuli-responsive nanocarriers for drug and gene delivery. <i>Journal of Controlled Release</i> , <b>2008</b> , 126, 187-204	11.7	1837
1091	Multifunctional Water-Soluble Polymers for Drug Delivery. <b>2008</b> , 81-142		8
1090	A case of toxic epidermal necrolysis-like dermatitis evolving from contact dermatitis of the hands associated with exposure to dendrimers. <b>2008</b> , 59, 122-3		32
1089	Non-toxic phototriggered gene transfection by PAMAM-porphyrin conjugates. <i>Journal of Controlled Release</i> , <b>2008</b> , 129, 200-6	11.7	88
1088	Complexes Comprised of Charged Dendrimers, Linear Polyelectrolytes, and Counterions: Insight through Coarse-Grained Molecular Dynamics Simulations. <b>2008</b> , 41, 4961-4968		48
1087	Selective peptide binding using facially amphiphilic dendrimers. <b>2008</b> , 130, 11156-63		45
1086	Amphiphilic core-shell nanocarriers based on hyperbranched poly(ester amide)-star-PCL: synthesis, characterization, and potential as efficient phase transfer agent. <b>2008</b> , 9, 2629-36		47
1085	Functionalized Dendrimers as Nanoscale Drug Carriers. <b>2008</b> , 201-232		4
1084	Toward multivalent signaling across G protein-coupled receptors from poly(amidoamine) dendrimers. <i>Bioconjugate Chemistry</i> , <b>2008</b> , 19, 406-11	6.3	41
1083	Synthesis of water-soluble dendrimers based on melamine bearing 16 paclitaxel groups. <b>2008</b> , 10, 201-4		73
1082	Methotrexate loaded polyether-copolyester dendrimers for the treatment of gliomas: enhanced efficacy and intratumoral transport capability. <b>2008</b> , 5, 105-16		183

1081	Systematic investigation of polyamidoamine dendrimers surface-modified with poly(ethylene glycol) for drug delivery applications: synthesis, characterization, and evaluation of cytotoxicity. <i>Bioconjugate Chemistry</i> , <b>2008</b> , 19, 1660-72	6.3	137
1080	Janus-type dendrimer-like poly(ethylene oxide)s. <b>2008</b> , 130, 11662-76		77
1079	Application of dendrimer-drug complexation in the enhancement of drug solubility and bioavailability. <b>2008</b> , 4, 1035-52		101
1078	Solid-phase synthesis of a lysine-capped bis-dendron with remarkable DNA delivery abilities. <b>2008</b> , 6, 2266-9		13
1077	Enhancement of entrapping ability of dendrimers by a cubic silsesquioxane core. <b>2008</b> , 6, 3899-901		76
1076	Nano-Sized Carriers for Drug Delivery. <b>2008</b> , 329-348		7
1075	Hollow spherical supramolecular dendrimers. <b>2008</b> , 130, 13079-94		102
1074	External electrostatic interaction versus internal encapsulation between cationic dendrimers and negatively charged drugs: which contributes more to solubility enhancement of the drugs?. <b>2008</b> , 112, 8884-90		81
1073	New insights into the interactions between dendrimers and surfactants by two dimensional NOE NMR spectroscopy. <b>2008</b> , 112, 12674-80		43
1072	The role of the size and number of polyethylene glycol chains in the biodistribution and tumor localization of triazine dendrimers. <b>2008</b> , 5, 540-7		73
1071	Charge patching method for electronic structure of organic systems. <b>2008</b> , 128, 121102		34
1070	In vitro self-assembly of tailorable nanotubes from a simple protein building block. <b>2008</b> , 105, 3733-8		240
1069	Synthesis, characterization and stability of a luteinizing hormone-releasing hormone (LHRH)-functionalized poly(amidoamine) dendrimer conjugate. <b>2008</b> , 19, 131-42		26
1068	Drug Delivery Devices and Targeting Agents for Platinum(II) Anticancer Complexes. <b>2008</b> , 61, 675		15
1067	Interactions of PAMAM Dendrimers with Bovine Serum Albumin in the Presence of Copper and Iron Ions. <b>2008</b> ,		
1066	Ocular Drug Delivery. 729-767		5
1065	Recent trends in glycodendrimer syntheses and applications. <b>2008</b> , 8, 1237-85		204
1064	Advances of cancer therapy by nanotechnology. <b>2009</b> , 41, 1-11		140

1063	Surface Hydrophobic Modification of Fifth-Generation Hydroxyl-Terminated Poly(amidoamine) Dendrimers and Its Effect on Biocompatibility and Rheology. <b>2009</b> , 2, 883-902		9
1062	Surface-engineered dendrimers: a solution for toxicity issues. <b>2009</b> , 20, 141-66		55
1061	Dendrimers - Reflections on host-guest interaction mechanism towards solubility enhancement. <b>2009</b> , 3, 188		9
1060	Dendrimers: a class of polymers in the nanotechnology for the delivery of active pharmaceuticals. <b>2009</b> , 15, 2958-69		74
1059	Recent advances in pharmacokinetics of polymeric excipients used in nanosized anti-cancer drugs. <b>2009</b> , 10, 842-50		15
1058	Deformation and hyperfine structures of dendrimers investigated by scanning tunneling microscopy. <b>2009</b> , 113, 4168-74		17
1057	Recent Findings Concerning PAMAM Dendrimer Conjugates with Cyclodextrins as Carriers of DNA and RNA. <b>2009</b> , 9, 6346-61		39
1056	Dendrimer a versatile polymer in drug delivery. <b>2009</b> , 3, 178		10
1055	Brownian dynamics simulations of hydrophobic dendrimer adsorption. <b>2009</b> , 35, 38-49		6
1054	Comparison between arginine conjugated PAMAM dendrimers with structural diversity for gene delivery systems. <i>Journal of Controlled Release</i> , <b>2009</b> , 136, 132-9	11.7	73
1053	Transepithelial transport of PEGylated anionic poly(amidoamine) dendrimers: implications for oral drug delivery. <i>Journal of Controlled Release</i> , <b>2009</b> , 138, 78-85	11.7	81
1052	Bindungsmechanismen in supramolekularen Komplexen. <b>2009</b> , 121, 3982-4036		177
1051	Elucidating the structure of the Pm3n cubic phase of supramolecular dendrimers through the modification of their aliphatic to aromatic volume ratio. <b>2009</b> , 15, 8994-9004		43
1050	Multi-Tier Dendrimers with an Aromatic Core. <b>2009</b> , 2009, 1570-1577		13
1049	Poly(amidoamine) dendrimers as skin penetration enhancers: Influence of charge, generation, and concentration. <b>2009</b> , 98, 2345-56		110
1048	On the mechanism and dynamics of uptake and permeation of polyether-copolyester dendrimers across an in vitro blood-brain barrier model. <b>2009</b> , 98, 3748-60		31
1047	Hyperbranched polyamidoamines containing beta-cyclodextrin for controlled release of chlorambucil. <b>2009</b> , 9, 1090-7		23
1046	Binding mechanisms in supramolecular complexes. <b>2009</b> , 48, 3924-77		910

1045	pH-dependent swelling of hydrogels containing highly branched polyamine macromonomers. <b>2009</b> , 50, 905-912	15
1044	Poly(amidoamine) dendrimer-drug conjugates with disulfide linkages for intracellular drug delivery. <b>2009</b> , 30, 2112-21	182
1043	Tumor cell imaging using the intrinsic emission from PAMAM dendrimer: a case study with HeLa cells. <b>2009</b> , 61, 17-24	12
1042	Application of the functionalized congener approach to dendrimer-based signaling agents acting through A(2A) adenosine receptors. <b>2009</b> , 5, 39-50	13
1041	Enhanced transfection of polyplexes based on pluronic-polypropylenimine dendrimer for gene transfer. <b>2009</b> , 32, 1045-54	28
1040	Electron capture dissociation and collision-induced dissociation of metal ion (Ag(+), Cu(2+), Zn(2+), Fe(2+), and Fe(3+)) complexes of polyamidoamine (PAMAM) dendrimers. <b>2009</b> , 20, 674-81	37
1039	Bioinspired application of dendrimers: From bio-mimicry to biomedical applications. <b>2009</b> , 34, 1-23	173
1038	Strategies exploiting functions and self-assembly properties of bioconjugates for polymer and materials sciences. <b>2009</b> , 34, 811-851	180
1037	Multiscale molecular modeling in nanostructured material design and process system engineering. <b>2009</b> , 33, 1701-1710	49
1036	Biodegradable PAMAM ester for enhanced transfection efficiency with low cytotoxicity. <b>2009</b> , 30, 665-73	134
1035	Targeting cancer cells with biotin-dendrimer conjugates. <b>2009</b> , 44, 862-8	243
1034	Generation-dependent encapsulation/electrostatic attachment of phenobarbital molecules by poly(amidoamine) dendrimers: Evidence from 2D-NOESY investigations. <b>2009</b> , 44, 2219-23	40
1033	PEGylated PPI dendritic architectures for sustained delivery of H2 receptor antagonist. <b>2009</b> , 44, 1155-66	76
1032	Development of pH-responsive core-shell nanocarriers for delivery of therapeutic and diagnostic agents. <b>2009</b> , 19, 1030-4	79
1031	Liquid-like ordering of negatively charged poly(amidoamine) (PAMAM) dendrimers in solution. <b>2009</b> , 25, 3271-5	26
1030	Anti-angiogenesis effect of generation 4 polyamidoamine/vascular endothelial growth factor antisense oligodeoxynucleotide on breast cancer in vitro. <b>2009</b> , 10, 159-67	9
1029	Electron spin resonance spectroscopy in drug delivery. <b>2009</b> , 11, 211-54	28
1028	Biohybrid polymer capsules. <b>2009</b> , 109, 6212-74	363

1027	PAMAM dendrimers Diverse biomedical applications. Facts and unresolved questions. <b>2009</b> , 4, 434-451	25
1026	Enhanced potency of nucleotide-dendrimer conjugates as agonists of the P2Y14 receptor: multivalent effect in G protein-coupled receptor recognition. <i>Bioconjugate Chemistry</i> , <b>2009</b> , 20, 1650-9	6.3 21
1025	Unexpected in vivo anti-inflammatory activity observed for simple, surface functionalized poly(amidoamine) dendrimers. <b>2009</b> , 10, 1195-202	146
1024	Dendrimer Template Directed Self-Assembly during Zeolite Formation. <b>2009</b> , 42, 1239-1243	18
1023	Host-guest chemistry and physicochemical properties of the dendrimer-mycophenolic acid complex. <b>2009</b> , 113, 64-74	86
1022	Host-guest chemistry of dendrimer-drug complexes. 3. Competitive binding of multiple drugs by a single dendrimer for combination therapy. <b>2009</b> , 113, 14172-9	52
1021	Stoichiometry and Structure of Poly(amidoamine) Dendrimer-Lipid Complexes. <b>2009</b> , 3, 1886-96	85
1020	Host-guest chemistry of dendrimer-drug complexes. 2. Effects of molecular properties of guests and surface functionalities of dendrimers. <b>2009</b> , 113, 10650-9	62
1019	Dendritic Polyglycerol Core-Double-Shell Architectures: Synthesis and Transport Properties. <b>2009</b> , 42, 5545-5550	45
1018	Dendronized organic/organic nonlinear optical hybrid materials with homogeneous morphology. <b>2009</b> , 159, 1852-1858	5
1017	Synthesis and Micellization of Linear Dendritic Copolymers and Their Solubilization Ability for Poorly Water-Soluble Drugs. <b>2009</b> , 42, 7936-7944	27
1016	Antibacterial activity and cytotoxicity of PEGylated poly(amidoamine) dendrimers. <b>2009</b> , 5, 1148-56	108
1015	Dendrimers in oncology: an expanding horizon. <b>2009</b> , 109, 49-87	415
1014	Dendrimers as carriers for delivery of chemotherapeutic agents. <b>2009</b> , 109, 3141-57	573
1013	PAMAM Dendrimers as Nanoscale Oral Drug Delivery Systems. <b>2009</b> , 423-459	5
1012	Nanotechnology for Cancer Chemotherapy. <b>2009</b> , 491-518	3
1011	Synthesis of Second- and Third-Generation Asp Oligopeptide Conjugated Dendrimers for Bone-Targeting Drug Delivery. <b>2009</b> , 39, 4039-4052	14
1010	Design, synthesis, characterization, and biological evaluation of triazine dendrimers bearing paclitaxel using ester and ester/disulfide linkages. <i>Bioconjugate Chemistry</i> , <b>2009</b> , 20, 2154-61	6.3 73

1009	Self-Assembling Dendronized Dendrimers. <b>2009</b> , 49, 55-70	20
1008	Hyperbranched polymers by thiol-yne chemistry: from small molecules to functional polymers. <b>2009</b> , 131, 18075-7	259
1007	Architectures of multivalent glycomimetics for probing carbohydrate-lectin interactions. <b>2009</b> , 288, 183-65	19
1006	Effects of branching architecture and linker on the activity of hyperbranched polymer-drug conjugates. <i>Bioconjugate Chemistry</i> , <b>2009</b> , 20, 842-6	6.3 42
1005	Efficient synthesis of dendrimers via a thiol-yne and esterification process and their potential application in the delivery of platinum anti-cancer drugs. <b>2009</b> , 6291-3	109
1004	The decrease of PAMAM dendrimer-induced cytotoxicity by PEGylation via attenuation of oxidative stress. <b>2009</b> , 20, 105103	87
1003	Near-infrared spectroscopic study on guest-host interactions among G0-G7 amine-terminated poly(amidoamine) dendrimers and porous silica materials for simultaneously determining the molecular weight and particle diameter by multivariate calibration techniques. <b>2009</b> , 81, 5655-62	8
1002	Molecular Dynamics of PEGDendrimer Blends and PEGylated Dendrimers. <b>2009</b> , 42, 6799-6807	15
1001	Diffusion-based studies on the self-stacking and nanorod formation of platinum(II) intercalators. <b>2009</b> , 1210-2	21
1000	Enhanced specificity and efficiency of polymerase chain reactions using poly(amidoamine) dendrimers and derivatives. <b>2009</b> , 134, 87-92	27
999	Oriental mobility and relaxation spectra of dendrimers: Theory and computer simulation. <b>2009</b> , 130, 044907	34
998	Columnar mesophases of the complexes of DNA with low-generation poly(amido amine) dendrimers. <b>2009</b> , 10, 773-83	28
997	Polyamidoamine dendrimers with a modified Pentaerythritol core having high efficiency and low cytotoxicity as gene carriers. <b>2009</b> , 10, 617-22	52
996	Self-assembly of dendritic crowns into chiral supramolecular spheres. <b>2009</b> , 131, 1294-304	139
995	Reorientational Dynamics of Polyethylene Glycol/PAMAM Dendrimer Blends. <b>2009</b> , 286, 218-230	4
994	The Effect of Generation 2 and 3 Poly(amidoamine) Dendrimers on Viability of Human Breast Cancer Cells. <b>2009</b> , 55, 169-177	25
993	Molecular Recognition Using Dendrimer to Deliver Ti-sources into Reverse Micelle Water Pool. <b>2009</b> , 38, 88-89	
992	Nanotechnology for delivery of drugs and biomedical applications. <b>2010</b> , 5, 257-80	41

991	A fluorinated dendrimer-based nanotechnology platform: new contrast agents for high field imaging. <b>2010</b> , 45, 641-54	17
990	Effect of poly(amidoamine) dendrimers on corneal penetration of puerarin. <b>2010</b> , 33, 1371-7	23
989	Multifunctional Stimuli Responsive Nanoparticles for Targeted Delivery of Small and Macromolecular Therapeutics. <b>2010</b> , 555-585	4
988	Synthesis and evaluation of gadolinium complexes based on PAMAM as MRI contrast agents. <b>2005</b> , 57, 351-7	16
987	Mechanism of cell death induced by cationic dendrimers in RAW 264.7 murine macrophage-like cells. <b>2005</b> , 57, 489-95	55
986	Defect-mediated trafficking across cell membranes: insights from in silico modeling. <b>2010</b> , 110, 6077-103	153
985	Time evolution of the aggregation process of peptides involved in neurodegenerative diseases and preventing aggregation effect of phosphorus dendrimers studied by EPR. <b>2010</b> , 11, 3014-21	31
984	Non-polymeric nano-carriers in HIV/AIDS drug delivery and targeting. <b>2010</b> , 62, 478-90	117
983	Peptide-conjugated PAMAM for targeted doxorubicin delivery to transferrin receptor overexpressed tumors. <b>2010</b> , 7, 2156-65	134
982	Bioanalytical method development for a generation 5 polyamidoamine folic acid methotrexate conjugated nanoparticle. <b>2010</b> , 397, 1841-52	21
981	Novel antennae for the sensitization of near infrared luminescent lanthanide cations. <b>2010</b> , 13, 668-680	79
980	Dendrimers as carriers for contrast agents in magnetic resonance imaging. <b>2010</b> , 55, 3085-3093	13
979	Nanoparticles composed of PLGA and hyperbranched poly (amine-ester) as a drug carrier. <b>2010</b> , 17, 335-345	10
978	Nanoparticle-mediated brain-specific drug delivery, imaging, and diagnosis. <b>2010</b> , 27, 1759-71	160
977	Endocytosis of nanomedicines. <i>Journal of Controlled Release</i> , <b>2010</b> , 145, 182-95	11.7 1520
976	Intravesical drug delivery: Challenges, current status, opportunities and novel strategies. <i>Journal of Controlled Release</i> , <b>2010</b> , 148, 147-59	11.7 172
975	Mechanistic studies of in vitro cytotoxicity of poly(amidoamine) dendrimers in mammalian cells. <b>2010</b> , 248, 259-68	125
974	Synthesis, Radiolabelling and in vitro Stability Study of <sup>99m</sup> Tc(CO) <sub>3</sub> Labeled Dendrimer PAMAM-Folic Acid Conjugate. <b>2010</b> , 28, 2447-2450	3



973	Bio-microfluidics: biomaterials and biomimetic designs. <b>2010</b> , 22, 249-60	154
972	Self-association of bis-dendritic organogelators: the effect of dendritic architecture on multivalent cooperative interactions. <b>2010</b> , 16, 2427-41	21
971	Fabrication, characterization and in vitro evaluation of poly(D,L-lactide-co-glycolide) microparticles loaded with polyamidoamine-plasmid DNA dendriplexes for applications in nonviral gene delivery. <b>2010</b> , 99, 368-84	37
970	New drug delivery nanosystem combining liposomal and dendrimeric technology (liposomal locked-in dendrimers) for cancer therapy. <b>2010</b> , 99, 3561-71	43
969	Supramolecular aggregates of water soluble dendritic polyglycerol architectures for the solubilization of hydrophobic compounds. <b>2010</b> , 31, 1516-20	32
968	Influence of Modified Terminal Segments on Dynamic Modulus and Viscosity of Dendrimer. <b>2010</b> , 19, 158-169	8
967	Dendrimers and derivatives as a potential therapeutic tool in regenerative medicine strategies: A review. <b>2010</b> , 35, 1163-1194	156
966	Photoluminescence study of tetra-dendron dendrimers derived from ethylenediamine cores and di-dendron dendrimers derived from mono-Boc-protected ethylenediamine cores. <b>2010</b> , 130, 576-581	4
965	Photo-crosslinking copolymers based polyanhydride and 1G polyamidoamine-methacrylamide as bone tissue engineering: Synthesis, characterization, and in vitro degradation. <b>2010</b> , 95, 1961-1968	7
964	Gadolinium(III) chelated conjugated polymer as a potential MRI contrast agent. <b>2010</b> , 51, 1336-1340	27
963	Drug release characteristics of PAMAM dendrimer-drug conjugates with different linkers. <b>2010</b> , 384, 189-94	134
962	In vivo efficacy of dendrimer-methylprednisolone conjugate formulation for the treatment of lung inflammation. <b>2010</b> , 399, 140-7	54
961	Ln <sup>3+</sup> -enhanced blue fluorescence from novel excimer of 1,8-naphthalimide-conjugated PAMAM. <b>2010</b> , 32, 1417-1422	9
960	Site-specific conjugation of metal carbonyl dendrimer to antibody and its use as detection reagent in immunoassay. <b>2010</b> , 407, 211-9	31
959	Synthesis of camptothecin-loaded gold nanomaterials. <b>2010</b> , 256, 3917-3920	6
958	Design of riboflavin-presenting PAMAM dendrimers as a new nanoplatform for cancer-targeted delivery. <b>2010</b> , 20, 5191-4	66
957	Designing dendrimers for ocular drug delivery. <b>2010</b> , 45, 326-34	135
956	Synthesis of novel dendrimers having aspartate grafts and their ability to enhance the aqueous solubility of model drugs. <b>2010</b> , 45, 2705-11	25

955	Understanding specific and nonspecific toxicities: a requirement for the development of dendrimer-based pharmaceuticals. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2010</b> , 2, 249-59	9.2	64
954	8-Hydroxyquinoline dansylates modified with PAMAM dendrimer as fluorescent Fe <sup>+</sup> sensors. <i>Molecules</i> , <b>2010</b> , 15, 2962-71	4.8	12
953	Physicochemical and biological properties of self-assembled antisense/poly(amidoamine) dendrimer nanoparticles: the effect of dendrimer generation and charge ratio. <b>2010</b> , 5, 359-69		14
952	Aplicações farmacológicas de polímeros. <b>2010</b> , 20, 51-64		41
951	Synthesis of non-cytotoxic poly(ester-amine) dendrimers as potential solubility enhancers for drugs: methotrexate as a case study. <i>Molecules</i> , <b>2010</b> , 15, 8082-97	4.8	9
950	Low potential stable glucose detection at dendrimers modified polyaniline nanotubes. <b>2010</b> , 13, 5-10		9
949	Boron Drug Delivery via Encapsulated Magnetic Nanocomposites: A New Approach for BNCT in Cancer Treatment. <b>2010</b> , 2010, 1-8		26
948	Pre-clinical and behavioural toxicity profile of PAMAM dendrimers in mice. <b>2010</b> , 466, 1535-1550		36
947	Hyperbranched polyamines for transfection. <b>2010</b> , 296, 95-129		28
946	New developments in the medicinal chemistry of carboranes. <b>2010</b> , 75, 995-1022		40
945	Dendritic Guanidines as Efficient Analogues of Cell Penetrating Peptides. <b>2010</b> , 3, 636-666		34
944	Ocular Drug Delivery. <b>2010</b> , 1		
943	Targeted nanoparticulate drug-delivery systems for treatment of solid tumors: a review. <b>2010</b> , 1, 713-34		21
942	Preparation of self-assembled microspheres and their potential for drug delivery. <i>Pharmaceutical Development and Technology</i> , <b>2010</b> , 15, 105-11	3.4	5
941	Applications of nanobiotechnology in ophthalmology--Part I. <b>2010</b> , 44, 1-16		7
940	Strain-promoted alkyne azide cycloaddition for the functionalization of poly(amide)-based dendrons and dendrimers. <b>2010</b> , 132, 3923-31		120
939	Nanoparticulate strategies for effective delivery of poorly soluble therapeutics. <b>2010</b> , 1, 149-67		15
938	Capillary Electrophoresis of Dendrimer-Related Medical Nanodevices. <b>2010</b> , 1		

937	Dendrimers designed for functions: from physical, photophysical, and supramolecular properties to applications in sensing, catalysis, molecular electronics, photonics, and nanomedicine. <b>2010</b> , 110, 1857-959		1534
936	Smart siRNA delivery systems based on polymeric nanoassemblies and nanoparticles. <b>2010</b> , 5, 1089-102		64
935	Mechanistic insight into cell growth, internalization, and cytotoxicity of PAMAM dendrimers. <b>2010</b> , 11, 382-9		44
934	Cholic acid-modified dendritic multimolecular micelles and enhancement of anticancer drug therapeutic efficacy. <i>Bioconjugate Chemistry</i> , <b>2010</b> , 21, 1596-601	6.3	23
933	Synthesis, biodistribution, and microsingle photon emission computed tomography (SPECT) imaging study of technetium-99m labeled PEGylated dendrimer poly(amidoamine) (PAMAM)-folic acid conjugates. <b>2010</b> , 53, 3262-72		113
932	Host-guest chemistry of dendrimer-drug complexes. 5. Insights into the design of formulations for noninvasive delivery of heparin revealed by isothermal titration calorimetry and NMR studies. <b>2010</b> , 114, 11017-26		31
931	Self-assembly of Janus dendrimers into uniform dendrimersomes and other complex architectures. <b>2010</b> , 328, 1009-14		589
930	Targeted dendrimeric anticancer prodrug: a methotrexate-folic acid-poly(amidoamine) conjugate and a novel, rapid, "one pot" synthetic approach. <i>Bioconjugate Chemistry</i> , <b>2010</b> , 21, 489-95	6.3	56
929	Electrostatic Swelling and Conformational Variation Observed in High-Generation Polyelectrolyte Dendrimers. <b>2010</b> , 1, 2020-2024		58
928	Host-guest chemistry of dendrimer-drug complexes. 4. An in-depth look into the binding/encapsulation of guanosine monophosphate by dendrimers. <b>2010</b> , 114, 7148-57		40
927	Synthesis, characterization, and in vitro evaluation of long-chain hyperbranched poly(ethylene glycol) as drug carrier. <i>Bioconjugate Chemistry</i> , <b>2010</b> , 21, 2093-102	6.3	31
926	Hyperbranched polyphosphates for drug delivery application: design, synthesis, and in vitro evaluation. <b>2010</b> , 11, 1564-70		95
925	Dendrimers as Drug Carriers: Dynamics of PEGylated and Methotrexate-Loaded Dendrimers in Aqueous Solution. <b>2010</b> , 43, 3011-3017		9
924	Fluorescent mannose-functionalized hyperbranched poly(amidoamine)s: synthesis and interaction with <i>E. coli</i> . <b>2010</b> , 11, 1840-6		91
923	Functional dendritic polymer architectures as stimuli-responsive nanocarriers. <b>2010</b> , 92, 1242-51		114
922	Nanoscale organic/inorganic hybrids based on self-organized dendritic macromolecules on montmorillonites. <b>2010</b> , 48, 103-110		20
921	Dendrimers in Drug-Delivery Applications. <b>2010</b> , 13, 301-324		30
920	Design and creativity in synthesis of multivalent neoglycoconjugates. <b>2010</b> , 63, 165-393		268

919	Biological assessment of triazine dendrimer: toxicological profiles, solution behavior, biodistribution, drug release and efficacy in a PEGylated, paclitaxel construct. <b>2010</b> , 7, 993-1006	45
918	Challenges for Natural Monomers and Polymers: Novel Design Strategies and Engineering to Develop Advanced Polymers. <b>2010</b> , 13, 87-121	63
917	Design, synthesis, and biological evaluation of a robust, biodegradable dendrimer. <i>Bioconjugate Chemistry</i> , <b>2010</b> , 21, 764-73	6.3 90
916	Synthesis and Characterization of Cu(II), Zn(II) Dendritic Metal Complexes. <b>2010</b> , 160-162, 529-535	2
915	Effect of counterion valence on the pH responsiveness of polyamidoamine dendrimer structure. <b>2010</b> , 132, 124901	22
914	Fluorescence-based comparative binding studies of the supramolecular host properties of PAMAM dendrimers using anilinonaphthalene sulfonates: unusual host-dependent fluorescence titration behavior. <b>2010</b> , 10, 4053-70	11
913	Influence of dendrimer surface charge on the bioactivity of 2-methoxyestradiol complexed with dendrimers. <b>2010</b> , 6, 2539-2545	81
912	Synthesis and evaluation of phenylalanine-modified hyperbranched poly(amido amine)s as promising gene carriers. <b>2010</b> , 11, 245-51	64
911	Drug delivery to the CNS and polymeric nanoparticulate carriers. <b>2010</b> , 2, 1681-701	13
910	Effects of valences of salt ions at various concentrations on charged dendrimers. <b>2010</b> , 6, 1308	35
909	Peptide ligands that use a novel binding site to target both TGF- $\beta$ receptors. <b>2010</b> , 6, 2392-402	20
908	The role of the dendritic support in the catalytic performance of peripheral pincer Pd-complexes. <b>2011</b> , 35, 2356	16
907	Bile-salt-induced aggregation of poly(N-isopropylacrylamide) and lowering of the lower critical solution temperature in aqueous solutions. <b>2011</b> , 115, 433-9	25
906	Poly(urethane/malonamide) dendritic structures featuring blocked/deblocked isocyanate units. <b>2011</b> , 2, 1139-1145	5
905	PAMAM6 dendrimers and DNA: pH dependent Beads-on-a-string behavior revealed by small angle X-ray scattering. <b>2011</b> , 7, 8343	20
904	PEGylated guanidylated polyallylamine as gene-delivery carrier. <b>2011</b> , 22, 1829-43	1
903	A dendrimer-based platform for simultaneous dual fluorescence imaging of hydrogen peroxide and pH gradients produced in living cells. <b>2011</b> , 2, 1156	71
902	The Janus Character of Heterogeneous Dendritic Nanoparticles. <b>2011</b> , 44, 1046-1052	9

901	Oriented crystallization of hydroxyapatite by the biomimetic amelogenin nanospheres from self-assemblies of amphiphilic dendrons. <b>2011</b> , 47, 10100-2		44
900	Targeted delivery of doxorubicin into cancer cells using a folic acid-dendrimer conjugate. <b>2011</b> , 2, 1754		126
899	A smart multifunctional nanocomposite for intracellular targeted drug delivery and self-release. <b>2011</b> , 22, 415101		14
898	Probing the molecular weight of poly(amidoamine) dendrimers and derivatives using SDS-PAGE. <b>2011</b> , 3, 2348		5
897	pH Responsiveness of polyelectrolyte dendrimers: a dynamical perspective. <b>2011</b> , 7, 618-622		25
896	The controlled display of biomolecules on nanoparticles: a challenge suited to bioorthogonal chemistry. <i>Bioconjugate Chemistry</i> , <b>2011</b> , 22, 825-58	6.3	410
895	Highly Branched Functional Polymer Architectures by Click-Chemistry Strategies. <b>2011</b> , 229-265		2
894	Stability of amphiphilic dendrimers at the water/air interface. <b>2011</b> , 115, 12019-27		14
893	Predicting the size and properties of dendrimersomes from the lamellar structure of their amphiphilic Janus dendrimers. <b>2011</b> , 133, 20507-20		146
892	Fabrication of dendrimers toward biological application. <b>2011</b> , 104, 101-40		15
891	Kinetic analysis of the interaction between poly(amidoamine) dendrimers and model lipid membranes. <b>2011</b> , 1808, 209-18		51
890	Dendrosome-dendriplex inside liposomes: as a gene delivery system. <b>2011</b> , 19, 925-32		34
889	Efficient orthogonal bioconjugation of dendrimers for synthesis of bioactive nanoparticles. <i>Bioconjugate Chemistry</i> , <b>2011</b> , 22, 1103-14	6.3	28
888	Dendrimers in biosensors: Concept and applications. <b>2011</b> , 21, 14367		123
887	Epidermal growth factor-PEG functionalized PAMAM-pentaethylenehexamine dendron for targeted gene delivery produced by click chemistry. <b>2011</b> , 12, 2039-47		68
886	Alkyl sulfonyl derivatized PAMAM-G2 dendrimers as nonviral gene delivery vectors with improved transfection efficiencies. <b>2011</b> , 9, 851-64		47
885	Potential Use of Folate-polyethylene glycol (PEG)-Appended Dendrimer (G3) Conjugate with alpha-Cyclodextrin as DNA Carriers to Tumor Cells. <b>2011</b> ,		
884	New chimeric anti-tubercular dendrimers with self-delivering property. <b>2011</b> , 5, 2575-2582		3

883	Multifunctional dendrimer/combretastatin A4 inclusion complexes enable in vitro targeted cancer therapy. <b>2011</b> , 6, 2337-49	39
882	Poly(amidoamine) dendrimers increase antifungal activity of clotrimazole. <b>2011</b> , 34, 1129-33	39
881	Drug pH-sensitive release in vitro and targeting ability of polyamidoamine dendrimer complexes for tumor cells. <b>2011</b> , 59, 63-71	35
880	Nanofibrous hollow microspheres self-assembled from star-shaped polymers as injectable cell carriers for knee repair. <b>2011</b> , 10, 398-406	309
879	Effect of a nanostructured dendrimer-naloxonazine complex on endogenous opioid peptides $\mu$ receptor-mediated post-ictal antinociception. <b>2011</b> , 7, 871-80	15
878	siRNA nanocarriers based on methacrylic acid copolymers. <i>Journal of Controlled Release</i> , <b>2011</b> , 152, 159-67.7	56
877	Preparation of gold nanoparticles in the presence of citric acid-based dendrimers containing periphery hydroxyl groups. <b>2011</b> , 129, 189-194	24
876	Polyamidoamine (PAMAM) dendrimer conjugate specifically activates the A3 adenosine receptor to improve post-ischemic/reperfusion function in isolated mouse hearts. <b>2011</b> , 11, 11	19
875	A 5-fluorouracil-loaded pH-responsive dendrimer nanocarrier for tumor targeting. <b>2011</b> , 420, 378-84	60
874	Inhibitory effect of siRNA complexes with polyamidoamine dendrimer/ $\beta$ -cyclodextrin conjugate (generation 3, G3) on endogenous gene expression. <b>2011</b> , 44, 375-84	44
873	Dendrimers-delivered short hairpin RNA targeting hTERT inhibits oral cancer cell growth in vitro and in vivo. <b>2011</b> , 82, 17-23	37
872	Computational design principles for bioactive dendrimer based constructs as antagonists of the TLR4-MD-2-LPS complex. <b>2011</b> , 32, 8702-11	21
871	The impact of dendrimer-grafted modifications to model silicon surfaces on protein adsorption and bacterial adhesion. <b>2011</b> , 32, 9168-79	35
870	Pyridinium Amphiphiles in Gene Delivery [Present and Perspectives. <b>2011</b> , 23-38	6
869	Delivery of Nucleic Acid Drugs. <b>2011</b> , 95-134	25
868	Transbuccal Delivery of CNS Therapeutic Nanoparticles: Synthesis, Characterization, and In Vitro Permeation Studies. <b>2011</b> , 2, 676-683	35
867	Design of biocompatible dendrimers for cancer diagnosis and therapy: current status and future perspectives. <b>2011</b> , 40, 2673-703	423
866	Polynuclear copper(II) complexes with polydentate nanoligands on the basis of aminoderivatives of the hyperbranched polyesters. <b>2011</b> , 81, 1535-1538	10

865	Fluorinated contrast agents for magnetic resonance imaging; a review of recent developments. <b>2011</b> , 1, 1415		75
864	Hybrid magnetic nanostructures (MNS) for magnetic resonance imaging applications. <b>2011</b> , 63, 1282-99		60
863	Structure-skin permeability relationship of dendrimers. <b>2011</b> , 28, 2246-60		65
862	Supramolecular complexes of quantum dots and a polyamidoamine (PAMAM)-folate derivative for molecular imaging of cancer cells. <b>2011</b> , 400, 483-92		29
861	Interaction between PAMAM-NH <sub>2</sub> G4 dendrimer and 5-fluorouracil in aqueous solution. <b>2011</b> , 408, 266-70		51
860	Polyamidoamine dendrimers surface-engineered with biomimetic phosphorylcholine as potential drug delivery carriers. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2011</b> , 84, 49-54	6	47
859	Nanotechnology: emerging tool for diagnostics and therapeutics. <b>2011</b> , 165, 1178-87		69
858	Invading target cells: multifunctional polymer conjugates as therapeutic nucleic acid carriers. <b>2011</b> , 5, 275-286		11
857	Preparation of well-dispersed and anti-oxidized Ni nanoparticles using polyamidoamine dendrimers as templates and their catalytic activity in the hydrogenation of p-nitrophenol to p-aminophenol. <b>2011</b> , 28, 717-722		5
856	Modeling highly branched structures: Description of the solution structures of dendrimers, polyglycerol, and glycogen. <b>2011</b> , 49, 1525-1538		7
855	Recent research progress on the preparation and application of magnetic nanospheres. <b>2011</b> , 60, 976-994		48
854	Engineering Nanocarriers for siRNA Delivery. <i>Small</i> , <b>2011</b> , 7, 841-56	11	92
853	Synthesis, characterisation and in vitro anti-angiogenic potential of dendron VEGF blockers. <b>2011</b> , 11, 1761-5		15
852	Polyamidoamine dendrimers can improve the pulmonary absorption of insulin and calcitonin in rats. <b>2011</b> , 100, 1866-78		48
851	Secure and effective gene vector of polyamidoamine dendrimer pharmaceutically modified with anionic polymer. <b>2011</b> , 100, 4855-63		6
850	End-to-End Distances in Four-Junction Polymers. <b>2011</b> , 20, 806-813		3
849	Polymers in Drug Delivery State of the Art and Future Trends. <b>2011</b> , 13, B61-B87		86
848	Amino Acid-Based Dendrimers. <b>2011</b> , 491-517		1

847	Biodegradable Dendrimers and Dendritic Polymers. <b>2011</b> , 237-262	
846	Chemotherapeutic evaluation of a synthetic tubulysin analogue-dendrimer conjugate in c26 tumor bearing mice. <b>2011</b> , 6, 49-53	28
845	Ein Meisterstück in der Synthese: wohldefinierte, multivalente und multimodale dendritische Architekturen für biomedizinische Anwendungen. <b>2011</b> , 123, 106-117	27
844	A synthetic "tour de force": well-defined multivalent and multimodal dendritic structures for biomedical applications. <b>2011</b> , 50, 102-12	122
843	Potential of ribonuclease cytotoxicity by a poly(amidoamine) dendrimer. <b>2011</b> , 21, 2756-8	6
842	Design and synthesis of a novel cationic thiolated polymer. <b>2011</b> , 411, 10-7	46
841	Synthesis of siloxane-based PAMAM dendrimers and luminescent properties of their lanthanide complexes. <b>2011</b> , 696, 544-550	26
840	Poly(amidoamine) dendrimer-erythromycin conjugates for drug delivery to macrophages involved in periprosthetic inflammation. <b>2011</b> , 7, 284-94	70
839	PAMAM dendrimer with a 1,2-diaminoethane surface facilitates endosomal escape for enhanced pDNA delivery. <b>2011</b> , 52, 339-346	39
838	Constructing polyamidoamine dendrons from poly(poly(ethylene glycol) monomethacrylate) brushes grafted from planar silicon hydride surfaces for biomedical applications. <b>2011</b> , 605, 1106-1113	8
837	Beads-on-String Structure of the Electrostatic Complex of DNA with a High-Generation PAMAM Dendrimer. <b>2011</b> , 272, 012002	3
836	Nanostructures for drug delivery to the brain. <b>2011</b> , 18, 5303-21	33
835	Solubility of aceclofenac in polyamidoamine dendrimer solutions. <b>2011</b> , 1, 135-8	20
834	A novel preparation method for camptothecin (CPT) loaded folic acid conjugated dextran tumor-targeted nanoparticles. <i>International Journal of Molecular Sciences</i> , <b>2011</b> , 12, 4237-49	6.3 28
833	Kinetics of amyloid and prion fibril formation in the absence and presence of dense shell sugar-decorated dendrimers. <b>2012</b> , 19, 5907-21	10
832	Preparation and characterization of conjugated polyamidoamine-MPEG-methotrexate for potential drug delivery system. <b>2012</b> ,	1
831	Density matrix renormalization group algorithm for Bethe lattices of spin-1/2 or spin-1 sites with Heisenberg antiferromagnetic exchange. <b>2012</b> , 85,	12
830	Impedance interrogated affinity biosensors for medical applications: novel targets and mechanistic studies. <b>2012</b> , 103-134	4



829	Carbosilane dendrimers as carriers of siRNA. <b>2012</b> , 22, 75-82	14
828	Characterizations of Polyamidoamine Dendrimers with Scattering Techniques. <b>2012</b> , 4, 600-616	26
827	Dendritic nanoparticles: the next generation of nanocarriers?. <b>2012</b> , 3, 941-59	37
826	From gene to epigene-based therapies targeting the vascular endothelium. <b>2012</b> , 10, 125-37	2
825	Dendrimers in cancer therapeutics and diagnosis. <b>2012</b> , 13, 1097-109	33
824	Synthesis and <sup>188</sup> Re radiolabelling of dendrimer polyamide amine (PAMAM) folic acid conjugate. <b>2012</b> , 8, 727-31	14
823	Nanocarrier Systems for Transdermal Drug Delivery. <b>2012</b> ,	4
822	Dendrimers. <b>2012</b> , 413-468	4
821	Physicochemical Properties of Dendrimers and Dendrimer Complexes. <b>2012</b> , 55-92	5
820	Mesoporous Silica Nanoparticles in Nanomedicine. <b>2012</b> , 135-182	
819	Dendritic effects: dependency of dendritic nano-periodic property patterns on critical nanoscale design parameters (CNDPs). <b>2012</b> , 36, 264-281	133
818	Cationic PAMAM dendrimers disrupt key platelet functions. <b>2012</b> , 9, 1599-611	105
817	Interactions between oppositely charged dendrimers. <b>2012</b> , 8, 9800	13
816	A novel EGFR-targeted gene delivery system based on complexes self-assembled by EGF, DNA, and activated PAMAM dendrimers. <b>2012</b> , 7, 4625-35	14
815	Potential Use of Polyamidoamine Dendrimer Conjugates with Cyclodextrins as Novel Carriers for siRNA. <b>2011</b> , 5, 61-78	16
814	Advanced functional materials based on polyhedral oligomeric silsesquioxane (POSS). <b>2012</b> , 22, 1733-1746	387
813	Unraveling dendrimer translocation across cell membrane mimics. <b>2012</b> , 28, 13025-33	41
812	Evaluation of poly(amidoamine) dendrimers as potential carriers of iminodiacetic derivatives using solubility studies and 2D-NOESY NMR spectroscopy. <b>2012</b> , 38, 637-56	31

811	Intravesical therapy for lower urinary tract symptoms. <b>2012</b> , 23, 70-77	12
810	Chemically and uniformly grafting carbon nanotubes onto carbon fibers by poly(amidoamine) for enhancing interfacial strength in carbon fiber composites. <b>2012</b> , 22, 5928	146
809	Facile assembly of Fe <sub>3</sub> O <sub>4</sub> @Au nanocomposite particles for dual mode magnetic resonance and computed tomography imaging applications. <b>2012</b> , 22, 15110	120
808	Synthesis and transport properties of new dendritic core-shell architectures based on hyperbranched polyglycerol with biphenyl-PEG shells. <b>2012</b> , 36, 371-379	17
807	Synthesis and characterization of a new hierarchical reinforcement by chemically grafting graphene oxide onto carbon fibers. <b>2012</b> , 22, 18748	102
806	Ion-Specific Responsiveness of Polyamidoamine (PAMAM) Dendrimers Adsorbed on Silica Substrates. <b>2012</b> , 45, 3919-3927	23
805	Nucleosome-like Structure from Dendrimer-Induced DNA Compaction. <b>2012</b> , 45, 5208-5217	14
804	PAMAM dendrimer-drug interactions: effect of pH on the binding and release pattern. <b>2012</b> , 116, 4370-6	91
803	Nucleic acid scavengers inhibit thrombosis without increasing bleeding. <b>2012</b> , 109, 12938-43	81
802	Development of surface chemistry for surface plasmon resonance based sensors for the detection of proteins and DNA molecules. <b>2012</b> , 712, 138-44	81
801	Targeted therapy for cancer using pH-responsive nanocarrier systems. <b>2012</b> , 90, 381-7	139
800	Stoichiometry and equilibrium constant of the complex of PAMAM-NH <sub>2</sub> G <sub>4</sub> and 5-fluorouracil. <b>2012</b> , 173, 8-12	12
799	Synthesis and characterization of quaternized carboxymethyl chitosan/poly(amidoamine) dendrimer core-shell nanoparticles. <b>2012</b> , 32, 2026-2036	37
798	Starburst dendrimers consisting of triphenylamine core and 9-phenylcarbazole-based dendrons: synthesis and properties. <b>2012</b> , 10, 9481-90	19
797	Dendrimer functionalization with a membrane-interacting domain of herpes simplex virus type 1: towards intracellular delivery. <b>2012</b> , 18, 13678-85	56
796	Polymeric Imaging Agents. <b>2012</b> , 529-545	
795	Progress in Dendrimer-Based Nanocarriers. <b>2012</b> , 459-469	
794	Principles of Step-Growth Polymerization (Polycondensation and Polyaddition). <b>2012</b> , 7-47	9

793	Dendrimers as topical microbicides with activity against HIV. <b>2012</b> , 36, 299-309	40
792	Size and surface charge significantly influence the toxicity of silica and dendritic nanoparticles. <b>2012</b> , 6, 713-23	122
791	Carbon Nanotubes in Cancer Therapy, Including Boron Neutron Capture Therapy (BNCT). <b>2012</b> ,	1
790	Preparation of low molecular weight N-maleated chitosan-graft-PAMAM copolymer for enhanced DNA complexation. <b>2012</b> , 51, 859-67	41
789	Loading and release capabilities of charged dendronized polymers revealed by EPR spectroscopy. <b>2012</b> , 3, 2550	16
788	Dendrimers in biomedical applicationsReflections on the field. <b>2012</b> , 64, 102-115	381
787	Potential use of folate-polyethylene glycol (PEG)-appended dendrimer (G3) conjugate with Cyclodextrin as DNA carriers to tumor cells. <b>2012</b> , 19, 358-66	30
786	Fabrication of Highly Stable, Hybrid PbS Nanocomposites in PAMAM Dendrimer Matrix for Photodetection. <b>2012</b> , 116, 6022-6030	23
785	Structure of DNA-functionalized dendrimer nanoparticles. <b>2012</b> , 8, 1893-1900	9
784	Biophysical characterization of a riboflavin-conjugated dendrimer platform for targeted drug delivery. <b>2012</b> , 13, 507-16	46
783	Dendrimer-mediated drug delivery to the skin. <b>2012</b> , 8, 4301	57
782	Host-guest chemistry of dendrimer-drug complexes: 7. Formation of stable inclusions between acetylated dendrimers and drugs bearing multiple charges. <b>2012</b> , 116, 3075-82	18
781	Targeted breast cancer nanotherapeutics: options and opportunities with estrogen receptors. <b>2012</b> , 29, 421-46	14
780	Nanocarriers for transdermal drug delivery. <b>2012</b> , 3	27
779	Structural analysis of poly(amidoamine) dendrimer immobilized in crosslinked poly(ethylene glycol). <b>2012</b> , 50, 1156-1164	9
778	Phosphorus dendrimers affect Alzheimer's (A $\beta$ -28) peptide and MAP-Tau protein aggregation. <b>2012</b> , 9, 458-69	81
777	Dendrimer building toolkit: model building and characterization of various dendrimer architectures. <b>2012</b> , 33, 1997-2011	84
776	Polymeric conjugates for drug delivery. <b>2012</b> , 24, 840-853	437

775	High-Contrast Reversible Fluorescence Photoswitching of Dye-Crosslinked Dendritic Nanoclusters in Living Vertebrates. <b>2012</b> , 124, 2932-2936		5
774	High-contrast reversible fluorescence photoswitching of dye-crosslinked dendritic nanoclusters in living vertebrates. <b>2012</b> , 51, 2878-82		51
773	Synthesis and characterization of G5 PAMAM dendrimer containing daunorubicin for targeting cancer cells. <b>2012</b> , 35, 343-9		20
772	Approaches for the preparation of non-linear amphiphilic polymers and their applications to drug delivery. <b>2012</b> , 64, 852-65		137
771	Network of sodium hyaluronate with nano-knots junction of poly(amido amine) dendrimer. <b>2012</b> , 88, 352-360		12
770	Chimeric advanced drug delivery nano systems (chi-aDDnSs) for shikonin combining dendritic and liposomal technology. <b>2012</b> , 422, 381-9		30
769	Thermochemical and spectroscopic studies on the supramolecular complex of PAMAM-NH <sub>2</sub> G4 dendrimer and 5-fluorouracil in aqueous solution. <b>2012</b> , 428, 178-82		36
768	Synthesis of 5-aryl-1,4-benzodiazepine derivatives attached in resorcinaren-PAMAM dendrimers and their anti-cancer activity. <b>2012</b> , 20, 415-21		22
767	Low-humidity sensing properties of PAMAM dendrimer and PAMAM-Au nanoparticles measured by a quartz-crystal microbalance. <b>2012</b> , 179, 44-49		13
766	Dendrimer type bio-reducible polymer for efficient gene delivery. <i>Journal of Controlled Release</i> , <b>2012</b> , 160, 592-600	11.7	63
765	Scaling trend in diffusion coefficients of low generation G0-G3 PAMAM dendrimers in aqueous solution at high and neutral pH. <b>2012</b> , 23, 123-128		17
764	Diffusion coefficients of first-generation polyamidoamine dendrimer and its $\beta$ -cyclodextrin conjugate in aqueous solution by means of molecular dynamics simulations. <b>2012</b> , 143, 29-35		1
763	PAMAM dendrimer-coated iron oxide nanoparticles: synthesis and characterization of different generations. <b>2013</b> , 15, 1		53
762	Dendrimer-based nanodevices for targeted drug delivery applications. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 4199-4211	7.3	134
761	Oleodendrimers: a novel class of multicephalous heterolipids as chemical penetration enhancers for transdermal drug delivery. <b>2013</b> , 454, 158-66		24
760	"Click" dendrimers as anti-inflammatory agents: with insights into their binding from molecular modeling studies. <b>2013</b> , 10, 2502-8		30
759	Polyinosinic:polycytidylic acid loading onto different generations of PAMAM dendrimer-coated magnetic nanoparticles. <b>2013</b> , 15, 1		2
758	Development of biocompatible PAMAM 'dendrzyme' to maintain catalytic activity in biological complex medium. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 4259-4266	7.3	8

757	Dendrimer-Based RNA Interference Delivery for Cancer Therapy. <b>2013</b> , 197-213	5
756	Fluorinated dendrimers as imaging agents for $^{19}F$ MRI. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2013</b> , 5, 646-61	9.2 31
755	Encyclopedia of Biophysics. <b>2013</b> , 441-441	
754	The synthesis and study of fluorescent PAMAM-based dendritic molecules. <b>2013</b> , 69, 8439-8445	5
753	Water-Soluble Fluorinated and PEGylated Cyanostilbene Derivative: An Amphiphilic Building Block Forming Self-Assembled Organic Nanorods with Enhanced Fluorescence Emission. <b>2013</b> , 25, 3288-3295	5 <sup>1</sup>
752	Dendrimers. <b>2013</b> , 1045-1047	2
751	Intravesical drug delivery for dysfunctional bladder. <b>2013</b> , 20, 552-62	32
750	Janus PEG-based dendrimers for use in combination therapy: controlled multi-drug loading and sequential release. <b>2013</b> , 14, 564-74	4 <sup>1</sup>
749	Electrospun blends of gelatin and gelatin-dendrimer conjugates as a wound-dressing and drug-delivery platform. <b>2013</b> , 14, 4038-45	7 <sup>1</sup>
748	Stopped-flow kinetic studies of poly(amidoamine) dendrimer-calf thymus DNA to form dendriplexes. <b>2013</b> , 117, 13767-74	9
747	Nanocarriers for delivery of platinum anticancer drugs. <b>2013</b> , 65, 1667-85	290
746	Cationic dendron-bearing lipids: investigating structure-activity relationships for small interfering RNA delivery. <b>2013</b> , 14, 4289-300	30
745	Janus-Dendrimer-Mediated Formation of Crystalline Virus Assemblies. <b>2013</b> , 2, 720-724	35
744	Advanced nanocarriers for an antitumor peptide. <b>2013</b> , 15, 1	4
743	Encyclopedia of Biophysics. <b>2013</b> , 484-486	1
742	New surface hydroxylated and internally quaternised poly(propylene imine) dendrimers as efficient biocompatible drug carriers of norfloxacin. <b>2013</b> , 10, 1319-34	13
741	Dendrimer functionalized water soluble magnetic iron oxide conjugates as dual imaging probe for tumor targeting and drug delivery. <b>2013</b> , 4, 789-794	27
740	Effect of the phase-separated structure on CO <sub>2</sub> separation performance of the poly(amidoamine) dendrimer immobilized in a poly(ethylene glycol) network. <b>2013</b> , 1, 14514	21

739	Nano tools for macro problems: multiscale molecular modeling of nanostructured polymer systems. <b>2013</b> , 20, 379-394	5
738	The dendrimer impact on vesicles can be tuned based on the bilayer charge and the presence of albumin. <b>2013</b> , 9, 8862-70	19
737	Codendrimer (PAG) from polyamidoamine (PAMAM) and oligoethylene glycols (OEG) dendron: evaluation as drug carrier. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 6078-6084	7-3 8
736	Immobilization of carbohydrate clusters on a quartz crystal microbalance sensor surface. <b>2013</b> , 393, 257-63	9
735	Sustained analgesia achieved through esterase-activated morphine prodrugs complexed with PAMAM dendrimer. <b>2013</b> , 30, 247-56	14
734	Synthesis and properties of peptide dendrimers containing fluorescent and branched amino acids. <b>2013</b> , 100, 64-70	6
733	Facile synthesis of dendrimers combining aza-Michael addition with Thiol-yne click chemistry. <b>2013</b> , 51, 708-715	31
732	Quantitative analysis of generation and branch defects in G5 poly(amidoamine) dendrimer. <b>2013</b> , 54, 4126-4133	49
731	Interaction between PAMAM-NH <sub>2</sub> G4 dendrimer and paracetamol in aqueous solution. <b>2013</b> , 186, 70-75	13
730	Synthesis and characterization of multi-functional linear-dendritic block copolymer for intracellular delivery of antitumor drugs. <b>2013</b> , 452, 363-73	17
729	Dendrimer-based multivalent vancomycin nanoplatforM for targeting the drug-resistant bacterial surface. <b>2013</b> , 7, 214-28	114
728	Dendrimer Nanoparticles and Their Applications in Biomedicine. <b>2013</b> , 345-367	
727	How stable are amphiphilic dendrimers at the liquid-liquid interface?. <b>2013</b> , 9, 6841-6850	18
726	Generation 9 polyamidoamine dendrimer encapsulated platinum nanoparticle mimics catalase size, shape, and catalytic activity. <b>2013</b> , 29, 5262-70	63
725	Iontophoresis-mediated transdermal permeation of peptide dendrimers across human epidermis. <b>2013</b> , 26, 127-38	34
724	Synthesis and Characterization of Luteinizing Hormone-Releasing Hormone (LHRH)-Functionalized Mini-Dendrimers. <b>2013</b> , 03, 51-57	4
723	Investigation on the interaction behavior between curcumin and PAMAM dendrimer by spectral and docking studies. <b>2013</b> , 108, 251-5	22
722	Encyclopedia of Biophysics. <b>2013</b> , 513-513	

721	Architecture, self-assembly and properties of well-defined hybrid polymers based on polyhedral oligomeric silsesquioxane (POSS). <b>2013</b> , 38, 1121-1162	300
720	Comparative anti-inflammatory activity of poly(amidoamine) (PAMAM) dendrimer-dexamethasone conjugates with dexamethasone-liposomes. <b>2013</b> , 449, 28-36	34
719	Facile and efficient synthesis of hyperbranched polyesters based on renewable castor oil. <b>2013</b> , 62, 1457-1464	19
718	Computationally efficient methodology for atomic-level characterization of dendrimer-drug complexes: a comparison of amine- and acetyl-terminated PAMAM. <b>2013</b> , 117, 6801-13	67
717	Paclitaxel-conjugated PAMAM dendrimers adversely affect microtubule structure through two independent modes of action. <b>2013</b> , 14, 654-64	44
716	Exploiting the physicochemical properties of dendritic polymers for environmental and biological applications. <b>2013</b> , 15, 4477-90	27
715	Molecular dynamics simulations of PPI dendrimer-drug complexes. <b>2013</b> , 9, 6482	41
714	Encyclopedia of Biophysics. <b>2013</b> , 489-498	
713	Encyclopedia of Biophysics. <b>2013</b> , 558-572	
712	Encyclopedia of Biophysics. <b>2013</b> , 552-558	1
711	Dendrimers for Enhanced Drug Solubilization. <b>2013</b> , 373-409	9
710	Biocompatible, multifunctional, and well-defined OEG-based dendritic platforms for biomedical applications. <b>2013</b> , 11, 4109-21	13
709	Solubility enhancement of paclitaxel using a linear-dendritic block copolymer. <b>2013</b> , 452, 173-9	45
708	Interactions between Individual Charged Dendronized Polymers and Surfaces. <b>2013</b> , 46, 3603-3610	17
707	Synthesis and Characterization of Some Novel Glycodendrimers and N-alkyldendrimers with Amide Core and Triazole Functionality through Click Chemistry. <b>2013</b> , 43, 2217-2225	3
706	Doxorubicin loading, release, and stability of polyamidoamine dendrimer-coated magnetic nanoparticles. <b>2013</b> , 102, 1825-1835	39
705	Efficient down-regulation of PKC- $\delta$ gene expression in A549 lung cancer cells mediated by antisense oligodeoxynucleotides in dendrosomes. <b>2013</b> , 441, 82-91	19
704	COMPARATIVE PHARMACOKINETICS OF PAMAM-OH DENDRIMERS AND HPMA COPOLYMERS IN OVARIAN-TUMOR-BEARING MICE. <i>Drug Delivery and Translational Research</i> , <b>2013</b> , 3, 260-271	6.2 19

- 703 Staged self-assembly of PAMAM dendrimers into macroscopic aggregates with a microribbon structure similar to that of amelogenin. **2013**, 9, 7553 22
- 702 How do multivalent glycodendrimers benefit from sulfur chemistry?. **2013**, 42, 4823-41 64
- 701 Design considerations for PAMAM dendrimer therapeutics. **2013**, 23, 2872-5 14
- 700 Janus nanogels of PEGylated Taxol and PLGA-PEG-PLGA copolymer for cancer therapy. **2013**, 5, 9902-7 27
- 699 Glycodendrimers prevent HIV transmission via DC-SIGN on dendritic cells. **2013**, 25, 221-33 43
- 698 mPEG-PAMAM-G4 nucleic acid nanocomplexes: enhanced stability, RNase protection, and activity of splice switching oligomer and poly I:C RNA. **2013**, 14, 4108-15 27
- 697 Twenty-First Century Polymer Science After Staudinger: The Emergence of Dendrimers/Dendritic Polymers as a Fourth Major Architecture and Window to a New Nano-periodic System. **2013**, 321-389 11
- 696 Bioinspired intrafibrillar mineralization of human dentine by PAMAM dendrimer. **2013**, 34, 6738-47 97
- 695 Interactions of PAMAM dendrimers with SDS at the solid-liquid interface. **2013**, 29, 5817-31 16
- 694 Dendrimers functionalized with membrane-interacting peptides for viral inhibition. **2013**, 8, 521-34 23
- 693 Molecular Dynamics of Film Formation of Metal Tetrasulfonated Phthalocyanine and Poly Amidoamine Dendrimers. **2013**, 2013, 1-7 2
- 692 Hierarchical Macromolecular Structures: 60 Years after the Staudinger Nobel Prize I. **2013**, 2013, 1-7 2
- 691 Arborescent polypeptides from  $\beta$ -benzyl l-glutamic acid. **2013**, 51, 5270-5279 8
- 690 Nano and microtechnologies for ophthalmic administration, an overview. **2013**, 23, 75-102 23
- 689 Nanoparticle-Based Treatment and Imaging of Brain Tumors. **2013**, 361-380 2
- 688 Allyl-End-Grafted Carbosilane Dendrimers Based on 1,4-Phenylene Units: Synthesis, Reactivity, Structure, and Bonding Motifs. **2013**, 2013, 2368-2381 3
- 687 - Application of Marine Biomaterials in Orthopedic and Soft Tissue Surgical Challenges. **2013**, 584-597 8
- 686 The effect of PAMAM dendrimers on the antibacterial activity of antibiotics with different water solubility. *Molecules*, **2013**, 18, 8607-17 4.8 44



685	Novel antimicrobial peptide dendrimers with amphiphilic surface and their interactions with phospholipids--insights from mass spectrometry. <i>Molecules</i> , <b>2013</b> , 18, 7120-44	4.8	17
684	Applications of nanosystems to anticancer drug therapy (Part II. Dendrimers, micelles, lipid-based nanosystems). <b>2014</b> , 9, 99-128		25
683	Dendrimeric systems and their applications in ocular drug delivery. <b>2013</b> , 2013, 732340		56
682	Investigation of dendriplexes by ion mobility-mass spectrometry. <i>Molecules</i> , <b>2014</b> , 19, 20731-50	4.8	1
681	Physico-chemical studies on the interaction of dendrimers with lipid bilayers. 1. Effect of dendrimer generation and liposome surface charge. <b>2014</b> , 63, 1185-93		12
680	. <b>2014</b> ,		8
679	. <b>2014</b> ,		3
678	PEGylated polymer micelles for anticancer drug delivery carrier. <b>2014</b> , 285-298		1
677	Polymeric Biomaterials for Medical Diagnostics in the Central Nervous System. <b>2014</b> , 373-386		1
676	Applications of Dendrimers in Drug Delivery Agents, Diagnosis, Therapy, and Detection. <b>2014</b> , 2014, 1-19		109
675	Effect of methotrexate conjugated PAMAM dendrimers on the viability of MES-SA uterine cancer cells. <b>2014</b> , 6, 297-302		14
674	BIOINSPIRED ENGINEERING OF MULTIFUNCTIONAL DEVICES. <b>2014</b> , 31-63		
673	Rheological and fluorescent properties of riboflavin-poly(N-isopropylacrylamide) hybrid hydrogel with a potentiality of forming Ag nanoparticle. <b>2014</b> , 4, 54684-54693		21
672	Conformational transition of H-shaped branched polymers. <b>2014</b> , 140, 094904		2
671	Nature of the effective interaction between dendrimers. <b>2014</b> , 141, 144901		16
670	The Synthesis of Ionic Liquid Crystal Polymer and the Study of as Chromatographic Stationary Phase. <b>2014</b> , 989-994, 626-628		1
669	Complexation of Mefenamic Acid by Low-Generation PAMAM Dendrimers: Insight from NMR Spectroscopy Studies and Molecular Dynamics Simulations. <b>2014</b> , 215, 372-383		11
668	Applications of dendrimers for brain delivery and cancer therapy. <b>2014</b> , 9, 2403-14		48

667	Emerging concepts in dendrimer-based nanomedicine: from design principles to clinical applications. <b>2014</b> , 276, 579-617	336
666	Development of a Protein Mimic with Peptide Ligands to Enhance Specific Sensing and Targeting by the Zwitterionic Surface Engineering of Poly(amido amine) Dendrimers. <b>2014</b> , 1, 1300059	3
665	Modeling dendrimers charge interaction in solution: relevance in biosystems. <b>2014</b> , 2014, 837651	22
664	Dendrimer as nanocarrier for drug delivery. <b>2014</b> , 39, 268-307	729
663	Metal ion remediation by polyamidoamine dendrimers: a comparison of metal ion, oxidation state, and titania immobilization. <b>2014</b> , 11, 1497-1502	11
662	Topical delivery of ocular therapeutics: carrier systems and physical methods. <b>2014</b> , 66, 507-30	89
661	Cytotoxicity and in vitro characterization studies of synthesized Jeffamine-cored PAMAM dendrimers. <b>2014</b> , 31, 127-36	17
660	Palmitoylation of octreotide for incorporation into poly(amidoamine) dendrimers. <b>2014</b> , 44, 141-145	6
659	Functional magnetic nanoparticles for non-viral gene delivery and MR imaging. <b>2014</b> , 31, 1377-89	37
658	The development of low-molecular weight hydrogels for applications in cancer therapy. <b>2014</b> , 6, 3474-82	74
657	Microwave assisted synthesis of Jeffamine cored PAMAM dendrimers. <b>2014</b> , 52, 218-226	20
656	Antitumor efficacy of doxorubicin encapsulated within PEGylated poly(amidoamine) dendrimers. <b>2014</b> , 131, n/a-n/a	17
655	Synthesis, Characterization, and Photo-Physical Properties of Dendrimers Modified With 1,8-Naphthalimide Derivatives as Novel Fluorescent pH Sensors. <b>2014</b> , 14, 2889-2896	15
654	Drug delivery investigations of quaternised poly(propylene imine) dendrimer using nimesulide as a model drug. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 114, 121-9	6 20
653	Significance of Branching for Transfection: Synthesis of Highly Branched Degradable Functional Poly(dimethylaminoethyl methacrylate) by Vinyl Oligomer Combination. <b>2014</b> , 126, 6209-6214	7
652	The acceleration of boron neutron capture therapy using multi-linked mercaptoundecahydrododecaborate (BSH) fused cell-penetrating peptide. <b>2014</b> , 35, 3396-405	56
651	Synthesis, characterization and CO <sub>2</sub> capture of mesoporous SBA-15 adsorbents functionalized with melamine-based and acrylate-based amine dendrimers. <b>2014</b> , 183, 124-133	61
650	Dendrimer space exploration: an assessment of dendrimers/dendritic scaffolding as inhibitors of protein-protein interactions, a potential new area of pharmaceutical development. <b>2014</b> , 114, 1327-42	68

649	Pharmaceutical and toxicological properties of engineered nanomaterials for drug delivery. <b>2014</b> , 54, 581-98	35
648	Dendrimer Conjugate of [4-(Tetradecanoylamino)benzyl]phosphonic Acid (S32826) as an Autotaxin Inhibitor. <b>2014</b> , 5, 34-9	7
647	Loading of polymer nanocarriers: Factors, mechanisms and applications. <b>2014</b> , 39, 43-86	129
646	The use of pH-sensitive functional selenium nanoparticles shows enhanced in vivo VEGF-siRNA silencing and fluorescence imaging. <b>2014</b> , 6, 9279-92	42
645	Betaine ester-shell functionalized hyperbranched polymers for potential antimicrobial usage: Guest loading capability, pH controlled release and adjustable compatibility. <b>2014</b> , 55, 6261-6270	3
644	Interactions of PAMAM dendrimers with negatively charged model biomembranes. <b>2014</b> , 118, 12892-906	22
643	Targeting of follicle stimulating hormone peptide-conjugated dendrimers to ovarian cancer cells. <b>2014</b> , 6, 2812-20	44
642	Dendrimer-based multilayer nanocarrier for potential synergistic paclitaxel/oxorubicin combination drug delivery. <b>2014</b> , 4, 3643-3652	27
641	A sensitive HPLC assay for quantitative determination of polyamidoamine dendrimers after pre-column derivatization using FITC. <b>2014</b> , 6, 1684	3
640	Peptide-Modified Dendrimers as Templates for the Production of Highly Reactive Catalytic Nanomaterials. <b>2014</b> , 26, 4082-4091	16
639	Multifunctional dendrimers modified with alpha-tocopheryl succinate for targeted cancer therapy. <b>2014</b> , 5, 879-885	41
638	A novel strategy of procalcitonin detection based on multi-nanomaterials of single-walled carbon nanohorns/hollow Pt nanospheres/PAMAM as signal tags. <b>2014</b> , 4, 13934	23
637	Complexes formed between DNA and poly(amido amine) dendrimers of different generations--modelling DNA wrapping and penetration. <b>2014</b> , 16, 13112-22	14
636	Multifunctional lactobionic acid-modified dendrimers for targeted drug delivery to liver cancer cells: investigating the role played by PEG spacer. <b>2014</b> , 6, 16416-25	116
635	Antibacterial polymeric nanostructures for biomedical applications. <b>2014</b> , 50, 14482-93	142
634	Efficient oral insulin delivery by dendronized chitosan: in vitro and in vivo studies. <b>2014</b> , 4, 43890-43902	24
633	Nanoreactors for Biomedical Applications. <b>2014</b> , 457-508	2
632	Polyurea dendrimer for efficient cytosolic siRNA delivery. <b>2014</b> , 4, 54872-54878	18

631	Thiol-ene and thiol-yne-based synthesis of glycodendrimers as nanomolar inhibitors of wheat germ agglutinin. <b>2014</b> , 52, 2422-2433	29
630	Diffusion NMR study of generation-five PAMAM dendrimer materials. <b>2014</b> , 118, 7195-202	35
629	Adsorption of mixtures of poly(amidoamine) dendrimers and sodium dodecyl sulfate at the air-water interface. <b>2014</b> , 30, 5817-28	15
628	Synthesis and characterization of dendritic star-shaped zwitterionic polymers as novel anticancer drug delivery carriers. <b>2014</b> , 25, 1641-57	15
627	Effect of generation 4.0 polyamidoamine dendrimer on the mineralization of demineralized dentinal tubules in vitro. <b>2014</b> , 59, 1085-93	26
626	Significance of branching for transfection: synthesis of highly branched degradable functional poly(dimethylaminoethyl methacrylate) by vinyl oligomer combination. <b>2014</b> , 53, 6095-100	68
625	Multivalent polymers for drug delivery and imaging: the challenges of conjugation. <b>2014</b> , 15, 3215-34	47
624	Poly(ethylene glycol)-modified PAMAM-Fe <sub>3</sub> O <sub>4</sub> -doxorubicin triads with the potential for improved therapeutic efficacy: generation-dependent increased drug loading and retention at neutral pH and increased release at acidic pH. <b>2014</b> , 30, 1004-11	37
623	Click hybridization of immune cells and polyamidoamine dendrimers. <b>2014</b> , 3, 1430-8	22
622	GATG dendrimers and PEGylated block copolymers: from synthesis to bioapplications. <b>2014</b> , 16, 948-61	21
621	Chemically modified novel PAMAM-ZnO nanocomposite: Synthesis, characterization and photocatalytic activity. <b>2014</b> , 486, 170-175	39
620	DNA assisted self-assembly of PAMAM dendrimers. <b>2014</b> , 118, 11805-15	14
619	Structure, swelling, and drug release of thermoresponsive poly(amidoamine) dendrimer-poly(N-isopropylacrylamide) hydrogels. <b>2014</b> , 49, 6102-6110	21
618	Bioapplications of poly(amidoamine) (PAMAM) dendrimers in nanomedicine. <b>2014</b> , 16, 1	73
617	Intracellular Ca <sup>2+</sup> release mediates cationic but not anionic poly(amidoamine) (PAMAM) dendrimer-induced tight junction modulation. <b>2014</b> , 31, 2429-38	14
616	pH-responsive polymers: properties, synthesis and applications. <b>2014</b> , 45-92	36
615	A mechanistic view of lipid membrane disrupting effect of PAMAM dendrimers. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 118, 164-71	6 27
614	Drug-dendrimer supramolecular complexation studied from molecular dynamics simulations and NMR spectroscopy. <b>2014</b> , 25, 1443-1455	12

613	Impact of dendrimer surface functional groups on the release of doxorubicin from dendrimer carriers. <b>2014</b> , 118, 1696-706		43
612	Structure of the Electrostatic Complex of DNA with Cationic Dendrimer of Intermediate Generation: The Role of Counterion Entropy. <b>2014</b> , 47, 3117-3127		10
611	Preparation and evaluation of polyamidoamine dendrimer conjugate with glucuronylglucosyl- $\beta$ -cyclodextrin (G3) as a novel carrier for siRNA. <b>2014</b> , 22, 927-34		15
610	Triclosan-loaded poly(amido amine) dendrimer for simultaneous treatment and remineralization of human dentine. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 115, 237-43	6	39
609	Formation of complexes between PAMAM-NH <sub>2</sub> G4 dendrimer and L-tryptophan and L-tyrosine in water. <b>2014</b> , 128, 647-52		9
608	Conformational sensitivity of conjugated poly(ethylene oxide)-poly(amidoamine) molecules to cations adducted upon electrospray ionization - a mass spectrometry, ion mobility and molecular modeling study. <b>2014</b> , 808, 163-74		16
607	Free energy of PAMAM dendrimer adsorption onto model biological membranes. <b>2014</b> , 118, 6792-802		18
606	Nanomedicine in Cancer Treatment. <b>2014</b> , 161-188		
605	Modulated regeneration of acid-etched human tooth enamel by a functionalized dendrimer that is an analog of amelogenin. <b>2014</b> , 10, 4437-46		48
604	Nanoparticles for Dermal and Transdermal Drug Delivery. <b>2014</b> ,		21
603	Biomimetic Polymers for In Vivo Drug Delivery. <b>2014</b> , 109-148		3
602	Mean trapping time for an arbitrary node on regular hyperbranched polymers. <b>2014</b> , 2014, P12018		10
601	Particulates: Drug Delivery. <b>2015</b> , 5858-5880		
600	Interaction of dendronized polymeric nanocomposites with isomeric cyclohexanediols. <b>2015</b> , 132, n/a-n/a		
599	Collapse Transition of Branched Polymers in Dilute Solutions: Telechelic Star vs. H-Polymer. <b>2015</b> , 354, 207-220		
598	The interaction mechanism between lipopeptide (daptomycin) and polyamidoamine (PAMAM) dendrimers. <b>2015</b> , 21, 312-9		5
597	Glycodendrimers: tools to explore multivalent galectin-1 interactions. <b>2015</b> , 11, 739-47		20
596	Designing Dendrimer and Miktoarm Polymer Based Multi-Tasking Nanocarriers for Efficient Medical Therapy. <i>Molecules</i> , <b>2015</b> , 20, 16987-7015	4.8	37

595	Poly(Propylene Imine) Dendrimers and Amoxicillin as Dual-Action Antibacterial Agents. <i>Molecules</i> , <b>2015</b> , 20, 19330-42	4.8	19
594	Use of poly (amidoamine) dendrimer for dentinal tubule occlusion: a preliminary study. <b>2015</b> , 10, e0124735		10
593	Nanocarrier-mediated co-delivery of chemotherapeutic drugs and gene agents for cancer treatment. <b>2015</b> , 5, 169-75		129
592	Cationic phosphorus dendrimers and therapy for Alzheimer's disease. <b>2015</b> , 39, 4852-4859		31
591	On the Possibility of Facilitated Diffusion of Dendrimers Along DNA. <b>2015</b> , 119, 6894-904		4
590	Association of the anti-tuberculosis drug rifampicin with a PAMAM dendrimer. <b>2015</b> , 60, 34-42		56
589	Design and Development of Theranostic Nanomedicines. <b>2015</b> , 429-465		
588	Internalization and Subcellular Trafficking of Poly-L-lysine Dendrimers Are Impacted by the Site of Fluorophore Conjugation. <b>2015</b> , 12, 1961-9		11
587	G5-PEG PAMAM dendrimer incorporating nanostructured lipid carriers enhance oral bioavailability and plasma lipid-lowering effect of probucol. <i>Journal of Controlled Release</i> , <b>2015</b> , 210, 160-8	11.7	32
586	Architecture, Assembly, and Emerging Applications of Branched Functional Polyelectrolytes and Poly(ionic liquid)s. <b>2015</b> , 7, 12570-96		102
585	Synthesis and spectral characterization of a new PPA dendrimer modified with 4-bromo-1,8-naphthalimide and in vitro antimicrobial activity of its Cu(II) and Zn(II) metal complexes. <b>2015</b> , 71, 1080-1087		23
584	A polyphenylene dendrimer drug transporter with precisely positioned amphiphilic surface patches. <b>2015</b> , 4, 377-84		22
583	Self-aggregation of amphiphilic [60]fullerenyl focal point functionalized PAMAM dendrons into pseudodendrimers: DNA binding involving dendriplex formation. <b>2015</b> , 103, 1595-604		10
582	Multifunctional drug nanocarriers formed by cRGD-conjugated CD-PAMAM-PEG for targeted cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 126, 590-597	6	32
581	Dendrimeric anticancer prodrugs for targeted delivery of ursolic acid to folate receptor-expressing cancer cells: synthesis and biological evaluation. <b>2015</b> , 70, 55-63		56
580	Safety profiles and antitumor efficacy of oncolytic adenovirus coated with bioreducible polymer in the treatment of a CAR negative tumor model. <b>2015</b> , 16, 87-96		27
579	Protective effects and mechanisms of G5 PAMAM dendrimers against acute pancreatitis induced by caerulein in mice. <b>2015</b> , 16, 174-82		32
578	Use of multifunctional phosphorylated PAMAM dendrimers for dentin biomimetic remineralization and dentinal tubule occlusion. <b>2015</b> , 5, 11136-11144		22

577	Improved gene transfection efficacy and cytocompatibility of multifunctional polyamidoamine-cross-linked hyaluronan particles. <b>2015</b> , 15, 682-90		17
576	Polyoxometalate-conductive polymer composites for energy conversion, energy storage and nanostructured sensors. <b>2015</b> , 44, 7092-104		171
575	Transcorneal iontophoresis of dendrimers: PAMAM corneal penetration and dexamethasone delivery. <i>Journal of Controlled Release</i> , <b>2015</b> , 200, 115-24	11.7	34
574	Preparation of self-assembled core-shell nano structure of conjugated generation 4.5 poly (amidoamine) dendrimer and monoclonal Anti-IL-6 antibody as bioimaging probe. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 135, 253-260	6	11
573	Spectroscopic and calorimetric studies of formation of the supramolecular complexes of PAMAM G5-NH <sub>2</sub> and G5-OH dendrimers with 5-fluorouracil in aqueous solution. <b>2015</b> , 490, 102-11		24
572	Ligand Accessibility and Bioactivity of a Hormone-Dendrimer Conjugate Depend on pH and pH History. <b>2015</b> , 137, 10326-35		10
571	Modification of cotton fabric with a dendrimer to improve ink-jet printing process. <b>2015</b> , 131, 168-76		25
570	Deviation from the Unimolecular Micelle Paradigm of PAMAM Dendrimers Induced by Strong Interligand Interactions. <b>2015</b> , 119, 19475-19484		6
569	Combination of Nanoparticle-Delivered siRNA for Astrocyte Elevated Gene-1 (AEG-1) and All-trans Retinoic Acid (ATRA): An Effective Therapeutic Strategy for Hepatocellular Carcinoma (HCC). <i>Bioconjugate Chemistry</i> , <b>2015</b> , 26, 1651-61	6.3	37
568	Synthesis of PAMAM dendrimer-based fast cross-linking hydrogel for biofabrication. <b>2015</b> , 26, 669-82		20
567	PAMAM G4 dendrimers as inhibitors of the iron storage properties of human L-chain ferritin. <b>2015</b> , 17, 19001-11		14
566	Bilayer Charge Reversal and Modification of Lipid Organization by Dendrimers as Observed by Sum-Frequency Vibrational Spectroscopy. <b>2015</b> , 31, 7815-25		9
565	Encapsulation and cellular internalization of cyanine dye using amphiphilic dendronized polymers. <b>2015</b> , 69, 416-428		10
564	Dynamics of generalized Gaussian polymeric structures in random layered flows. <b>2015</b> , 91, 042602		9
563	On the formation of dendrimer/nucleolipids surface films for directed self-assembly. <b>2015</b> , 11, 1973-90		7
562	Photophysical studies of the interactions of poly(amidoamine) generation zero (PAMAM G0) with copper and zinc ions. <b>2015</b> , 164, 23-30		5
561	Synthesis and Characterization of a Dumbbell-Shaped Polyrotaxane Based on Polytetrahydrofuran bis(3-aminopropyl) Terminated and $\beta$ -Cyclodextrins Using Polyamidoamine (PAMAM) Dendrimers as Bulky Stoppers. <b>2015</b> , 1094, 41-48		
560	Photodynamic therapy application of PAMAM-porphyrin molecule on stomach cancer cells. <b>2015</b> ,		

559	Interaction of PAMAM dendrimers with bovine insulin depends on nanoparticle end-groups. <b>2015</b> , 162, 87-91		11
558	Synthesis and characterization of pH-responsive and fluorescent poly (amidoamine) dendrimer-grafted cellulose nanocrystals. <b>2015</b> , 450, 101-108		31
557	Dendrimers incorporating benzenesulfonamide moieties strongly inhibit carbonic anhydrase isoforms I-XIV. <b>2015</b> , 13, 6453-7		12
556	Self-assembly of cricoid proteins induced by "soft nanoparticles": an approach to design multienzyme-cooperative antioxidative systems. <b>2015</b> , 9, 5461-9		83
555	G5 PAMAM dendrimer versus liposome: a comparison study on the in vitro transepithelial transport and in vivo oral absorption of simvastatin. <b>2015</b> , 11, 1141-51		25
554	Construction and evaluation of PAMAM-DOX conjugates with superior tumor recognition and intracellular acid-triggered drug release properties. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 136, 37-45	6	27
553	Effective dentin restorative material based on phosphate-terminated dendrimer as artificial protein. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 128, 304-314	6	34
552	Polyanionic carbosilane dendrimer-conjugated antiviral drugs as efficient microbicides: Recent trends and developments in HIV treatment/therapy. <b>2015</b> , 11, 1481-98		55
551	Current strategies for targeted delivery of bio-active drug molecules in the treatment of brain tumor. <b>2015</b> , 23, 865-87		51
550	Poly(amidoamine) Dendrimers with Carbonic Anhydrase Inhibitory Activity and Antiglaucoma Action. <b>2015</b> , 58, 4039-45		28
549	PAMAM dendrimers and graphene: materials for removing aromatic contaminants from water. <b>2015</b> , 49, 4490-7		35
548	Binding and conformation of dendrimer-based drug delivery systems: a molecular dynamics study. <b>2015</b> , 3, 221-231		3
547	Association of small aromatic molecules with PAMAM dendrimers. <b>2015</b> , 17, 29548-57		8
546	Recent Developments in Active Tumor Targeted Multifunctional Nanoparticles for Combination Chemotherapy in Cancer Treatment and Imaging. <b>2015</b> , 11, 1859-98		83
545	Chitosan-graft-PAMAMAlginate core-shell nanoparticles: a safe and promising oral insulin carrier in an animal model. <b>2015</b> , 5, 93995-94007		31
544	Development of peptidyl lysine dendrons: 1,3-dipolar cycloaddition for peptide coupling and antibody recognition. <b>2015</b> , 85, 565-73		5
543	Water-soluble TRIS-terminated PAMAM dendrimers: microwave-assisted synthesis, characterization and Cu(II) intradendrimer complexes. <b>2015</b> , 5, 60581-60595		15
542	Tweaking dendrimers and dendritic nanoparticles for controlled nano-bio interactions: potential nanocarriers for improved cancer targeting. <b>2015</b> , 23, 642-50		41



541	Dendrimer-Linked Antifreeze Proteins Have Superior Activity and Thermal Recovery. <i>Bioconjugate Chemistry</i> , <b>2015</b> , 26, 1908-15	6.3	28
540	VEGF therapeutic gene delivery using dendrimer type bio-reducible polymer into human mesenchymal stem cells (hMSCs). <i>Journal of Controlled Release</i> , <b>2015</b> , 220, 222-228	11.7	17
539	Evaluation of surface acetylated and internally quaternized poly(propylene imine) dendrimer as a biocompatible drug carrier for piroxicam as a model drug. <b>2015</b> , 5, 106461-106475		4
538	Poly(amidoamine) dendrimers show carbonic anhydrase inhibitory activity against $\alpha$ and $\beta$ class enzymes. <b>2015</b> , 23, 6794-8		26
537	Improved tumor targetability of Tat-conjugated PAMAM dendrimers as a novel nanosized anti-tumor drug carrier. <b>2015</b> , 41, 617-22		14
536	Topical gene silencing by iontophoretic delivery of an antisense oligonucleotide-dendrimer nanocomplex: the proof of concept in a skin cancer mouse model. <b>2015</b> , 7, 3903-14		43
535	Dendritic Polymers in Targeted Drug Delivery. <b>2015</b> , 543-569		2
534	Recent developments and applications of bioinspired dendritic polymers. <b>2015</b> , 6, 668-680		55
533	Evaluation of electrostatic binding of PAMAM dendrimers and charged phthalocyanines by fluorescence correlation spectroscopy. <b>2015</b> , 17, 4319-27		8
532	Recent advances in targeted drug delivery approaches using dendritic polymers. <b>2015</b> , 3, 1025-34		35
531	Extracellular vesicles and their synthetic analogues in aging and age-associated brain diseases. <b>2015</b> , 16, 147-85		41
530	The effect of chain size on the modeling of second sphere effects in biomimetic complexes. <b>2015</b> , 397, 76-84		13
529	Octopus glycosides: multivalent molecular platforms for testing carbohydrate recognition and bacterial adhesion. <b>2015</b> , 403, 90-7		12
528	Dendrimers - from organic synthesis to pharmaceutical applications: an update. <i>Pharmaceutical Development and Technology</i> , <b>2015</b> , 20, 22-40	3-4	32
527	Drug Delivery Nanoparticles Formulation and Characterization. <b>2016</b> ,		17
526	Nanoarchitected Biomaterials: Present Status and Future Prospects in Drug Delivery. <b>2016</b> , 35-66		2
525	Arginine-glycine-aspartic acid-polyethylene glycol-polyamidoamine dendrimer conjugate improves liver-cell aggregation and function in 3-D spheroid culture. <b>2016</b> , 11, 4247-59		7
524	Dendrimers for gene therapy. <b>2016</b> , 113-146		

523	Principles of Step-Growth Polymerization (Polycondensation and Polyaddition). <b>2016</b> ,		1
522	A Cytochrome P450 3A4 Biosensor Based on Generation 4.0 PAMAM Dendrimers for the Detection of Caffeine. <b>2016</b> , 6,		12
521	The Role of Galectin-1 in Cancer Progression, and Synthetic Multivalent Systems for the Study of Galectin-1. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	69
520	Fluoride-Promoted Esterification (FPE) Chemistry: A Robust Route to Bis-MPA Dendrons and Their Postfunctionalization. <i>Molecules</i> , <b>2016</b> , 21, 366	4.8	13
519	Nanoparticle Effects on Human Platelets in Vitro: A Comparison between PAMAM and Triazine Dendrimers. <i>Molecules</i> , <b>2016</b> , 21, 428	4.8	30
518	Nanobiomaterials Architected for Improved Delivery of Antimalaria Drugs. <b>2016</b> , 169-200		2
517	Development of Dendrimer Encapsulated Radio-Ytterbium and Biodistribution in Tumor Bearing Mice. <b>2016</b> , 15, 549-554		3
516	Dexamethasone - PAMAM dendrimer conjugates for retinal delivery: preparation, characterization and in vivo evaluation. <b>2016</b> , 68, 1010-20		29
515	Brief Timelapse on Dendrimer Chemistry: Advances, Limitations, and Expectations. <b>2016</b> , 217, 149-174		37
514	PAMAM-Conjugated Alumina Nanotubes as Novel Noncytotoxic Nanocarriers with Enhanced Drug Loading and Releasing Performances. <b>2016</b> , 217, 1712-1722		10
513	Design and Formulation of Protein-Based NPDDS. <b>2016</b> , 89-111		
512	Self-Assembly of Amphiphilic Dendrimers: The Role of Generation and Alkyl Chain Length in siRNA Interaction. <b>2016</b> , 6, 29436		28
511	Nanodrugs in Medicine and Healthcare: Oral Delivery. <b>2016</b> , 579-602		
510	PAMAM-grafted TiO <sub>2</sub> nanotubes as novel versatile materials for drug delivery applications. <b>2016</b> , 65, 164-71		31
509	A comparative study of linear, Y-shaped and linear-dendritic methoxy poly(ethylene glycol)-block-polyamidoamine-block-poly(L-glutamic acid) block copolymers for doxorubicin delivery in vitro and in vivo. <b>2016</b> , 40, 243-253		18
508	Effect of the Route of Administration and PEGylation of Poly(amidoamine) Dendrimers on Their Systemic and Lung Cellular Biodistribution. <b>2016</b> , 13, 1866-78		37
507	Recent development of unimolecular micelles as functional materials and applications. <b>2016</b> , 7, 5898-5919		113
506	Dendrimers as Innovative Radiopharmaceuticals in Cancer Radionanotherapy. <b>2016</b> , 17, 3103-3114		28

505	Spatial Distributions of Guest Molecule and Hydration Level in Dendrimer-Based Guest/Host Complex. <b>2016</b> , 5, 1004-1008	3
504	Studying the dynamic mechanism of transporting a single drug carrier-polyamidoamine dendrimer through cell membranes by force tracing. <b>2016</b> , 8, 18027-18031	14
503	Graphene: Nonreciprocity in Magnetically Biased Graphene at Microwave and Terahertz Frequencies. <b>2016</b> , 268-284	
502	Cyclen-based Gd complexes as MRI contrast agents: Relaxivity enhancement and ligand design. <b>2016</b> , 24, 5663-5684	29
501	Synthesis and Biological Activity of Highly Cationic Dendrimer Antibiotics. <b>2016</b> , 13, 3827-3834	20
500	The study of electron transfer reactions in a dendrimeric assembly: proper utilization of dendrimer fluorescence. <b>2016</b> , 18, 24830-24834	18
499	Scavenging nucleic acid debris to combat autoimmunity and infectious disease. <b>2016</b> , 113, 9728-33	41
498	Functional Dendrimers as Nanoscale Theranostic Vehicles for Cancer Treatment. <b>2016</b> , 327-353	
497	Application of nanomedicine for crossing the blood-brain barrier: Theranostic opportunities in multiple sclerosis. <b>2016</b> , 13, 603-19	27
496	Synthesis, spectral characterization, and effective antifungal evaluation of 1H-tetrazole containing 1,3,5-triazine dendrimers. <b>2016</b> , 25, 1916-1924	10
495	Physicochemical, Electronic, and Mechanical Properties of Nanoparticles. <b>2016</b> , 77-123	1
494	Role of Unmodified Low Generation PAMAM Dendrimers in Efficient Non-Toxic Gene Transfection. <i>ChemistrySelect</i> , <b>2016</b> , 1, 5206-5217	1.8 2
493	Background of Ocular Drug Delivery. <b>2016</b> , 1-9	1
492	Polymeric Nanoparticles as siRNA Drug Delivery System for Cancer Therapy: The Long Road to Therapeutic Efficiency. <b>2016</b> , 503-540	5
491	Peptide-conjugated PEGylated PAMAM as a highly affinitive nanocarrier towards HER2-overexpressing cancer cells. <b>2016</b> , 6, 107337-107343	11
490	Chapter 3 Dendritic Polymers for the Repair of Tissues. <b>2016</b> , 77-106	
489	A Facile Strategy to Prepare Dendrimer-stabilized Gold Nanorods with Sub-10-nm Size for Efficient Photothermal Cancer Therapy. <b>2016</b> , 6, 22764	28
488	Dendrimers in drug delivery. <b>2016</b> , 39-74	8

487	Biomimetic and Bioinspired Synthesis of Nanomaterials/Nanostructures. <b>2016</b> , 28, 2099-147	253
486	Synthesis and characterization of a PAMAM-OH derivative containing an acid-labile Ethioipronate bond for gene delivery. <b>2016</b> , 509, 314-327	20
485	Novel naproxen-peptide-conjugated amphiphilic dendrimer self-assembly micelles for targeting drug delivery to osteosarcoma cells. <b>2016</b> , 6, 60327-60335	7
484	pH controlled gating of toxic protein pores by dendrimers. <b>2016</b> , 8, 13045-58	15
483	PAMAM dendrimer based targeted nano-carrier for bio-imaging and therapeutic agents. <b>2016</b> , 6, 63761-63772	33
482	Effect of Dendrimers and Dendriplexes on Model Lipid Membranes. <b>2016</b> , 101-116	
481	A review on comparative study of PPI and PAMAM dendrimers. <b>2016</b> , 18, 1	85
480	Modulated cellular delivery of anti-VEGF siRNA (bevasiranib) by incorporating supramolecular assemblies of hydrophobically modified polyamidoamine dendrimer in stealth liposomes. <b>2016</b> , 510, 30-41	24
479	Stimuli-responsive dendrimers in drug delivery. <b>2016</b> , 4, 375-90	134
478	Synthetic Biomaterials from Metabolically Derived Synthons. <b>2016</b> , 116, 2664-704	55
477	Dendrimer-Based Nanodevices as Contrast Agents for MR Imaging Applications. <b>2016</b> , 249-270	5
476	Dimensional Evolution of Polyphenylenes: Expanding in All Directions. <b>2016</b> , 116, 2103-40	92
475	Micelle-Induced Self-Assembling Protein Nanowires: Versatile Supramolecular Scaffolds for Designing the Light-Harvesting System. <b>2016</b> , 10, 421-8	50
474	Dendronized mesoporous silica nanoparticles provide an internal endosomal escape mechanism for successful cytosolic drug release. <b>2016</b> , 227, 242-251	12
473	Recent Advances in Dendritic Macromonomers for Hydrogel Formation and Their Medical Applications. <b>2016</b> , 17, 1235-52	42
472	Dendrimerized Magnetic Nanoparticles as Carriers for the Anticancer Compound, Epigallocatechin Gallate. <b>2016</b> , 52, 1-5	7
471	Reversible hemostatic properties of sulfobetaine/quaternary ammonium modified hyperbranched polyglycerol. <b>2016</b> , 86, 42-55	80
470	Evaluation of cell viability and T2 relaxivity of fluorescein conjugated SPION-PAMAM third generation nanodendrimers for bioimaging. <b>2016</b> , 62, 544-52	14

469	Subcellular Behaviour Evaluation of Nanopharmaceuticals with Aggregation-Induced Emission Molecules. <b>2016</b> , 4, 2719-2730		11
468	Efficient Demulsification of Diesel-in-Water Emulsions by Different Structural Dendrimer-Based Demulsifiers. <b>2016</b> , 55, 1748-1759		49
467	Stable and pH-responsive polyamidoamine based unimolecular micelles capped with a zwitterionic polymer shell for anticancer drug delivery. <b>2016</b> , 6, 17728-17739		24
466	Synthesis, molecular docking and evaluation of antifungal activity of Ni(II), Co(II) and Cu(II) complexes of porphyrin core macromolecular ligand. <b>2016</b> , 93, 172-9		14
465	Salicylic Acid Conjugated Dendrimers Are a Tunable, High Performance CEST MRI NanoPlatform. <b>2016</b> , 16, 2248-53		33
464	Structure, Synthesis, and Application of Nanoparticles. <b>2016</b> , 19-76		9
463	Boronic acid-modified poly(amidoamine) dendrimers as sugar-sensing materials in water. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 3094-3103	7-3	30
462	IL-6 Antibody and RGD Peptide Conjugated Poly(amidoamine) Dendrimer for Targeted Drug Delivery of HeLa Cells. <b>2016</b> , 120, 123-30		54
461	Generation-dependent effect of PAMAM dendrimers on human insulin fibrillation and thermal stability. <b>2016</b> , 82, 54-60		9
460	Advances in Nanotheranostics I. <b>2016</b> ,		2
459	Structural analysis of small to medium-sized molecules by mass spectrometry after electron-ion fragmentation (ExD) reactions. <b>2016</b> , 141, 794-806		20
458	Functional Dendritic Polymer-Based Nanoscale Vehicles for Imaging-Guided Cancer Therapy. <b>2016</b> , 271-299		
457	Drug loading and release kinetics in polymeric micelles: Comparing dynamic versus unimolecular sugar-based micelles for controlled release. <b>2016</b> , 31, 227-241		19
456	A poly(amidoamine) dendrimer-based nanocarrier conjugated with Angiopep-2 for dual-targeting function in treating glioma cells. <b>2016</b> , 7, 715-721		15
455	Exploiting developments in nanotechnology for the preferential delivery of platinum-based anti-cancer agents to tumours: targeting some of the hallmarks of cancer. <b>2016</b> , 8, 43-60		36
454	Dendrimer-based nanocarriers: a versatile platform for drug delivery. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2017</b> , 9, e1409	9.2	95
453	Cellular internalization and transport of biodegradable polyester dendrimers on a model of the pulmonary epithelium and their formulation in pressurized metered-dose inhalers. <b>2017</b> , 520, 181-194		18
452	Porphyrin-cored dendrimers consisting of novel siloxane-poly (amido amine) dendron-like arms: Synthesis, characterization, and photophysical properties. <b>2017</b> , 520, 222-230		13

451	A theoretical study of the inhibition effect of PAMAM molecule on silica scale. <b>2017</b> , 23, 32	5
450	Dendrimers for fluorescence-based bioimaging. <b>2017</b> , 92, 1157-1166	8
449	Controlling Cellular Uptake and Toxicity of Polyphenylene Dendrimers by Chemical Functionalization. <b>2017</b> , 18, 960-964	11
448	Encapsulation and Residency of a Hydrophobic Dye within the Water-Filled Interior of a PAMAM Dendrimer Molecule. <b>2017</b> , 121, 1930-1940	4
447	Synthetically controlling dendrimer flexibility improves delivery of large plasmid DNA. <b>2017</b> , 8, 2923-2930	77
446	Role of generation on folic acid-modified poly(amidoamine) dendrimers for targeted delivery of baicalin to cancer cells. <b>2017</b> , 75, 182-190	27
445	The Future of Nanoparticle-Directed Venous Therapy. <b>2017</b> , 34, 73-80	3
444	Nanoparticle Bioconjugates: Materials that Benefit from Chemoselective and Bioorthogonal Ligation Chemistries. <b>2017</b> , 543-629	2
443	Targeted delivery of docetaxel via Pi-Pi stacking stabilized dendritic polymeric micelles for enhanced therapy of liver cancer. <b>2017</b> , 75, 1042-1048	16
442	Self-interrupted synthesis of sterically hindered aliphatic polyamide dendrimers. <b>2017</b> , 114, E2275-E2284	22
441	Generation effect of Newkome dendrimers on cellular uptake. <b>2017</b> , 113, 67-73	4
440	Dendrimer-conjugated iron oxide nanoparticles as stimuli-responsive drug carriers for thermally-activated chemotherapy of cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 155, 182-192 <sup>6</sup>	33
439	Alpha-Tocopheryl Succinate-Conjugated G5 PAMAM Dendrimer Enables Effective Inhibition of Ulcerative Colitis. <b>2017</b> , 6, 1700276	18
438	Dynamics of Branched Polymers in Random Layered Flows with Intramolecular Hydrodynamic Coupling: Star and Dendrimer. <b>2017</b> , 26, 1700009	1
437	Quantitative interpretation of PAMAM dendrimers adsorption on silica surface. <b>2017</b> , 503, 86-94	21
436	Improved intestinal absorption of water-soluble drugs by acetylation of G2 PAMAM dendrimer nanocomplexes in rat. <i>Drug Delivery and Translational Research</i> , <b>2017</b> , 7, 408-415	6.2 4
435	Graphene materials as 2D non-viral gene transfer vector platforms. <b>2017</b> , 24, 123-132	46
434	Fabrication of Low-Generation Dendrimers into Nanostructures for Efficient and Nontoxic Gene Delivery. <b>2017</b> , 375, 62	16

433	Nanomedicine-based combination anticancer therapy between nucleic acids and small-molecular drugs. <b>2017</b> , 115, 82-97		46
432	Bioinspired from Salivary Acquired Pellicle: A Multifunctional Coating for Biominerals. <b>2017</b> , 29, 5663-5670		22
431	Dendrimer and dendrimer-conjugate protein complexes and protein coronas. <b>2017</b> , 95, 903-906		3
430	Perspectives on dendritic architectures and their biological applications: From core to cell. <b>2017</b> , 173, 61-83		10
429	Dendrimer-conjugated peptide vaccine enhances clearance of Chlamydia trachomatis genital infection. <b>2017</b> , 527, 79-91		38
428	A simple dendrimer-aptamer based microfluidic platform for E. coli O157:H7 detection and signal intensification by rolling circle amplification. <b>2017</b> , 251, 976-984		45
427	Beware of phosphate: evidence of specific dendrimer-phosphate interactions. <b>2017</b> , 19, 11540-11548		6
426	Dendrimer functional hydroxyapatite nanoparticles generated by functionalization with siloxane-cored PAMAM dendrons. <b>2017</b> , 500, 105-112		17
425	Preparation of core-crosslinked linear-dendritic copolymer micelles with enhanced stability and their application for drug solubilisation. <b>2017</b> , 523, 260-269		8
424	Dendritic nanotubes self-assembled from stiff polysaccharides as drug and probe carriers. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 2616-2624	7.3	25
423	Synthesis of silica-PAMAM dendrimer nanoparticles as promising carriers in Neuro blastoma cells. <b>2017</b> , 519, 1-7		32
422	Fine-tuning Nanocarriers Specifically toward Cargo: A Competitive Study on Solubilizing Related Photosensitizers for Photodynamic Therapy. <i>Bioconjugate Chemistry</i> , <b>2017</b> , 28, 760-767	6.3	17
421	Mix and Match: Coassembly of Amphiphilic Dendrimers and Phospholipids Creates Robust, Modular, and Controllable Interfaces. <b>2017</b> , 9, 1029-1035		15
420	Recent progress and advances in redox-responsive polymers as controlled delivery nanoplatfoms. <b>2017</b> , 1, 807-822		93
419	DACHPT-Loaded Unimolecular Micelles Based on Hydrophilic Dendritic Block Copolymers for Enhanced Therapy of Lung Cancer. <b>2017</b> , 9, 112-119		36
418	Targeting nanocarriers containing antisense oligonucleotides to cancer cell. <b>2017</b> , 37, 97-114		10
417	Nanoengineered strategies for siRNA delivery: from target assessment to cancer therapeutic efficacy. <i>Drug Delivery and Translational Research</i> , <b>2017</b> , 7, 346-358	6.2	19
416	Synthesis and binding monitoring of a new nanomolar PAMAM-based matrix metalloproteinases inhibitor (MMPis). <b>2017</b> , 25, 523-527		3

415	Nanotoxicological and teratogenic effects: A linkage between dendrimer surface charge and zebrafish developmental stages. <b>2017</b> , 337, 1-11		26
414	Activated Microglia Targeting Dendrimer-Minocycline Conjugate as Therapeutics for Neuroinflammation. <i>Bioconjugate Chemistry</i> , <b>2017</b> , 28, 2874-2886	6.3	49
413	Riboflavin-Conjugated Multivalent Dendrimer Platform for Cancer-Targeted Drug and Gene Delivery. <b>2017</b> , 145-171		2
412	Undulating the Lamellar Interface of Polymer-Surfactant Complex by Dendrimer. <b>2017</b> , 50, 6501-6508		4
411	Polymeric Vectors for Strategic Delivery of Nucleic Acids. <b>2017</b> , 07, 1730003		2
410	Nano-sized metabolic precursors for heterogeneous tumor-targeting strategy using bioorthogonal click chemistry in vivo. <b>2017</b> , 148, 1-15		36
409	Nanosize Dendrimers: Potential Use as Carriers and Antimicrobials. <b>2017</b> , 323-355		3
408	Micro-hydrogel Particles Consisting of Hyperbranched Polyamidoamine for the Removal of Heavy Metal Ions from Water. <b>2017</b> , 7, 10012		6
407	Introduction. <b>2017</b> , 1-39		
406	Poly(amidoamine) dendrimers grafted on electrospun poly(acrylic acid)/poly(vinyl alcohol) membranes for host-guest encapsulation of antioxidant thymol. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 6776-6785	7.3	14
405	Evolution and Clinical Translation of Drug Delivery Nanomaterials. <b>2017</b> , 15, 91-106		143
404	Design and Characterization of a Therapeutic Non-phospholipid Liposomal Nanocarrier with Osteoinductive Characteristics To Promote Bone Formation. <b>2017</b> , 11, 8055-8063		25
403	Synthesis of a novel structure for the oral delivery of insulin and the study of its effect on diabetic rats. <b>2017</b> , 186, 43-49		11
402	Dendrimers in Targeting and Delivery of Drugs. <b>2017</b> , 363-388		16
401	Dendrimer-encapsulated nanoparticle-core micelles as a modular strategy for particle-in-a-box-in-a-box nanostructures. <b>2017</b> , 9, 18619-18623		20
400	MMP-2-Sensitive HA End-Conjugated Poly(amidoamine) Dendrimers via Click Reaction To Enhance Drug Penetration into Solid Tumor. <b>2017</b> , 9, 42459-42470		68
399	Dendrimeric Thin-Film Composite Membranes: Free Volume, Roughness, and Fouling Resistance. <b>2017</b> , 56, 14337-14349		11
398	Designing Polymer Micelles of Controlled Size, Stability, and Functionality for siRNA Delivery. <b>2017</b> , 35-70		1



397	Synthesis and in Vitro Evaluation of Monodisperse Amino-Functional Polyester Dendrimers with Rapid Degradability and Antibacterial Properties. <b>2017</b> , 18, 4323-4330		25
396	Design and Biomedical Applications of Poly(amidoamine)-Dendrimer-Based Hybrid Nanoarchitectures. <b>2017</b> , 1, 1700224		38
395	Nanostructures in transdermal drug delivery systems. <b>2017</b> , 639-668		5
394	Design of a Peripheral Building Block for H-Bonded Dendritic Frameworks and Analysis of the Void Space in the Bulk Dendrimers. <b>2017</b> , 7, 3649		5
393	Complexation of nicotinic acid with first generation poly(amidoamine) dendrimers: A microscopic view from density functional theory. <b>2017</b> , 684, 103-112		12
392	pH-Responsive polymers. <b>2017</b> , 8, 144-176		567
391	Nanostructured glycan architecture is important in the inhibition of influenza A virus infection. <b>2017</b> , 12, 48-54		98
390	The effect of PAMAM dendrimer concentration, generation size and surface functional group on the aqueous solubility of candesartan cilexetil. <i>Pharmaceutical Development and Technology</i> , <b>2017</b> , 22, 111-121	3-4	20
389	Raman and NMR kinetics study of the formation of amidoamines containing N-hydroxyethyl groups and investigations on their Cu(II) complexes in water. <b>2017</b> , 171, 515-524		9
388	Spectroscopic and calorimetric studies on the interaction between PAMAM G4-OH and 5-fluorouracil in aqueous solutions. <b>2017</b> , 171, 401-405		18
387	Anticancer Agents: Polymeric Nanomedicines. <b>2017</b> , 58-82		
386	Natural Antimicrobial Peptides as Inspiration for Design of a New Generation Antifungal Compounds. <b>2017</b> , 3,		62
385	Impact of Dendrimers on Solubility of Hydrophobic Drug Molecules. <b>2017</b> , 8, 261		105
384	Biodegradable polymeric nanostructures: design and advances in oral drug delivery for neurodegenerative disorders. <b>2017</b> , 61-86		4
383	Effect of Polymer-Based Nanoparticles on the Assay of Antimicrobial Drug Delivery Systems. <b>2017</b> , 67-108		40
382	Drug delivery system based on dendritic nanoparticles for enhancement of intravesical instillation. <b>2017</b> , 12, 7365-7374		11
381	Development of a Topical Resveratrol Formulation for Commercial Applications Using Dendrimer Nanotechnology. <i>Molecules</i> , <b>2017</b> , 22,	4.8	46
380	Dendrimers as Nanocarriers for Nucleic Acid and Drug Delivery in Cancer Therapy. <i>Molecules</i> , <b>2017</b> , 22,	4.8	340

379	Polyamidoamine (PAMAM) Dendrimers Modified with Cathepsin-B Cleavable Oligopeptides for Enhanced Gene Delivery. <b>2017</b> , 9,	18
378	Adamantane in Drug Delivery Systems and Surface Recognition. <i>Molecules</i> , <b>2017</b> , 22,	4.8 65
377	Supramolecular Assemblies of Dendrimers and Dendritic Polymers in Nanomedicine. <b>2017</b> , 237-256	3
376	Medicinal Applications of Dendrimers. <b>2017</b> , 47-87	
375	pH and generation dependent morphologies of PAMAM dendrimers on a graphene substrate. <b>2018</b> , 14, 1925-1938	15
374	Exploring the trans-membrane dynamic mechanisms of single polyamidoamine nano-drugs a "force tracing" technique.. <b>2018</b> , 8, 8626-8630	6
373	Recent advances in aptamer-armed multimodal theranostic nanosystems for imaging and targeted therapy of cancer. <b>2018</b> , 117, 301-312	38
372	Design, Synthesis, and Biological Evaluations of Asymmetric Bow-Tie PAMAM Dendrimer-Based Conjugates for Tumor-Targeted Drug Delivery. <b>2018</b> , 3, 3717-3736	21
371	Self-Assembly of Electrostatic Cocrystals from Supercharged Fusion Peptides and Protein Cages. <b>2018</b> , 7, 318-323	30
370	Recent advances and development in epidermal and dermal drug deposition enhancement technology. <b>2018</b> , 57, 646-660	47
369	Recent progress in dendrimer-based nanomedicine development. <b>2018</b> , 41, 571-582	82
368	Impact of Cu(II) and Zn(II) ions on the functional properties of new PAMAM metallodendrimers. <b>2018</b> , 42, 7853-7862	19
367	Advances in thermosensitive polymer-grafted platforms for biomedical applications. <b>2018</b> , 92, 1016-1030	41
366	Electrochemical sensors and biosensors for the analysis of antineoplastic drugs. <b>2018</b> , 108, 27-37	59
365	Sodiumoxy(aminopropyl)alkoxysilanes - AB2 type monomers for the synthesis of hyperbranched poly(aminopropyl)alkoxysiloxanes and their derivatives. <b>2018</b> , 859, 24-32	7
364	Collapse of DNA in packaging and cellular transport. <b>2018</b> , 109, 36-48	21
363	PAMAM Dendrimer Functionalized Manganese Ferrite Magnetic Nanoparticles: Microwave-Assisted Synthesis and Characterization. <b>2018</b> , 28, 2100-2107	15
362	Build-up enhancement of photoluminescence from phenylazomethine bismuth dendrimer using Bi(OTf) <sub>3</sub> . <b>2018</b> , 20, 1	4

361	Redox-stimuli-responsive drug delivery systems with supramolecular ferrocenyl-containing polymers for controlled release. <b>2018</b> , 364, 51-85		84
360	Effect of pH on Eosin Y/PAMAM interactions studied from absorption spectroscopy and molecular dynamics simulations. <b>2018</b> , 199, 258-265		8
359	PAMAM-modified citric acid-coated magnetic nanoparticles as pH sensitive biocompatible carrier against human breast cancer cells. <b>2018</b> , 44, 1377-1384		43
358	Water-soluble porphyrin-PAMAM-conjugates of melphalan and their anticancer activity. <b>2018</b> , 44, 1342-1349		6
357	Partially PEGylated PAMAM dendrimers as solubility enhancers of Silybin. <i>Pharmaceutical Development and Technology</i> , <b>2018</b> , 23, 689-696	3-4	21
356	Spectroscopic and Calorimetric Studies of Molecular Recognitions in a Dendrimer-Surfactant Complex. <b>2018</b> , 34, 817-825		10
355	Polymeric Surfactants and Emerging Alternatives used in the Demulsification of Produced Water: A Review. <b>2018</b> , 58, 63-101		86
354	Dendrimers: Breaking the paradigm of current musculoskeletal autoimmune therapies. <b>2018</b> , 12, e1796-e1812		5
353	Synthesis of Cationic Amphiphilic Surface-Block Polyester Dendrimers. <b>2018</b> , 28, 383-398		1
352	Interaction of colon cancer cells with glycoconjugates triggers complex changes in gene expression, glucose transporters and cell invasion. <b>2018</b> , 17, 5508-5517		2
351	Functional protein nanostructures: a chemical toolbox. <b>2018</b> , 47, 9069-9105		61
350	New dendritic ionic liquids (DILs) for the extraction of metallic species from water. <b>2018</b> , 42, 18010-18020		9
349	Promising Use of Cyclodextrin-Based Non-Viral Vectors for Gene and Oligonucleotide Drugs. <b>2018</b> ,		1
348	Targeting Groups Employed in Selective Dendrons and Dendrimers. <b>2018</b> , 10,		8
347	Modulation of Electroosmotic Flow through Skin: Effect of Poly(Amidoamine) Dendrimers. <b>2018</b> , 26, 182-190		2
346	Physical modification of carbon nanotubes with a dendrimer bearing terminal mercaptoundecahydrododecaborates (Na <sub>2</sub> B <sub>12</sub> H <sub>11</sub> S). <b>2018</b> , e21467		5
345	Application of Dendrimers for the Treatment of Infectious Diseases. <i>Molecules</i> , <b>2018</b> , 23,	4.8	49
344	Use of Polyamidoamine Dendrimers in Brain Diseases. <i>Molecules</i> , <b>2018</b> , 23,	4.8	35

343	Dendrimers. <b>2018</b> , 1-58		1
342	One-step phosphorylated poly(amide-amine) dendrimer loaded with apigenin for simultaneous remineralization and antibacterial of dentine. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 172, 760-768	6	22
341	Light-dependent photocurrent generation: Novel electrochemical communication between biofilm and electrode by ferrocene cored Poly(amidoamine) dendrimers. <b>2018</b> , 291, 41-48		16
340	Properties of Bioconjugates of Streptokinase with Anionic Polyamidoamine Dendrimers of Various Generations. <b>2018</b> , 44, 528-537		1
339	Superparamagnetic nanoparticles for drug delivery. <b>2018</b> , 843-859		2
338	Dendrimers as Drug Nanocarriers: The Future of Gene Therapy and Targeted Therapies in Cancer. <b>2018</b> ,		10
337	Preferential and Increased Uptake of Hydroxyl-Terminated PAMAM Dendrimers by Activated Microglia in Rabbit Brain Mixed Glial Culture. <i>Molecules</i> , <b>2018</b> , 23,	4.8	18
336	PAMAM dendrimers as efficient drug and gene delivery nanosystems for cancer therapy. <b>2018</b> , 12, 177-190		188
335	Cationic poly(ester amide) dendrimers: alluring materials for biomedical applications. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 3956-3968	7.3	9
334	Nanocomposites for therapeutic application in multiple sclerosis. <b>2018</b> , 391-408		9
333	Functionalization of Halloysite Nanotubes via Grafting of Dendrimer for Efficient Intracellular Delivery of siRNA. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 2606-2618	6.3	44
332	HSA loaded with CoFe <sub>2</sub> O <sub>4</sub> /MNPs as a high-efficiency carrier for epirubicin anticancer drug delivery. <b>2018</b> , 12, 336-342		11
331	Nanotechnology in Brain Tumor Targeting. <b>2018</b> , 111-145		2
330	Chloroquine in combination with aptamer-modified nanocomplexes for tumor vessel normalization and efficient erlotinib/Survivin shRNA co-delivery to overcome drug resistance in EGFR-mutated non-small cell lung cancer. <b>2018</b> , 76, 257-274		40
329	Dendronized Systems for the Delivery of Chemotherapeutics. <b>2018</b> , 139, 85-120		4
328	Preparation and Properties of Poly(amidoamine) Dendrimer/Quaternary Ammonium Chitosan Hydrogels. <b>2018</b> , 33, 736-743		3
327	Understanding Effects of PAMAM Dendrimer Size and Surface Chemistry on Serum Protein Binding with Discrete Molecular Dynamics Simulations. <b>2018</b> , 6, 11704-11715		30
326	Analyzing PEGylation through Molecular Dynamics Simulations. <i>ChemistrySelect</i> , <b>2018</b> , 3, 8415-8427	1.8	11

325	Highly branched linear-comb random copolyesters of $\epsilon$ -caprolactone and $\delta$ -valerolactone: Isodimorphism, mechanical properties and enzymatic degradation behavior. <b>2018</b> , 155, 173-182		14
324	Cytotoxicity and in vivo plasma kinetic behavior of surface-functionalized PAMAM dendrimers. <b>2018</b> , 14, 2227-2234		21
323	Surface modification and grafting of carbon fibers: A route to better interface. <b>2018</b> , 64, 75-101		28
322	Dendritic molecules and their use in water repellency treatments of textile materials. <b>2018</b> , 191-214		1
321	Mechanisms underlying interactions between PAMAM dendron-grafted surfaces with DPPC membranes.. <b>2018</b> , 8, 24982-24992		
320	Folic acid-modified diatrizoic acid-linked dendrimer-entrapped gold nanoparticles enable targeted CT imaging of human cervical cancer. <b>2018</b> , 9, 564-577		23
319	Generation of Well-Defined Micro/Nanoparticles via Advanced Manufacturing Techniques for Therapeutic Delivery. <b>2018</b> , 11,		13
318	Polyamidoamine Dendrimers for Enhanced Solubility of Small Molecules and Other Desirable Properties for Site Specific Delivery: Insights from Experimental and Computational Studies. <i>Molecules</i> , <b>2018</b> , 23,	4.8	28
317	Conjugate of PAMAM Dendrimer, Doxorubicin and Monoclonal Antibody-Trastuzumab: The New Approach of a Well-Known Strategy. <b>2018</b> , 10,		24
316	A Novel Fluorescent Nanoparticle for Sensitive Detection of Cry1Ab Protein In Vitro and In Vivo. <b>2018</b> , 28, 863-869		4
315	Efficient Binding, Protection, and Self-Release of dsRNA in Soil by Linear and Star Cationic Polymers. <b>2018</b> , 7, 909-915		11
314	Self-Nucleation and Self-Assembly of Highly Fluorescent Au5 Nanoclusters for Bioimaging. <b>2018</b> , 30, 5507-5515		24
313	Using a Simple, Inexpensive Undergraduate Isoelectric Focusing Experiment for Proteins and Nanomolecules To Help Students Understand Isoelectric Point and Its Real-World Applications. <b>2018</b> , 95, 1654-1657		
312	Dendrimer-based strategies for cancer therapy: Recent advances and future perspectives. <b>2018</b> , 61, 1387-1403	44	
311	The Effect of Absorption-Enhancement and the Mechanism of the PAMAM Dendrimer on Poorly Absorbable Drugs. <i>Molecules</i> , <b>2018</b> , 23,	4.8	3
310	Voltage-Activated Adhesion through Donor-Acceptor Dendrimers. <b>2018</b> , 51, 6661-6672		17
309	, a Family of Super Dendrimers with Specific Properties and Applications. <i>Molecules</i> , <b>2018</b> , 23,	4.8	16
308	Intrinsic Fluorescence of PAMAM Dendrimers-Quenching Studies. <b>2018</b> , 10,		9

307	Electron Flow in Large Metallomacromolecules and Electronic Switching of Nanoparticle Stabilization: Click Ferrocenyl Dendromers that Reduce Au to Au Nanoparticles. <b>2018</b> , 24, 12686-12694		7
306	Effect of mannose targeting of hydroxyl PAMAM dendrimers on cellular and organ biodistribution in a neonatal brain injury model. <i>Journal of Controlled Release</i> , <b>2018</b> , 283, 175-189	11.7	50
305	All-atomistic molecular dynamics (AA-MD) studies and pharmacokinetic performance of PAMAM-dendrimer-furosemide delivery systems. <b>2018</b> , 547, 545-555		9
304	Scalable synthesis and validation of PAMAM dendrimer--acetyl cysteine conjugate for potential translation. <b>2018</b> , 3, 87-101		30
303	Synthesis and Catalytic Applications of Multi-Walled Carbon Nanotube-Polyamidoamine Dendrimer Hybrids. <b>2018</b> , 24, 12992-13001		11
302	Poly (amido amine) dendrimer/silver nanoparticles/multi-walled carbon nanotubes/poly (neutral red)-modified electrode for electrochemical determination of paracetamol. <b>2019</b> , 25, 2323-2335		10
301	Smart nanocarrier-based drug delivery systems for cancer therapy and toxicity studies: A review. <i>Journal of Advanced Research</i> , <b>2019</b> , 15, 1-18	13	381
300	Surface-Modified G4 PAMAM Dendrimers Cross the Blood-Brain Barrier Following Multiple Tail-Vein Injections in C57BL/6J Mice. <b>2019</b> , 10, 4145-4150		9
299	A Near-Infrared Triggered Intracellular pH Regulative PAMAM/O-nitrobenzaldehyde Coated UCNPs for Cancer Therapy. <b>2019</b> , 199, 85-94		10
298	A glimpse of biodegradable polymers and their biomedical applications. <b>2019</b> , 19, 385-410		40
297	Click inspired synthesis of hexa and octadecavalent peripheral galactosylated glycodendrimers and their possible therapeutic applications. <b>2019</b> , 43, 12475-12482		13
296	Preparation and evaluation of PAMAM dendrimer-based polymer gels physically cross-linked by hydrogen bonding. <b>2019</b> , 7, 3918-3925		17
295	110 Anniversary: Nanoparticle mediated drug delivery for the treatment of Alzheimer's disease: Crossing the blood-brain barrier. <b>2019</b> , 58, 15079-15087		14
294	The influence of cross-linking agent onto adsorption properties, release behavior and cytotoxicity of doxorubicin-imprinted microparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 182, 110379	6	9
293	Anomalous Stretching Dynamics of Tagged Monomer of Branched Polymer in Layered Random Flows. <b>2019</b> , 177, 936-959		2
292	Devices for promising applications. <b>2019</b> , 247-314		
291	Design of dual drug-loaded dendrimer/carbon dot nano hybrids for fluorescence imaging and enhanced chemotherapy of cancer cells. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 277-285	7.3	38
290	Phase-Change Reversible Absorption of Hydrogen Sulfide by the Superbase 1,5-Diazabicyclo[4.3.0]non-5-ene in Organic Solvents. <b>2019</b> , 58, 1701-1710		2

289	Conformational Properties of PAMAM Dendrimers Adsorbed on the Gold Surface Studied by Molecular Dynamics Simulation. <b>2019</b> , 123, 22603-22613		3
288	Caproyl-Modified G2 PAMAM Dendrimer (G2-AC) Nanocomplexes Increases the Pulmonary Absorption of Insulin. <b>2019</b> , 20, 298		5
287	Multicomponent Conjugates of Anticancer Drugs and Monoclonal Antibody with PAMAM Dendrimers to Increase Efficacy of HER-2 Positive Breast Cancer Therapy. <b>2019</b> , 36, 154		39
286	A highly adhesive flexible strain sensor based on ultra-violet adhesive filled by graphene and carbon black for wearable monitoring. <b>2019</b> , 182, 107771		19
285	Crystalline Facet-Directed Generation Engineering of Ultrathin Platinum Nanodendrites. <b>2019</b> , 10, 663-671		31
284	Folate-modified and curcumin-loaded dendritic magnetite nanocarriers for the targeted thermo-chemotherapy of cancer cells. <b>2019</b> , 47, 330-340		50
283	Logical design and application of prodrug platforms. <b>2019</b> , 10, 306-324		48
282	Dendrimer-Enabled Therapeutic Antisense Delivery Systems as Innovation in Medicine. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 1938-1950	6.3	23
281	Helux: A Heterofunctional Hyperbranched Poly(amido amine) Carboxylate. <b>2019</b> , 1, 1845-1853		3
280	Understanding the Thermodynamics of the Binding of PAMAM Dendrimers to Graphene: A Combined Analytical and Simulation Study. <b>2019</b> , 35, 9219-9232		10
279	Simple approach for cleaning up 2,4,6-trichloroanisole from alcoholic-beverage-reconstituted solutions using polymeric materials. <b>2019</b> , 25, 327-337		3
278	Effect of surface functionalization on the structural properties of single dendrimers: Monte Carlo simulation study. <b>2019</b> , 168, 40-47		3
277	Dendrimers. <b>2019</b> , 289-345		3
276	Synthesis and characterization of polylactide-PAMAM Janus-type linear-dendritic hybrids. <b>2019</b> , 57, 1448-1459		5
275	Multistimuli-responsive magnetic assemblies. <b>2019</b> , 155-193		3
274	Improved tumor targeting and penetration by a dual-functional poly(amidoamine) dendrimer for the therapy of triple-negative breast cancer. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 3724-3736	7.3	21
273	Orally delivered nanoparticle drug-delivery systems for dental applications and their systemic toxicity. <b>2019</b> , 595-616		
272	Effects of Poly(Amidoamine) Dendrimer-Coated Mesoporous Bioactive Glass Nanoparticles on Dentin Remineralization. <b>2019</b> , 9,		11

271	The evolution of dendrimers to composite dendrimers: a review of the state of the art. <b>2019</b> , 217-249		5
270	BR2 and CyLoP1 enhance in-vivo SN38 delivery using pegylated PAMAM dendrimers. <b>2019</b> , 564, 77-89		13
269	Facile preparation of functionalized poly(amidoamine)s with biocidal activity on wood substrates. <b>2019</b> , 116, 232-241		5
268	Smart dendrimers: Synergizing the targeting of anticancer bioactives. <b>2019</b> , 52, 15-26		21
267	Label-Free Fluorescent Poly(amidoamine) Dendrimer for Traceable and Controlled Drug Delivery. <b>2019</b> , 20, 2148-2158		11
266	PAMAM/polyhedral nanogold-modified probes with DNAase catalysis for the amperometric electrochemical detection of metastasis-associated lung adenocarcinoma transcript <sup>1</sup> . <b>2019</b> , 13, 21		8
265	Molecular Dynamics Simulations of PAMAM and PPI Dendrimers Using the GROMOS-Compatible 2016H66 Force Field. <b>2019</b> , 59, 1444-1457		12
264	Novel ultrafiltration membranes with the least fouling properties for the treatment of veterinary antibiotics in the pharmaceutical wastewater. <b>2019</b> , 30, 1716-1723		11
263	Smart triblock dendritic unimolecular micelles as pioneering nanomaterials: Advancement pertaining to architecture and biomedical applications. <i>Journal of Controlled Release</i> , <b>2019</b> , 299, 64-89	11.7	22
262	Adsorption studies of Cu(II) ions on dendrimer-grafted silica-based materials. <b>2019</b> , 281, 176-185		18
261	A Systematic Study of Cu Nanospheres Embedded in Non-ionic Surfactant-Based Vesicle: Photocatalytic Efficiency and In Vivo Imaging Study. <b>2019</b> , 30, 561-570		5
260	Reductively cleavable polymer-drug conjugates based on dendritic polyglycerol sulfate and monomethyl auristatin E as anticancer drugs. <i>Journal of Controlled Release</i> , <b>2019</b> , 300, 13-21	11.7	15
259	Zagreb Polynomials and redefined Zagreb indices of nanostar dendrimers. <b>2019</b> , 17, 31-40		7
258	Direct Surface Functionalization of Cellulose Nanocrystals with Hyperbranched Polymers through the Anionic Polymerization for pH-Responsive Intracellular Drug Delivery. <b>2019</b> , 7, 19202-19212		23
257	Dendrimer-Based Drug Delivery Systems for Brain Targeting. <b>2019</b> , 9,		58
256	Ribbon Phase of DendrimerSurfactant Complexes. <b>2019</b> , 52, 9177-9185		1
255	The potential of dendrimer in delivery of therapeutics for dentistry. <b>2019</b> , 5, e02544		29
254	Biotin functionalized PEGylated poly(amidoamine) dendrimer conjugate for active targeting of paclitaxel in cancer. <b>2019</b> , 557, 329-341		40



253	Polymeric Nanomaterials. <b>2019</b> , 557-653		12
252	Antimicrobial efficacy and mechanism of action of poly(amidoamine) (PAMAM) dendrimers against opportunistic pathogens. <b>2019</b> , 53, 500-507		22
251	Administration Routes for Nano Drugs and Characterization of Nano Drug Loading. <b>2019</b> , 587-625		6
250	Dendrimer based theranostic nanostructures for combined chemo- and photothermal therapy of liver cancer cells in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 173, 698-708	6	58
249	Hydrogel Nanocomposite Systems. <b>2019</b> , 319-349		5
248	Application and Perspective of pH-Responsive Nano Drug Delivery Systems. <b>2019</b> , 15-33		5
247	Nanobased Nano Drug Delivery: A Comprehensive Review. <b>2019</b> , 69-92		15
246	Transdermal and Intravenous Nano Drug Delivery Systems. <b>2019</b> , 499-550		18
245	Nanotechnology-based combinational drug delivery systems for breast cancer treatment. <b>2019</b> , 68, 859-869	11	
244	Recent pros and cons of nanomaterials in drug delivery systems. <b>2020</b> , 69, 1090-1100		2
243	Bioactivity and molecular docking of synthesized macromolecular ligand and its complex. <b>2020</b> , 13, 4586-4593		o
242	A glance over doxorubicin based-nanotherapeutics: From proof-of-concept studies to solutions in the market. <i>Journal of Controlled Release</i> , <b>2020</b> , 317, 347-374	11.7	33
241	Effective Cellular Delivery of Antisense Peptide Nucleic Acid by Conjugation to Guanidinylated Diaminobutanoic Acid-Based Peptide Dendrons. <b>2020</b> , 21, 472-483		8
240	Poly(Amidoamine) Dendrimers for Carbon Capture. <b>2020</b> , 267-296		
239	Design, synthesis, characterization and catechol oxidase activity of novel class of multi-tripodal pyrazole and triazole-based derivatives. <b>2020</b> , 46, 1453-1467		1
238	Dendrimers in the context of nanomedicine. <b>2020</b> , 573, 118814		70
237	The role of terminal groups in dendrimer systems for the treatment of organic contaminants in aqueous environments. <b>2020</b> , 250, 119494		9
236	Dendrimers for anticancer drug delivery. <b>2020</b> , 131-150		8

235	Functionalization of PAMAM dendrimers with curcumin: Synthesis, characterization, fluorescent improvement and application on PET polymer. <b>2020</b> , 174, 108081	10
234	A concise review of metallic nanoparticles encapsulation methods and their potential use in anticancer therapy and medicine. <b>2020</b> , 154, 153-165	11
233	Drug Delivery Systems. <b>2020</b> , 1237-1266	5
232	Treatment of Breast Cancer-Bearing BALB/c Mice with Magnetic Hyperthermia using Dendrimer Functionalized Iron-Oxide Nanoparticles. <b>2020</b> , 10,	25
231	Self-Assembled Polyester Dendrimer/Cellulose Nanofibril Hydrogels with Extraordinary Antibacterial Activity. <b>2020</b> , 12,	5
230	Droplet Microarray Based on Nanosensing Probe Patterns for Simultaneous Detection of Multiple HIV Retroviral Nucleic Acids. <b>2020</b> , 12, 55614-55623	8
229	Asymmetric modification of cellulose nanocrystals with PAMAM dendrimers for the preparation of pH-responsive hairy surfaces. <b>2020</b> , 249, 116779	8
228	Treatment of Lasalocid A, Salinomycin and Semduramicin as ionophore antibiotics in pharmaceutical wastewater by PAMAM-coated membranes. <b>2020</b> , 20, 101103	8
227	Covalent Functionalization of Graphene with PAMAM Dendrimer and Its Implications on Graphene $\pi$ Dispersion and Cytotoxicity. <b>2020</b> , 2, 3587-3600	6
226	Self-Assembling PCL-PAMAM Linear Dendritic Block Copolymers (LDBC)s for Bioimaging and Phototherapeutic Applications.. <b>2020</b> , 3, 5664-5677	13
225	Surface modified PAMAM dendrimers with gallic acid inhibit, cell proliferation, cell migration and inflammatory response to augment apoptotic cell death in human colon carcinoma cells. <b>2021</b> , 39, 6853-6869	3
224	Synthesis and characterization of cyclen cored photoactive star compounds and their Cu(I) and Cu(II) complexes. Effect of the valence and ligand size on their molar extinction coefficient. <b>2020</b> , 513, 119927	1
223	Application of nano-based systems for drug delivery and targeting: a review. <b>2020</b> , 22, 1	19
222	Polyamidoamine-based nanovector for the efficient delivery of methotrexate to U87 glioma cells. <b>2020</b> , 15, 2771-2784	3
221	Structural and Surface Properties of Polyamidoamine (PAMAM) [Fatty Acid-based Nanoaggregates Derived from Self-assembling Janus Dendrimers. <b>2020</b> , 6, 1833-1842	4
220	The Topological Aspects of Phthalocyanines and Porphyrins Dendrimers. <b>2020</b> , 8, 168631-168649	9
219	DOX sensitized upconversion metal-organic frameworks for the pH responsive release and real-time detection of doxorubicin hydrochloride.. <b>2020</b> , 10, 33894-33902	
218	Applications and Limitations of Dendrimers in Biomedicine. <i>Molecules</i> , <b>2020</b> , 25,	4.8 86

217	Modulating Interdendrimer Interactions through Surface Adsorption. <b>2020</b> , 36, 5492-5501		1
216	Starburst pamam dendrimers: Synthetic approaches, surface modifications, and biomedical applications. <b>2020</b> , 13, 6009-6039		23
215	Advanced in developmental organic and inorganic nanomaterial: a review. <b>2020</b> , 11, 328-355		75
214	Recent advances of iridium(III) metallophosphors for health-related applications. <b>2020</b> , 413, 213267		50
213	Antifungal Peptides as Therapeutic Agents. <b>2020</b> , 10, 105		65
212	Effects of generation number, spacer length and temperature on the structure and intramolecular dynamics of siloxane dendrimer melts: molecular dynamics simulations. <b>2020</b> , 16, 3792-3805		6
211	Host-guest complexation of curcumin and coumarin 6 with PAMAM-OH: Insight from fluorescence spectroscopy and molecular dynamics simulations. <b>2020</b> , 222, 117182		2
210	Zwitterionic Unimolecular Micelles with pH and Temperature Response: Enhanced Circulation Stability and Tumor Therapeutic Efficiency. <b>2020</b> , 36, 3356-3366		11
209	Dendrimers for drug delivery purposes. <b>2020</b> , 201-242		0
208	Studies of nanoparticle delivery with bio-engineered microtissues. <b>2020</b> , 5, 924-937		23
207	Recent advances in dendrimer-based nanoplatfrom for cancer treatment: A review. <b>2020</b> , 126, 109546		48
206	Natural protein bioinspired materials for regeneration of hard tissues. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 2199-2215	7.3	21
205	Amphiphilic Polyphenylene Dendron Conjugates for Surface Remodeling of Adenovirus 5. <b>2020</b> , 132, 5761-5769		1
204	Antiviral potential of 3'-sialyllactose- and 6'-sialyllactose-conjugated dendritic polymers against human and avian influenza viruses. <b>2020</b> , 10, 768		23
203	Methods for synthesis of nanocontainers. <b>2020</b> , 19-48		
202	Emerging Applications of Drug Delivery Systems in Oral Infectious Diseases Prevention and Treatment. <i>Molecules</i> , <b>2020</b> , 25,	4.8	34
201	Amphiphilic Polyphenylene Dendron Conjugates for Surface Remodeling of Adenovirus 5. <b>2020</b> , 59, 5712-5720		14
200	Synthesis and structural characterization of lignin/silica hybrid nanoparticles functionalized with sulfonic acid-terminated polyamidoamine. <b>2020</b> , 54, 249-268		3

199	Functional DNA-based hydrogel intelligent materials for biomedical applications. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 1991-2009	7-3	28
198	A pilot study of the antiviral activity of anionic and cationic polyamidoamine dendrimers against the Middle East respiratory syndrome coronavirus. <b>2020</b> , 92, 1665-1670		25
197	The Role of Branch Cell Symmetry and Other Critical Nanoscale Design Parameters in the Determination of Dendrimer Encapsulation Properties. <b>2020</b> , 10,		26
196	In situ synthesis of polyamidoamine/Ecyclodextrin/silver nanocomposites on polyester fabric tailoring drug delivery and antimicrobial properties. <b>2020</b> , 152, 104602		5
195	Auto-fluorescent PAMAM-based dendritic molecules and their potential application in pharmaceutical sciences. <b>2020</b> , 579, 119187		2
194	Covalent and noncovalent films made up of sulfonimide-based dendrimers. <b>2021</b> , 535, 146345		2
193	Self-Synthesizing Nanorods from Dynamic Combinatorial Libraries against Drug Resistant Cancer. <b>2021</b> , 133, 3099-3107		1
192	Oligomers of Cyclic Oligochalcogenides for Enhanced Cellular Uptake. <b>2021</b> , 22, 253-259		4
191	Hyperbranched poly(glycerol esteramide): A biocompatible drug carrier from glycerol feedstock and dicarboxylic acid. <b>2021</b> , 138, 50126		2
190	Self-Synthesizing Nanorods from Dynamic Combinatorial Libraries against Drug Resistant Cancer. <b>2021</b> , 60, 3062-3070		5
189	Evaluation of the interaction of a guanylhydrazone derivative with cobalt ferrite nanoparticles and PAMAM electrochemical and UV/visible spectroscopic techniques. <b>2021</b> , 25, 743-752		1
188	Nanomedicine in pulmonary delivery. <b>2021</b> , 319-354		2
187	A review on synthesis and applications of dendrimers. <b>2021</b> , 18, 503-517		18
186	Application of Metal Oxide Nanomaterials in Agriculture: Benefit or Bane?. <b>2021</b> , 231-248		
185	Dendrimer for solubility enhancement. <b>2021</b> , 273-283		6
184	Lipophilic Peptide Dendrimers for Delivery of Splice-Switching Oligonucleotides. <b>2021</b> , 13,		3
183	Dendrimers: A Novel Nanomaterial. <b>2021</b> , 411-449		
182	Conclusion and future considerations of dendrimers. <b>2021</b> , 449-458		7

181	Advances in delivery of nanomedicines and theranostics for targeting breast cancer. <b>2021</b> , 387-407		
180	Nanomedicine for combinational anticancer drug therapeutics: Recent advances, challenges, and future perspectives. <b>2021</b> , 3-16		1
179	Smart polymer composites in drug delivery. <b>2021</b> , 261-294		0
178	Preparation and swelling behavior of end-linked hydrogels prepared from linear poly(ethylene glycol) and dendrimer-star polymers. <b>2021</b> , 41, 202-210		1
177	Construction of Poly(amidoamine) Dendrimer/Carbon Dot Nanohybrids for Biomedical Applications. <b>2021</b> , 21, e2100007		6
176	Dendrimers: A New Race of Pharmaceutical Nanocarriers. <b>2021</b> , 2021, 8844030		18
175	Applications of Dendrimers in Nanomedicine and Drug Delivery: A Review. <b>2021</b> , 31, 2246-2261		22
174	Recent Advances in Preclinical Research Using PAMAM Dendrimers for Cancer Gene Therapy. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	19
173	In Vitro Mineralization of Collagen. <b>2021</b> , 33, e2004418		26
172	Preparation and Characterization of Polyamidoamine G2.0-Hematin as a Biocatalyst for Fabricating Catecholic Gelatin Hydrogel. <b>2021</b> , 2021, 1-13		1
171	Magnetite nanoparticles grafted with murexide-terminated polyamidoamine dendrimers for removal of lead (II) from aqueous solution: synthesis, characterization, adsorption and antimicrobial activity studies. <b>2021</b> , 7, e06600		5
170	Enhancing Permeation of Drug Molecules Across the Skin via Delivery in Nanocarriers: Novel Strategies for Effective Transdermal Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 646554	5.8	22
169	Dermal delivery and follicular targeting of adapalene using PAMAM dendrimers. <i>Drug Delivery and Translational Research</i> , <b>2021</b> , 11, 626-646	6.2	6
168	Nanovectorization of Prostate Cancer Treatment Strategies: A New Approach to Improved Outcomes. <b>2021</b> , 13,		2
167	New Insights into the Binding Site and Affinity of the Interaction between Biotin and PAMAMs-NH via NMR Studies. <b>2021</b> , 125, 4076-4085		1
166	Chlorine-resistant TFN RO membranes containing modified poly(amidoamine) dendrimer-functionalized halloysite nanotubes. <b>2021</b> , 623, 119039		12
165	Laser-assisted nanowetting (LAN): Hierarchical Nanocomposites containing polymer/gold nanorods on breath figure films. <b>2021</b> , 221, 123636		
164	Engineered Fluorescent Carbon Dots and G4-G6 PAMAM Dendrimer Nanohybrids for Bioimaging and Gene Delivery. <b>2021</b> , 22, 2436-2450		9

163	DENDRIMERS IN ANTICANCER TARGETED DRUG DELIVERY: ACCOMPLISHMENTS, CHALLENGES AND DIRECTIONS FOR FUTURE. <b>2021</b> , 9, 4-16	1
162	From Nanoparticles to Cancer Nanomedicine: Old Problems with New Solutions. <b>2021</b> , 11,	10
161	Construction of silver nanoparticles by the triple helical polysaccharide from black fungus and the antibacterial activities. <b>2021</b> , 182, 1170-1178	3
160	One-Component Multifunctional Sequence-Defined Ionizable Amphiphilic Janus Dendrimer Delivery Systems for mRNA. <b>2021</b> , 143, 12315-12327	19
159	Formation of a Hollow Core in Dendrimers in Solvents. <b>2021</b> , 222, 2100085	1
158	Mechanical evaluation of 3D printed biomimetic non-Euclidean saddle geometries mimicking the mantis shrimp. <b>2021</b> , 16,	1
157	Resveratrol: A Vital Therapeutic Agent with Multiple Health Benefits. <b>2021</b> ,	1
156	Supramolecular dendrimers based novel platforms for effective oral delivery of therapeutic moieties. <b>2021</b> , 64, 102647	3
155	Construction of gold nanoparticles by tubular polysaccharide from black fungus and their apoptosis-inducing activities in HepG2 cells. <b>2021</b> , 138, 51537	1
154	Electrochemotherapy of Deep-Seated Tumors: State of Art and Perspectives as Possible "EPR Effect Enhancer" to Improve Cancer Nanomedicine Efficacy. <b>2021</b> , 13,	4
153	Dendrimeric Structures in the Synthesis of Fine Chemicals. <b>2021</b> , 14,	0
152	Functionalized Dendrimer Platforms as a New Forefront Arsenal Targeting SARS-CoV-2: An Opportunity. <b>2021</b> , 13,	3
151	A review on poly(amidoamine) dendrimer encapsulated nanoparticles synthesis and usage in energy conversion and storage applications. <b>2021</b> , 444, 214062	9
150	Ronald C.D. Breslow (1931-2017): A career in review. <b>2021</b> , 115, 104868	0
149	Gallic acid for cancer therapy: Molecular mechanisms and boosting efficacy by nanoscopyal delivery. <b>2021</b> , 157, 112576	12
148	Supramolecular assembly of rifampicin and PEGylated PAMAM dendrimer as a novel conjugate for tuberculosis. <b>2021</b> , 66, 102773	7
147	Color-convertible fluorescent nanoprobe for Parkinson's disease diagnosis. <b>2022</b> , 429, 132368	2
146	Synthesis and Shaping of Core-Shell Tecto Dendrimers for Biomedical Applications. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 225-233	6.3 7

145	Dendrimers: Role in Novel Drug Delivery. <b>2021</b> , 79-97		
144	Nanocarriers for Oral Drug Delivery. <b>2021</b> , 127-151		1
143	Facile Synthesis of Amphiphilic Fluorescent Phosphorus Dendron-Based Micelles as Antiproliferative Agents: First Investigations. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 339-349	6.3	8
142	Dendrimer nomenclature and synthesis methods. <b>2021</b> , 75-94		5
141	Degradable Dendrimers for Drug Delivery. 239-305		4
140	Dendrimer-Based Gene Delivery Systems: Administration Routes and In Vivo Evaluation. 329-354		4
139	Mechanistic Insights into Pore Formation by an Pore Forming Toxin: Protein and Lipid Bilayer Interactions of Cytolysin A. <b>2021</b> , 54, 120-131		5
138	Reduced Graphene Oxide/Mesoporous Silica Nanocarriers for pH-Triggered Drug Release and Photothermal Therapy.. <b>2020</b> , 3, 2577-2587		14
137	Optimization and computational studies evaluating molecular dynamics of EDA cored polymeric dendrimer. <b>2020</b> , 10, 21977		4
136	How students engage in biomimicry. 1-15		2
135	Dendrimers Enabling Synthetic Science to Controlled Organic Nanostructures. <b>2007</b> , 24-1-24-47		4
134	Recent Developments in Boron Neutron Capture Therapy Driven by Nanotechnology. <b>2016</b> , 167-184		3
133	Paramagnetic NMR investigation of dendrimer-based host-guest interactions. <b>2013</b> , 8, e64722		6
132	Understanding the Pharmaceutical Aspects of Dendrimers for the Delivery of Anticancer Drugs. <b>2020</b> , 21, 528-540		10
131	Alzheimer's Disease - Future Therapy Based on Dendrimers. <b>2019</b> , 17, 288-294		21
130	Targeting Breast Cancer Cells with G4 PAMAM Dendrimers and Valproic Acid Derivative Complexes. <b>2020</b> , 20, 1857-1872		3
129	Role of Dendrimer in Drug Solubilisation - A Review. <b>2019</b> , 9, 265-276		1
128	Crosslinked polyurethanes based on hyperbranched polymers. <b>2008</b> , 62, 353-359		6

127	in situ POLYMERIZATION AND CHARACTERIGATION OF HIGH FLUIDITY NYLON 6 CONTAINING LOW CONTENT OF PAMAM UNITS. <b>2008</b> , 008, 288-291		1
126	Miraculous Role of Salicylic Acid in Plant and Animal System. <b>2006</b> , 2, 51-58		29
125	Prolonged drug delivery system of an antifungal drug by association with polyamidoamine dendrimers. <b>2016</b> , 6, 123-7		25
124	Synthesis and Characterization of a Hydroxylated Dendrimeric Gene Delivery Carrier. <b>2007</b> , 28, 1317-1321		8
123	Enhancement of the Transfection Efficiency of Poly(ethylenimine) by Guanidylation. <b>2008</b> , 29, 666-668		14
122	Evaluation of 3D Printer Accuracy in Producing Fractal Structure. <b>2017</b> , 66, 383-389		2
121	Dendrimer-based posaconazole nanoplatform for antifungal therapy. <b>2021</b> , 28, 2150-2159		0
120	The advanced synthetic modifications and applications of multifunctional PAMAM dendritic composites.		1
119	Poly(amidoamine)/cellulose based bio-composites as potential anticancer bio-compatible polymers. 1		1
118	Dendrimers as Non-Viral Vectors in Gene-Directed Enzyme Prodrug Therapy. <i>Molecules</i> , <b>2021</b> , 26, 4.8		1
117	PAMAM and polyester dendrimers as favipiravir nanocarriers: a comparative study using DFT method. <b>2021</b> , 23, 231		5
116	Repression of allo-cell transplant rejection through CIITA ribonuclease P+ hepatocyte. <b>2003</b> , 9, 1077-81		1
115	Antiviral Agents, RNA Viruses (Other than HIV), and Orthopoxviruses. <b>2003</b> , 359-455		
114	Dendrimeric Supramolecular and Supramacromolecular Assemblies. <b>2005</b> ,		1
113	INVESTIGATION OF PAMAM DENDRIMER-MTX COMPLEX: FORMATION AND in vitro RELEASE. <b>2006</b> , 006, 32-36		
112	Dendrimers in Drug and Gene Delivery. <b>2006</b> ,		
111	Pulsed Gradient Spin-Echo NMR. <b>2011</b> , 159-185		
110	Application of dendrimer in targeted drug delivery: recent progress. <b>2011</b> , 31, 96-100		



109	Classes of Peptide-, Glyco-, and Glycopeptide Dendrimers. <b>2012</b> , 29-44	1
108	Definition of Terms and Nomenclature. <b>2012</b> , 9-22	
107	Biofunctional Biomaterials of the Future. 191-206	
106	Dendrimer-Based Prodrugs: Synthesis and Biological Evaluation. 157-206	
105	Nuclear Magnetic Resonance Techniques in the Analysis of Pamam Dendrimer-Based Drug Delivery Systems. 439-461	
104	Synthetic Morphogens and Pro-morphogens for Aided Tissue Regeneration. <b>2013</b> , 43-64	
103	Synthesis and Enhanced Guest-Binding Affinities of Dendrimer-Based Cyclophane Tetramer and Octamer. <b>2013</b> , 03, 33-37	
102	Nanotechnology Applications in Ophthalmology. <b>2013</b> , 195-212	
101	Dendritic Nanomaterials for Therapeutic and Diagnostic Applications. <b>2016</b> , 41-75	
100	Anticancer Agents: Polymeric Nanomedicines. 242-266	
99	Dendrimers: Drug Delivery. 2367-2375	
98	Immunotherapy and Vaccines. <b>2016</b> , 441-464	
97	Emerging Aspects in Dendrimer Research. <b>2016</b> , 189-209	
96	Application of Nanoparticles in Crop Production and Protection. <b>2019</b> , 235-253	1
95	Polyamidoamine dendrimers of the third generation and chlorin e6 nanoconjugates: Nontoxic hybrid polymers with photodynamic activity. 51835	0
94	Remineralization of dentine tubules induced by phosphate-terminated PAMAM dendrimers. <b>2020</b> , 6, e05886	2
93	Investigation of Dendrimer Transfer Behaviors at the Micro-Water/1,2-Dichloroethane Interface Facilitated by Dibenzo-18-Crown-6. <b>2021</b> , 93, 1515-1522	2
92	Introduction to Nanomedicine in Drug Delivery. <b>2020</b> , 3-26	1

91	Dendrimers as Drug Carriers for Cancer Therapy. <b>2020</b> , 245-269		
90	Nanomaterials Interaction with Cell Membranes: Computer Simulation Studies. <b>2021</b> , 189-210		
89	Novel PH Sensitive Nanocarrier Agents Based on Citric Acid Dendrimers Containing Conjugated $\beta$ -Cyclodextrins. <i>Advanced Pharmaceutical Bulletin</i> , <b>2011</b> , 1, 40-7	4.5	38
88	Combining aggregation-induced emission and instinct high-performance of polyarylene ether nitriles via end-capping with tetraphenylethene. <b>2022</b> , 162, 110916		1
87	Biosensor approaches on the diagnosis of neurodegenerative diseases: Sensing the past to the future. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 209, 114479	3.5	0
86	Interaction of polyamidoamine dendrimers and amphiphilic dendrons with lipid membranes. <i>Vestsi Natsyianalmai Akademii Navuk Belarusi Seryia Biialahichnykh Navuk</i> , <b>2021</b> , 66, 497-512	0.2	
85	Cell-Free Biomimetic Mineralization Strategies to Regenerate the Enamel Microstructure. <i>Crystals</i> , <b>2021</b> , 11, 1385	2.3	1
84	Polymeric nanocarriers: A promising tool for early diagnosis and efficient treatment of colorectal cancer. <i>Journal of Advanced Research</i> , <b>2021</b> ,	13	3
83	Synthesis of Open-Resorcinarene Dendrimers with L-serine(ibuprofen) Derivatives. <i>Current Organic Chemistry</i> , <b>2021</b> , 25,	1.7	1
82	On computation of entropy measures for phthalocyanines and porphyrins dendrimers. <i>International Journal of Quantum Chemistry</i> , e26854	2.1	6
81	Conjugation of Gentamicin to Polyamidoamine Dendrimers Improved Anti-bacterial Properties against. <i>Advanced Pharmaceutical Bulletin</i> , <b>2021</b> , 11, 675-683	4.5	
80	Branched, dendritic, and hyperbranched polymers in liquid biopsy device design.. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2022</b> , e1770	9.2	1
79	Dendrimers and dendritic nanoparticles for stimuli-responsive nanomedicine. <b>2022</b> , 119-131		0
78	Critical parameters for design and development of multivalent nanoconstructs: recent trends.. <i>Drug Delivery and Translational Research</i> , <b>2022</b> , 1	6.2	1
77	Reversible Near-Infrared Fluorescence Photoswitching in Aqueous Media by Diarylethene: Toward High-Accuracy Live Optical Imaging.. <i>Small</i> , <b>2022</b> , e2103523	11	1
76	Reaction of Amino-Terminated PAMAM Dendrimers with Carbon Dioxide in Aqueous and Methanol Solutions.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	1
75	Engineering surface patterns on nanoparticles: new insights into nano-bio interactions.. <i>Journal of Materials Chemistry B</i> , <b>2022</b> ,	7.3	3
74	Advances in biomineralization-inspired materials for hard tissue repair. <i>International Journal of Oral Science</i> , <b>2021</b> , 13, 42	27.9	8

73	Nanovehicles and boron clusters. <b>2022</b> , 291-319		0
72	DENDRIMERS: A REVIEW ON ITS SYNTHESIS, TYPES, PROPERTIES AND APPLICATIONS. <i>International Journal of Current Pharmaceutical Research</i> , 21-25	0.2	
71	A Review of Nanotechnology for Treating Dysfunctional Placenta.. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2022</b> , 10, 845779	5.8	0
70	Crossing the Blood-Brain Barrier: Advances in Nanoparticle Technology for Drug Delivery in Neuro-Oncology.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	6
69	Enhanced bioaccessibility of selective PDE4 inhibitor N-(3,4-dihydro-2h-1,5-benzodioxepin-7-yl) pyridine-4-carboxamide using polyamidoamine dendrimer. <i>Journal of the Indian Chemical Society</i> , <b>2022</b> , 99, 100408		0
68	NMR Hydrophilic Metabolomic Analysis of Bacterial Resistance Pathways Using Multivalent Antimicrobials with Challenged and Unchallenged Wild Type and Mutated Gram-Positive Bacteria.. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	0
67	Peptide Multimerization as Leads for Therapeutic Development. <i>Biologics</i> , <b>2022</b> , 2, 15-44		2
66	Cu/Mn catalyzed C-N cross coupling reaction of aryl chlorides and amines promoted by PAMAM dendrimer. <i>Synlett</i> , 33,	2.2	
65	Design and manufacturing of a novel thin-film composite membrane based on polyamidoamine-grafted graphene nanosheets for water treatment. <i>Journal of Water Process Engineering</i> , <b>2022</b> , 47, 102770	6.7	3
64	Dendrimer as a momentous tool in tissue engineering and regenerative medicine.. <i>Journal of Controlled Release</i> , <b>2022</b> ,	11.7	6
63	Biomedical polymers: synthesis, properties, and applications.. <i>Science China Chemistry</i> , <b>2022</b> , 1-66	7.9	11
62	Theoretical evaluation of poly(amidoamine) dendrimers with different peripheral groups as a purinethol drug delivery system in aqueous medium. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2022</b> , 112534 <sup>6</sup>		1
61	On Degree Based Topological Aspects of Some Dendrimers. <i>Polycyclic Aromatic Compounds</i> , 1-12	1.3	1
60	The Preparation, Biodistribution, and Dosimetry of Encapsulated Radio-Scandium in a Dendrimer for Radio-nano-pharmaceutical Application. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2022</b> , In Press,	1.1	
59	Synthetic strategy of dendrimers: A review. <i>Journal of the Indian Chemical Society</i> , <b>2022</b> , 99, 100514		4
58	Electrostatic interactions between cationic dendrimers and anionic model biomembrane. <i>Chemistry and Physics of Lipids</i> , <b>2022</b> , 105214	3.7	
57	Dendrimers as carriers for active targeting of brain tumors. <b>2022</b> , 401-430		
56	Nanocarriers: A boon to the drug delivery systems. <b>2022</b> , 555-584		

55	Vismodegib in PAMAM-dendrimers for potential theragnosis in skin cancer. <i>OpenNano</i> , <b>2022</b> , 7, 100053	8.4	2
54	Multivalent Cucurbituril Dendrons for Cell Membrane Engineering with Supramolecular Receptors. <i>Bioconjugate Chemistry</i> ,	6.3	
53	Surface modifications of Gold Nanoparticles: Stabilization and Recent Applications in Cancer Therapy. <i>Pharmaceutical Development and Technology</i> , 1-33	3.4	1
52	Synthesis of Bifunctional Tris-Dendrimers Conjugated with Ibuprofen and Naproxen. <i>ChemistrySelect</i> , <b>2022</b> , 7,	1.8	1
51	Novel Drug Delivery Systems as an Emerging Platform for Stomach Cancer Therapy. <b>2022</b> , 14, 1576		2
50	Dendrimer-based drug delivery systems: history, challenges, and latest developments. <b>2022</b> , 16,		7
49	Structure-Activity Relationship of Anionic and Cationic Polyamidoamine (PAMAM) Dendrimers against <i>Staphylococcus aureus</i> . <b>2022</b> , 2022, 1-5		
48	Dendrimers for Environmental Remediation. <b>2022</b> , 243-264		0
47	Matrix metalloproteinase enzyme responsive delivery of 5-Fluorouracil using Collagen-I peptide functionalized Dendrimer-Gold nanocarrier. 1-10		0
46	Dendrimers: A Neuroprotective Lead in Alzheimer Disease: A Review on its Synthetic approach and Applications.		0
45	Nano-Formulation Based Intravesical Drug Delivery Systems: An Overview of Versatile Approaches to Improve Urinary Bladder Diseases. <b>2022</b> , 14, 1909		3
44	Overcoming skin barriers through advanced transdermal drug delivery approaches. <b>2022</b> , 351, 361-380		8
43	Mesoporous organosilicas with thiol functionalised pores: multifunctional dendrimers as sacrificial building block and template.		0
42	Development and Optimization of Rofa-Pamam Dendrimer Conjugate Materials for Sustained Drug Delivery.		0
41	Hydrophilic Antimicrobial Coatings for Medical Leathers from Silica-Dendritic Polymer-Silver Nanoparticle Composite Xerogels. <b>2022</b> , 2, 464-485		1
40	Synthesis and evaluation of [ <sup>177</sup> Lu]Lu-labeled porphyrin loaded PAMAM dendrimer: Impact on tumor uptake and pharmacokinetics.		0
39	Polyamidoamine dendrimer-polyethylene glycol hydrogel for solubility enhancement and sustained release of diflunisal. <b>2022</b> , 104, 160-168		0
38	Lipophilic PAMAM dendrimer: Conceptualization of targeted cosmetics and drug delivery. <b>2022</b> , 01,		0

37	Chemical treatment of oilfield wastewater and the effect of temperature on treatment efficiency: A review. <b>2022</b> , 111089	0
36	Hydrogel interfaces for merging humans and machines.	11
35	Molecular Insights Into the Physics of Poly(amidoamine)-Dendrimer-Based Supercapacitors. <b>2022</b> , 18,	0
34	Magnetic triazine-based dendrimer as a versatile nanocarrier for efficient antiviral drugs delivery. <b>2022</b> , 12,	1
33	Development and optimization of RofA-PAMAM dendrimer complex materials for sustained drug delivery. <b>2022</b> , 33, 104881	1
32	Dendritic polymer macromolecular carriers for drug delivery. <b>2023</b> , 289-328	0
31	Synthesis of PAMAM dendrimers anchored to WS2 nano-sheets for controlled delivery of docetaxel: Design, characterization and in vitro drug release. <b>2023</b> , 79, 104066	0
30	Investigation of the binding behavior of PAMAMs-NH <sub>2</sub> dendrimers with ofloxacin via NMR studies. <b>2023</b> , 658, 130625	0
29	Selective targeting of visceral adiposity by polycation nanomedicine. <b>2022</b> , 17, 1311-1321	0
28	NMR Studies of Two Lysine Based Dendrimers with Insertion of Similar Histidine-Arginine and Arginine-Histidine Spacers Having Different Properties for Application in Drug Delivery. <b>2023</b> , 24, 949	1
27	Nanocontainers: A comprehensive review on their application in the stimuli-responsive smart functional coatings. <b>2023</b> , 176, 107389	0
26	Improved Targeting of Therapeutics by Nanocarrier-Based Delivery in Cancer Immunotherapy and Their Future Perspectives.	0
25	Dendrimers in Neurodegenerative Diseases. <b>2023</b> , 11, 319	0
24	Scalable Inhibitors of the Nsp3-Nsp4 Coupling in SARS-CoV-2. <b>2023</b> , 8, 5349-5360	0
23	Polymer-Based Nanostructures for Pancreatic Beta-Cell Imaging and Non-Invasive Treatment of Diabetes. <b>2023</b> , 15, 1215	0
22	Stimuli-responsive Materials in Medical Therapy. <b>2016</b> , 254-286	0
21	Dendritic Polymers in Tissue Engineering: Contributions of PAMAM, PPI PEG and PEI to Injury Restoration and Bioactive Scaffold Evolution. <b>2023</b> , 15, 524	0
20	Self-Assembly of Glycerol-Amphiphilic Janus Dendrimers Amplifies and Indicates Principles for the Selection of Stereochemistry by Biological Membranes.	0

- 19 Approaches to the Functionalization of Organosilicon Dendrones Based on Limonene. **2023**, 13, 2121 ○
- 18 A Review of Protein- and Peptide-Based Chemical Conjugates: Past, Present, and Future. **2023**, 15, 600 1
- 17 Development of a quaternary ammonium poly (amidoamine) dendrimer-based drug carrier for the solubility enhancement and sustained release of furosemide. 11, ○
- 16 Incorporation of Functionalized Halloysite Nanotubes (HNTs) into Thin-Film Nanocomposite (TFN) Nanofiltration Membranes for Water Softening. **2023**, 13, 245 ○
- 15 Dendrimer and dendrimer gel-derived drug delivery systems: Breaking bottlenecks of topical administration of glaucoma medications. **2023**, 2, ○
- 14 Boron nanoparticles in chemotherapy and radiotherapy: the synthesis, state-of-the-art, and prospects. **2022**, 71, 2533-2560 ○
- 13 Advances in Antiviral Delivery Systems and Chitosan-Based Polymeric and Nanoparticulate Antivirals and Antiviral Carriers. **2023**, 15, 647 1
- 12 Dendrimer: An update on recent developments and future opportunities for the brain tumors diagnosis and treatment. 14, ○
- 11 Poly(amidoamine) Dendrimer/Camptothecin Complex: From Synthesis to In Vitro Cancer Cell Line Studies. **2023**, 28, 2696 ○
- 10 Novel Mucoadhesive Polymers for Nasal Drug Delivery. **2023**, 189-234 ○
- 9 Design of Polymeric Surfaces as Platforms for Streamlined Cancer Diagnostics in Liquid Biopsies. **2023**, 13, 400 ○
- 8 Ligation to Scavenging Strategy Enables On-Demand Termination of Targeted Protein Degradation. **2023**, 145, 7218-7229 ○
- 7 Synthesis of dendronized PAMAM grafted ROMP polymers. **2023**, 60, 282-296 ○
- 6 Polypropylene based bio-composites for packaging materials: Physico-mechanical impacts of prepared hyper-branched polyamidoamine and gamma-irradiation. 089270572311699 ○
- 5 An Insight into Advances in Developing Nanotechnology Based Therapeutics, Drug Delivery, Diagnostics and Vaccines: Multidimensional Applications in Tuberculosis Disease Management. **2023**, 16, 581 ○
- 4 Inverse Polyamidoamine (i-PAMAM) Dendrimer Antimicrobials. ○
- 3 Bioaffinity Recovery of Linear CRGDS Peptides Grafted to Zwitterionic PAMAM Nanocarriers. ○
- 2 Complex Helical Self-Organizations and Functions on All Length Scales. From Art, Architecture, Early Machines and Natural Phenomena to Biological and Synthetic Assemblies and Macromolecules. **2023**, 1-121 ○

- 1 Nano drug-delivery systems for management of AIDS: liposomes, dendrimers, gold and silver nanoparticles. **2023**, 18, 279-302

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