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Dendrimer-based drug and imaging conjugates: design considerations for nanomedical applications

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#	Paper	IF	Citations
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671	Synthesis and Aggregation Properties of Dansylated Glycerol-Based Amphiphilic Polyether Dendrons. 2010 , 2010, 5030-5040		6
670	Site-specific conjugation of metal carbonyl dendrimer to antibody and its use as detection reagent in immunoassay. 2010 , 407, 211-9		31
669	Targeted nanoparticulate drug-delivery systems for treatment of solid tumors: a review. 2010 , 1, 713-3	4	21
668	Amino acid-functionalized dendrimers with heterobifunctional chemoselective peripheral groups for drug delivery applications. 2010 , 11, 1544-63		80
667	Intrinsic targeting of inflammatory cells in the brain by polyamidoamine dendrimers upon subarachnoid administration. 2010 , 5, 1317-29		88
666	Effects of PEGylation and acetylation of PAMAM dendrimers on DNA binding, cytotoxicity and in vitro transfection efficiency. 2010 , 7, 1734-46		104
665	Preparation and Characterization of Novel Amphiphilic Hydrogels with Covalently Attached Drugs and Fluorescent Markers. <i>Macromolecules</i> , 2010 , 43, 10017-10030	5.5	61
664	Synthesis of poly(amino)ester dendrimers via active cyanomethyl ester intermediates. 2010 , 75, 8685-8		14
663	Poly(amidoamine) dendrimer based MRI contrast agents exhibiting enhanced relaxivities derived via metal preligation techniques. 2010 , 21, 1014-7		52
662	GPCR ligand-dendrimer (GLiDe) conjugates: future smart drugs?. 2010 , 31, 575-9		17
661	Molecular characterization of the interaction between siRNA and PAMAM G7 dendrimers by SAXS, ITC, and molecular dynamics simulations. 2010 , 11, 3571-7		70
660	Biological assessment of triazine dendrimer: toxicological profiles, solution behavior, biodistribution, drug release and efficacy in a PEGylated, paclitaxel construct. 2010 , 7, 993-1006		45
659	Dendrimers as potential inhibitors of the dimerization of the capsid protein of HIV-1. 2010 , 11, 2069-78		38
658	High-throughput screening of dendrimer-binding drugs. 2010 , 132, 13182-4		53
657	Biphasic interactions between a cationic dendrimer and actin. 2010 , 18, 803-11		14
656	Facile Construction of Multifunctional Nanocarriers Using Sequential Click Chemistry for Applications in Biology. <i>Macromolecules</i> , 2011 , 44, 521-529	5.5	26

655	Dendritic MRI contrast agents: an efficient prelabeling approach based on CuAAC. 2011, 12, 2902-7		35
654	Efficient multigram synthesis of the repeating unit of gallic acid-triethylene glycol dendrimers. 2011 , 13, 4522-5		18
653	"Docking sites": nanometer-scale organization of a reactive, protein-resistant, graft copolymer-based interface for macromolecule immobilization. 2011 , 12, 4213-20		8
652	Injectable PAMAM dendrimer-PEG hydrogels for the treatment of genital infections: formulation and in vivo evaluation. 2011 , 8, 1209-23		76
651	Dendrimers to treat rheumatoid arthritis. 2011 , 5, 6779-85		40
650	Rational chemical design of the next generation of molecular imaging probes based on physics and biology: mixing modalities, colors and signals. 2011 , 40, 4626-48		178
649	Molecular Dynamics Studies of the Size and Internal Structure of the PAMAM Dendrimer Grafted with Arginine and Histidine. <i>Macromolecules</i> , 2011 , 44, 8681-8686	5.5	26
648	Synthesis of a controlled three-faced PAMAM particle. <i>Polymer Chemistry</i> , 2011 , 2, 2293	4.9	7
647	Recent Advances in Drug Delivery Systems. 2011 , 02, 510-526		93
646	Shell-by-Shell Inside-Out Complexation of Organic Anions in Flexible and Rigid Pyridinium Dendrimers. <i>Macromolecules</i> , 2011 , 44, 8563-8574	5.5	15
645	Host-guest chemistry of dendrimer-drug complexes. 6. Fully acetylated dendrimers as biocompatible drug vehicles using dexamethasone 21-phosphate as a model drug. 2011 , 115, 2185-95		49
644	Synthesis and evaluation of nanoglobular macrocyclic Mn(II) chelate conjugates as non-gadolinium(III) MRI contrast agents. 2011 , 22, 931-7		57
643	Nanotechnology Research Directions for Societal Needs in 2020. 2011 ,		151
642	Predicting the size and properties of dendrimersomes from the lamellar structure of their amphiphilic Janus dendrimers. 2011 , 133, 20507-20		146
641	Macromolecules as taxane delivery systems. 2011 , 8, 33-55		12
640	Nanomaterials for regenerative medicine. 2011 , 6, 157-81		55
639	Effects of PEGylation on the Size and Internal Structure of Dendrimers: Self-Penetration of Long PEG Chains into the Dendrimer Core. <i>Macromolecules</i> , 2011 , 44, 2291-2298	5.5	73
638	Epidermal growth factor-PEG functionalized PAMAM-pentaethylenehexamine dendron for targeted gene delivery produced by click chemistry. 2011 , 12, 2039-47		68

637	Anti-inflammatory properties of dendrimers per se. 2011 , 11, 1367-82	29
636	Uptake and intracellular traffic of siRNA dendriplexes in glioblastoma cells and macrophages. 2011 , 6, 2715-28	26
635	Human in vitro suppression as screening tool for the recognition of an early state of immune imbalance. 2011 ,	
634	Preparation, purification, and characterization of lanthanide complexes for use as contrast agents for magnetic resonance imaging. 2011 ,	3
633	PAMAM dendrimer-azithromycin conjugate nanodevices for the treatment of Chlamydia trachomatis infections. 2011 , 7, 935-44	65
632	Transfer of PAMAM dendrimers across human placenta: prospects of its use as drug carrier during pregnancy. 2011 , 150, 326-38	84
631	Synthesis and characterization of a novel dendritic magnetic resonance imaging contrast agent. 2011 , 152 Suppl 1, e256-7	2
630	Effect of nano-structured polymer surfaces on osteoblast adhesion and proliferation. 2011 , 152 Suppl 1, e257-8	1
629	Elucidating the molecular mechanism of PAMAM-siRNA dendriplex self-assembly: effect of dendrimer charge density. 2011 , 416, 410-8	71
628	Design of interior-functionalized fully acetylated dendrimers for anticancer drug delivery. 2011 , 32, 9950-9	59
627	The copper(I)-catalyzed alkyne-azide cycloaddition (CuAAC) ElickEreaction and its applications. An overview. 2011 , 255, 2933-2945	706
626	The effects of polymeric nanostructure shape on drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2011 , 63, 1228-46	408
625	Designing dendrimers for drug delivery and imaging: pharmacokinetic considerations. 2011 , 28, 1500-19	95
624	Structural studies of biologically active glycosylated polyamidoamine (PAMAM) dendrimers. 2011 , 17, 2051-60	22
623		
	Surface modified dendrimers: synthesis and characterization for cancer targeted drug delivery. 2011 , 19, 3341-6	41
622		41 245
	2011 , 19, 3341-6 Theranostic applications of nanomaterials in cancer: drug delivery, image-guided therapy, and	

619	Nanomaterials: applications in cancer imaging and therapy. 2011 , 23, H18-40	729
618	Photoregulated Release of Noncovalent Guests from Dendritic Amphiphilic Nanocontainers. 2011 , 123, 3094-3098	12
617	Photoregulated release of noncovalent guests from dendritic amphiphilic nanocontainers. 2011 , 50, 3038-42	91
616	Temperature-dependent higher order structures of the (Pro-Pro-Gly)Emodified dendrimer. 2011 , 95, 270-7	22
615	Convergent assembly and surface modification of multifunctional dendrimers by three consecutive click reactions. 2011 , 17, 839-46	55
614	Degradable dual pH- and temperature-responsive photoluminescent dendrimers. 2011 , 17, 5319-26	59
613	Solubility and in vitro transdermal diffusion of riboflavin assisted by PAMAM dendrimers. 2011 , 408, 152-6	58
612	Poly(amidoamine) dendrimer-erythromycin conjugates for drug delivery to macrophages involved in periprosthetic inflammation. 2011 , 7, 284-94	70
611	A phosphorus-based dendrimer targets inflammation and osteoclastogenesis in experimental arthritis. 2011 , 3, 81ra35	172
610	Comparison of generation 3 polyamidoamine dendrimer and generation 4 polypropylenimine dendrimer on drug loading, complex structure, release behavior, and cytotoxicity. 2011 , 6, 3361-72	64
609	Polymers and Biopolymers in Pharmaceutical Technology. 2011 , 525-558	
608	Dendritic Polymers in Oncology: Facts, Features, and Applications. 2011 , 513-551	2
607	Partially glycosylated dendrimers block MD-2 and prevent TLR4-MD-2-LPS complex mediated cytokine responses. 2011 , 7, e1002095	28
606	Preparation and characterization of conjugated polyamidoamine-MPEG-methotrexate for potential drug delivery system. 2012 ,	1
605	Dendrimers as Biosensors and Imaging Tools. 2012 , 191-195	
604	Modulation of inflammatory signaling and cytokine release from microglia by celastrol incorporated into dendrimer nanocarriers. 2012 , 7, 1149-65	39
603	Tailoring polymeric micelles to optimize delivery to solid tumors. 2012 , 7, 1235-52	29
602	Dendrimers and dendrons for siRNA binding: computational insights. 2012 , 22, 83-89	14

601	Multiscale Modeling for Host-Guest Chemistry of Dendrimers in Solution. 2012 , 4, 463-485	14
600	Theranostic implications of nanotechnology in multiple sclerosis: a future perspective. 2012 , 2012, 160830	21
599	Dendritic nanoparticles: the next generation of nanocarriers?. 2012 , 3, 941-59	37
598	Dendrimers in cancer therapeutics and diagnosis. <i>Current Drug Metabolism</i> , 2012 , 13, 1097-109 3.5	33
597	Nanocarrier Systems for Transdermal Drug Delivery. 2012 ,	4
596	Dendrimers. 2012 , 413-468	4
595	Nanotechnology-based combinational drug delivery: an emerging approach for cancer therapy. **Drug Discovery Today, 2012 , 17, 1044-52 8.8	386
594	Host-guest chemistry of dendrimer-cyclodextrin conjugates: selective encapsulations of guests within dendrimer or cyclodextrin cavities revealed by NOE NMR techniques. 2012 , 116, 11217-24	39
593	Polyester Dendrimers. 2012 , 4, 794-879	42
592	Fast screening of dendrimer-binding compounds by diffusion NMR techniques. 2012 , 116, 5398-405	7
591	Potential Use of Polyamidoamine Dendrimer Conjugates with Cyclodextrins as Novel Carriers for siRNA. 2011 , 5, 61-78	16
590	Enhanced bioactivity of internally functionalized cationic dendrimers with PEG cores. 2012 , 13, 4089-97	50
589	Overcoming poor oral bioavailability using nanoparticle formulations - opportunities and limitations. 2012 , 9, e71-e174	124
588	From cells to DNA materials. 2012 , 15, 190-194	34
587	Investigation of thermal behaviour of hybrid nanostructures based on Fe2O3 and PAMAM dendrimers. 2012 , 110, 357-362	11
586	Responsible nanotechnology development. 2012 , 14, 1	15
585	Physiologically based pharmacokinetic model for composite nanodevices: effect of charge and size on in vivo disposition. 2012 , 29, 2534-42	31
584	Modeling particle scattering structure factor for branched bio-inspired polymers in solution: A small angle X-ray scattering study. 2012 , 113, 2536-2541	2

583	Nanoparticles as drug delivery systems. 2012 , 64, 1020-37	715
582	Facile synthesis and in vivo evaluation of biodegradable dendritic MRI contrast agents. 2012 , 22, 14369	28
581	Gadolinium MRI contrast agents based on triazine dendrimers: relaxivity and in vivo pharmacokinetics. 2012 , 23, 2291-9	41
580	NIR-responsive and lectin-binding doxorubicin-loaded nanomedicine from Janus-type dendritic PAMAM amphiphiles. 2012 , 13, 3581-91	75
579	Dendrimer-enabled modulation of gene expression in Chlamydia trachomatis. 2012 , 9, 413-21	33
578	PAMAM dendrimer-drug interactions: effect of pH on the binding and release pattern. 2012 , 116, 4370-6	91
577	PAMAM-functionalized water soluble quantum dots for cancer cell targeting. 2012 , 22, 11529	47
576	Click modification in the N6 region of A3 adenosine receptor-selective carbocyclic nucleosides for dendrimeric tethering that preserves pharmacophore recognition. 2012 , 23, 232-47	9
575	In vitro dose-response effects of poly(amidoamine) dendrimers [amino-terminated and surface-modified with N-(2-hydroxydodecyl) groups] and quantitative determination by a liquid chromatography-hybrid quadrupole/time-of-flight mass spectrometry based method. 2012 , 404, 2749-63	12
574	A dendrimer-based immunosensor for improved capture and detection of tumor necrosis factor-⊞ cytokine. 2012 , 720, 118-25	22
573	Preventing acute gut wall damage in infectious diarrhoeas with glycosylated dendrimers. 2012, 4, 866-81	28
572	Multivalent Dendritic Architectures for Theranostics. 2012 , 315-344	2
571	Nanocarriers as Nanomedicines: Design Concepts and Recent Advances. 2012 , 4, 337-440	10
570	Dendrimer therapeutics: covalent and ionic attachments. 2012 , 36, 227-240	53
569	Exploring the efficiency of gallic acid-based dendrimers and their block copolymers with PEG as gene carriers. 2012 , 7, 1667-81	21
568	Personalized nanomedicine: paving the way to the practical clinical utility of genomics and nanotechnology advancements. <i>Advanced Drug Delivery Reviews</i> , 2012 , 64, 1359-62	21
567	Eunice Kennedy Shriver National Institute of Child Health and Human Development Pediatrics Formulation Initiative: proceedings from the Second Workshop on Pediatric Formulations. 2012 , 34, S1-10	22
566	Anti-ischemic effects of multivalent dendrimeric Aladenosine receptor agonists in cultured cardiomyocytes and in the isolated rat heart. 2012 , 65, 338-46	17

565	Preparation and characterization of a novel hyperbranched polyphosphate ester. 2012, 137, 154-159		7
564	Surface modification of PAMAM dendrimer improves its biocompatibility. 2012 , 8, 815-7		84
563	Assessment of toxicity of nanoparticles using insects as biological models. 2012 , 906, 423-33		1
562	Nanotechnology-based approaches in anticancer research. 2012 , 7, 4391-408		173
561	MRI in ovarian cancer. 2012 , 4, 59-75		8
560	Supramolecular Chemistry in Medicine. 2012 ,		2
559	Synthesis of glycoconjugated poly(amindoamine) dendrimers for targeting human liver cancer cells. <i>RSC Advances</i> , 2012 , 2, 99-102	3.7	33
558	Dendrimers in Drug Delivery. 2012 , 131-140		2
557	Chemical and Ecotoxicological Assessment of Dendrimers in the Aquatic Environment. 2012, 197-233		8
556	Multifunctional Nanoparticles for Drug Delivery Applications. 2012,		25
555	Paclitaxel-Triazine Dendrimer Constructs: Efficacy, Toxicity, and Characterization. 2012, 85-100		
554	Chitosan Copolymers for Biopharmaceuticals. 2012 , 333-380		2
553	Interview: An architectural journey: from trees, dendrons/dendrimers to nanomedicine. Interview by Hannah Stanwix. 2012 , 7, 953-6		99
552	Dendrimer-mediated drug delivery to the skin. 2012 , 8, 4301		57
551	The Use of Dendrimers to Optimize the Physicochemical and Therapeutic Properties of Drugs. 2012 , 93-137		
550	Novel Dendritic Naproxen Prodrugs with Poly(aspartic Acid) Oligopeptide: Synthesis and Hydroxyapatite Binding in Vitro. 2012 , 42, 3441-3454		5
549	Emerging role of radiolabeled nanoparticles as an effective diagnostic technique. 2012 , 2, 39		100
548	Host-guest chemistry of dendrimer-drug complexes: 7. Formation of stable inclusions between acetylated dendrimers and drugs bearing multiple charges. 2012 , 116, 3075-82		18

547	Sodium sensing in neurons with a dendrimer-based nanoprobe. 2012 , 6, 1176-87	46
546	From metallodrugs to metallodendrimers for nanotherapy in oncology: a concise overview. 2012 , 19, 4995-5010	47
545	A Comparative Study of Two Novel Nanosized Radiolabeled Analogues of Methionine for SPECT Tumor Imaging. 2012 , 20, 123-133	10
544	The dendritic state. 25-112	
543	Nanomedical and advanced materials. 187-254	1
542	The past, present, and future for dendrons and dendrimers. 378-406	1
541	The ligand nanoparticle conjugation approach for targeted cancer therapy. <i>Current Drug Metabolism</i> , 2012 , 13, 22-41	59
540	. 2012,	44
539	Chemical and Physical Enhancers for Transdermal Drug Delivery. 2012,	1
538	Dendrimersrevolutionary drugs for infectious diseases. 2012 , 4, 469-91	37
537	Dendrimer-based postnatal therapy for neuroinflammation and cerebral palsy in a rabbit model. 2012 , 4, 130ra46	268
536	Multifunctional dendritic polymers in nanomedicine: opportunities and challenges. 2012 , 41, 2824-48	349
536 535	Multifunctional dendritic polymers in nanomedicine: opportunities and challenges. 2012 , 41, 2824-48 NMR insights into dendrimer-based host-guest systems. 2012 , 112, 3856-91	349
535	NMR insights into dendrimer-based host-guest systems. 2012 , 112, 3856-91 Peripheral functionalization of dendrimers regulates internalization and intracellular trafficking in	127
535 534	NMR insights into dendrimer-based host-guest systems. 2012 , 112, 3856-91 Peripheral functionalization of dendrimers regulates internalization and intracellular trafficking in living cells. 2012 , 23, 1059-68 A multifunctional mesoporous nanocontainer with an iron oxide core and a cyclodextrin	127 38
535534533	NMR insights into dendrimer-based host-guest systems. 2012, 112, 3856-91 Peripheral functionalization of dendrimers regulates internalization and intracellular trafficking in living cells. 2012, 23, 1059-68 A multifunctional mesoporous nanocontainer with an iron oxide core and a cyclodextrin gatekeeper for an efficient theranostic platform. 2012, 22, 14061	127 38 56

Molecular Imaging of Left Ventricular Remodeling. **2012**, 5, 188-197

528	Dendrimer-based targeted intravitreal therapy for sustained attenuation of neuroinflammation in retinal degeneration. 2012 , 33, 979-88	145
527	A dual-targeting nanocarrier based on poly(amidoamine) dendrimers conjugated with transferrin and tamoxifen for treating brain gliomas. 2012 , 33, 3899-908	243
526	Biofunctional nanosystems based on dendritic polymers. 2012 , 161, 484-95	76
525	Accessing lipophilic ligands in dendrimer-based amphiphilic supramolecular assemblies for protein-induced disassembly. 2012 , 18, 223-9	27
524	Diffusion coefficients of first-generation polyamidoamine dendrimer and its Eyclodextrin conjugate in aqueous solution by means of molecular dynamics simulations. 2012 , 143, 29-35	1
523	Qualitative and quantitative analysis of poly(amidoamine) dendrimers in an aqueous matrix by liquid chromatography-electrospray ionization-hybrid quadrupole/time-of-flight mass spectrometry (LC-ESI-QTOF-MS). 2013 , 405, 5901-14	8
522	PAMAM dendrimer-coated iron oxide nanoparticles: synthesis and characterization of different generations. 2013 , 15, 1	53
521	Stepwise filtering of the internal layers of dendrimers by transverse-relaxation-edited NMR. 2013 , 135, 11513-6	27
520	Original multivalent copper(II)-conjugated phosphorus dendrimers and corresponding mononuclear copper(II) complexes with antitumoral activities. 2013 , 10, 1459-64	73
519	Dendrimer-based nanodevices for targeted drug delivery applications. 2013 , 1, 4199-4211	134
518	Polyamidoamine dendrimer conjugated chitosan nanoparticles for the delivery of methotrexate. 2013 , 98, 1173-8	28
517	Dendrimeric antigen-silica particle composites: an innovative approach for IgE quantification. 2013 , 1, 3044-3050	18
516	Kinetics of UV-curing of waterborne polyurethane acrylate dendrimer. 2013 , 70, 1019-1035	4
515	Structural characterization of lyotropic liquid crystals containing a dendrimer for solubilization and release of gallic acid. 2013 , 112, 87-95	12
514	Design and exploratory data analysis of a second generation of dendrimer prodrugs potentially antichagasic and leishmanicide. 2013 , 17, 711-20	12
513	Viologen-phosphorus dendrimers exhibit minor toxicity against a murine neuroblastoma cell line. 2013 , 18, 459-78	13
512	In vitro nanotoxicity of single-walled carbon nanotube-dendrimer nanocomplexes against murine myoblast cells. 2013 , 219, 18-25	35

(2013-2013)

511	Polymer-drug conjugates: present state of play and future perspectives. <i>Drug Discovery Today</i> , 2013 , 18, 1316-22	8.8	72
510	Engineering Gd-loaded nanoparticles to enhance MRI sensitivity via T(1) shortening. 2013 , 24, 462001		60
509	Nanomaterials in stroke treatment: perspectives. 2013 , 44, 2351-5		33
508	Materials for FRET Analysis: Beyond Traditional DyeDye Combinations. 2013 , 165-268		4
507	Comparative study of microtubule inhibitorsestramustine and natural podophyllotoxin conjugated PAMAM dendrimer on glioma cell proliferation. 2013 , 68, 47-57		24
506	Advanced nanocarriers for an antitumor peptide. 2013 , 15, 1		4
505	References. 2013 , 1017-1094		
504	The dynamics of dendrimers by NMR relaxation: interpretation pitfalls. 2013 , 135, 1972-7		42
503	Targeting monocytes/macrophages in the treatment of rheumatoid arthritis. 2013, 52, 590-8		148
502	Enhancing the efficacy of Ara-C through conjugation with PAMAM dendrimer and linear PEG: a comparative study. 2013 , 14, 801-10		28
501	Synthesis of degradable bifunctional dendritic polymers as versatile drug carriers. <i>Polymer Chemistry</i> , 2013 , 4, 812-819	4.9	13
500	Identification and quantification of poly(amidoamine) PAMAM dendrimers of generations 0 to 3 by liquid chromatography/hybrid quadrupole time-of-flight mass spectrometry in aqueous medium. 2013 , 27, 747-62		10
499	Solubility enhancement of Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) using polypolypropylene oxide core PAMAM dendrimers. 2013 , 451, 18-22		32
498	Synthesis and characterization of silicon-containing hyperbranched polymers via thiol-ene click reaction. 2013 , 732, 1-7		21
497	A new poly(propylene imine) dendron as potential convenient building-block in the construction of multifunctional systems. 2013 , 69, 2799-2806		11
496	Copper in dendrimer synthesis and applications of copperdendrimer systems in catalysis: a concise overview. 2013 , 69, 3103-3133		23
495	Expand classical drug administration ways by emerging routes using dendrimer drug delivery systems: a concise overview. <i>Advanced Drug Delivery Reviews</i> , 2013 , 65, 1316-30	18.5	225
494	Dendrimer space concept for innovative nanomedicine: A futuristic vision for medicinal chemistry. 2013 , 38, 993-1008		95

493	Problems in (nano)medical mechanics. 2013 , 56, 3-19	6
492	Exploiting specific interactions toward next-generation polymeric drug transporters. 2013 , 135, 1711-4	38
491	Targeted and pH-responsive delivery of doxorubicin to cancer cells using multifunctional dendrimer-modified multi-walled carbon nanotubes. 2013 , 2, 1267-76	89
490	Dendrimer nanoparticles for ocular drug delivery. 2013 , 29, 151-65	76
489	Modified PAMAM dendrimer with 4-carbomethoxypyrrolidone surface groups reveals negligible toxicity against three rodent cell-lines. 2013 , 9, 461-4	53
488	Computationally efficient methodology for atomic-level characterization of dendrimer-drug complexes: a comparison of amine- and acetyl-terminated PAMAM. 2013 , 117, 6801-13	67
487	Dendrimer and cancer: a patent review (2006-present). 2013 , 23, 515-29	28
486	Exploiting herpes simplex virus entry for novel therapeutics. 2013 , 5, 1447-65	23
485	Molecular dynamics simulations of PPI dendrimerdrug complexes. 2013, 9, 6482	41
484	Nanoparticles as Drug Delivery Vehicles for the Therapy of Inflammatory Disorders. 2013, 477-516	
484	Nanoparticles as Drug Delivery Vehicles for the Therapy of Inflammatory Disorders. 2013 , 477-516 Synthetic regimes due to packing constraints in dendritic molecules confirmed by labelling experiments. 2013 , 4, 1993	19
	Synthetic regimes due to packing constraints in dendritic molecules confirmed by labelling	19
483	Synthetic regimes due to packing constraints in dendritic molecules confirmed by labelling experiments. 2013 , 4, 1993 Glutathione-triggered "off-on" release of anticancer drugs from dendrimer-encapsulated gold	
483	Synthetic regimes due to packing constraints in dendritic molecules confirmed by labelling experiments. 2013 , 4, 1993 Glutathione-triggered "off-on" release of anticancer drugs from dendrimer-encapsulated gold nanoparticles. 2013 , 135, 9805-10 Antibacterial cotton fabric grafted with silver nanoparticles and its excellent laundering durability.	171
483 482 481	Synthetic regimes due to packing constraints in dendritic molecules confirmed by labelling experiments. 2013, 4, 1993 Glutathione-triggered "off-on" release of anticancer drugs from dendrimer-encapsulated gold nanoparticles. 2013, 135, 9805-10 Antibacterial cotton fabric grafted with silver nanoparticles and its excellent laundering durability. 2013, 92, 2088-94 Dendrimer nanoscaffolds for potential theranostics of prostate cancer with a focus on	171 95
483 482 481 480	Synthetic regimes due to packing constraints in dendritic molecules confirmed by labelling experiments. 2013, 4, 1993 Glutathione-triggered "off-on" release of anticancer drugs from dendrimer-encapsulated gold nanoparticles. 2013, 135, 9805-10 Antibacterial cotton fabric grafted with silver nanoparticles and its excellent laundering durability. 2013, 92, 2088-94 Dendrimer nanoscaffolds for potential theranostics of prostate cancer with a focus on radiochemistry. 2013, 10, 793-812 Dendrimers as macromolecular tools to tackle from colon to brain tumor types: a concise overview.	171 95 82
483 482 481 480	Synthetic regimes due to packing constraints in dendritic molecules confirmed by labelling experiments. 2013, 4, 1993 Glutathione-triggered "off-on" release of anticancer drugs from dendrimer-encapsulated gold nanoparticles. 2013, 135, 9805-10 Antibacterial cotton fabric grafted with silver nanoparticles and its excellent laundering durability. 2013, 92, 2088-94 Dendrimer nanoscaffolds for potential theranostics of prostate cancer with a focus on radiochemistry. 2013, 10, 793-812 Dendrimers as macromolecular tools to tackle from colon to brain tumor types: a concise overview. 2013, 37, 3337 Transcriptional responses of human aortic endothelial cells to nanoconstructs used in biomedical	171 95 82 40

(2014-2013)

475	Poly(amidoamine) dendrimer-mediated synthesis and stabilization of silver sulfonamide nanoparticles with increased antibacterial activity. 2013 , 9, 85-93	65
474	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
473	Quantitative determination of poly(amidoamine) dendrimers in urine by liquid chromatography/electrospray ionization hybrid quadrupole linear ion trap mass spectrometry. 2013 , 27, 2519-2529	5
472	Poly(amidoamine) dendrimer complexes as a platform for gene delivery. 2013, 10, 1687-98	89
471	Evidence of oral translocation of anionic G6.5 dendrimers in mice. 2013 , 10, 988-98	22
470	Controlling the actuation of therapeutic nanomaterials: enabling nanoparticle-mediated drug delivery. 2013 , 4, 1411-29	16
469	Heparin-polynitroxide derivatives: a platform for new diagnostic and therapeutic agents in cardiovascular disease?. 2013 , 5, 385-8	5
468	Synthesis of NONSAID Dendritic Prodrugs via Passerini Reaction: New Approach to the Design of Dendrimer-drug Conjugates. 2013 , 37, 181-185	5
467	The Discovery of a Facile Access to the Synthesis of NSAID Dendritic Prodrugs. 2013, 37, 177-180	2
466	Multifunctional dendrimer-based nanoparticles for in vivo MR/CT dual-modal molecular imaging of breast cancer. 2013 , 8, 2589-600	53
465	Hierarchical Macromolecular Structures: 60 Years after the Staudinger Nobel Prize I. 2013,	
464	A review of nanotechnological approaches for the prophylaxis of HIV/AIDS. 2013, 34, 6202-28	66
463	Advances in Polymeric and Lipid-Core Micelles as Drug Delivery Systems. 2013, 86-105	2
462	A dendritic thioester hydrogel based on thiol-thioester exchange as a dissolvable sealant system for wound closure. 2013 , 52, 14070-4	125
461	A Dendritic Thioester Hydrogel Based on ThiolThioester Exchange as a Dissolvable Sealant System for Wound Closure. 2013 , 125, 14320-14324	10
460	Nanomedicine in cerebral palsy. 2013 , 8, 4183-95	17
459	Dendrimeric systems and their applications in ocular drug delivery. 2013 , 2013, 732340	56
458	Physico-chemical studies on the interaction of dendrimers with lipid bilayers. 1. Effect of dendrimer generation and liposome surface charge. 2014 , 63, 1185-93	12

457	Applications of Nanotechnology in Cancer: A Literature Review of Imaging and Treatment. 2014 , 05,	12
456	Effect of methotrexate conjugated PAMAM dendrimers on the viability of MES-SA uterine cancer cells. 2014 , 6, 297-302	14
455	Targeted delivery system of nanobiomaterials in anticancer therapy: from cells to clinics. 2014 , 2014, 814208	46
454	Dendrimer-like assemblies based on organoclays as multi-host system for sustained drug delivery. 2014 , 88, 706-17	18
453	Convenient Synthesis of a Polyester-co-Polyether Block for Assembling Biocompatible Hyperbranched Macromolecules. 2014 , 215, 177-181	3
452	A small change in central linker has a profound effect in inducing columnar phases of triazine-based unconventional dendrimers. 2014 , 20, 5160-6	11
451	Applications of dendrimers for brain delivery and cancer therapy. 2014 , 9, 2403-14	48
450	Synthesis and Properties of a Biodegradable Dendritic Magnetic Resonance Imaging Contrast Agent. 2014 , 32, 91-96	11
449	Folate-functionalized dendrimers for targeting Chlamydia-infected tissues in a mouse model of reactive arthritis. 2014 , 466, 258-65	29
448	Dendrimer as nanocarrier for drug delivery. 2014 , 39, 268-307	729
447	Palmitoylation of octreotide for incorporation into poly(amidoamine) dendrimers. 2014, 44, 141-145	6
446	Fluorinated poly(propylenimine) dendrimers as gene vectors. 2014 , 35, 5407-5413	112
445	Dendrimer-surfactant interactions. 2014 , 10, 2714-27	25
444	Pulmonary administration of a doxorubicin-conjugated dendrimer enhances drug exposure to lung metastases and improves cancer therapy. 2014 , 183, 18-26	130
443	Spectroelectrochemical characterization of dendrimer-porphyrin associates at polarized liquid liquid interfaces. 2014 , 30, 937-45	17
	uquiqiiquia interraces. 2014 , 50, 551-45	
442	Evaluating binding avidities of populations of heterogeneous multivalent ligand-functionalized nanoparticles. 2014 , 8, 5600-9	48
442 441	Evaluating binding avidities of populations of heterogeneous multivalent ligand-functionalized	·

439	Development of amphiphilic multi-star polymers with highly grafted pyrene connectors as unimolecular encapsulation devices. <i>Polymer Chemistry</i> , 2014 , 5, 1682-1692	4.9	1
438	Dendrimer space exploration: an assessment of dendrimers/dendritic scaffolding as inhibitors of protein-protein interactions, a potential new area of pharmaceutical development. 2014 , 114, 1327-42		68
437	A fluorinated dendrimer achieves excellent gene transfection efficacy at extremely low nitrogen to phosphorus ratios. 2014 , 5, 3053		271
436	Merely Ag nanoparticles using different cellulose fibers as removable reductant. 2014 , 21, 4219-4230		57
435	Self-assembled, redox-sensitive, H-shaped pegylated methotrexate conjugates with high drug-carrying capability for intracellular drug delivery. 2014 , 5, 147-152		17
434	Poly(amidoamine) dendrimer-methotrexate conjugates: the mechanism of interaction with folate binding protein. 2014 , 11, 4049-58		28
433	Biohybrid structures consisting of biotinylated glycodendrimers and proteins: influence of the biotin ligand's number and chemical nature on the biotin ligand's number and chemical nature on the biotin ligand's number and chemistry, 2014 , 5, 1323-1339	4.9	21
432	Dendritic nanoconjugate containing optimum folic acid for targeted intracellular curcumin delivery. <i>RSC Advances</i> , 2014 , 4, 46020-46023	3.7	8
431	Porphyrins with a carbosilane dendrimer periphery as synthetic components for supramolecular self-assembly. 2014 , 43, 7868-88		4
430	A dendrimer matrix for performance enhancement of evanescent wave absorption-based fiber-optic biosensors. <i>RSC Advances</i> , 2014 , 4, 15841	3.7	27
429	Hyperbranched polydendrons: a new controlled macromolecular architecture with self-assembly in water and organic solvents. 2014 , 5, 1844-1853		38
428	Covalent assembly-disassembly of poly(ether imine) dendritic macromolecular monomers and megamers. 2014 , 55, 5102-5110		2
427	Bioreducible cross-linked polymers based on G1 peptide dendrimer as potential gene delivery vectors. 2014 , 87, 413-20		16
426	Quantum dots-hyperbranched polyether hybrid nanospheres towards delivery and real-time detection of nitric oxide. 2014 , 45, 37-44		9
425	Heterofunctionalized Carbosilane Dendritic Systems: Bifunctionalized Dendrons as Building Blocks versus Statistically Decorated Dendrimers. 2014 , 33, 3977-3989		20
424	Dendrimer advances for the central nervous system delivery of therapeutics. 2014 , 5, 2-13		107
423	Multivalent polymers for drug delivery and imaging: the challenges of conjugation. 2014 , 15, 3215-34		47
422	Pediatric drug formulations: a review of challenges and progress. 2014 , 134, 361-72		157

421	Dendrimer brain uptake and targeted therapy for brain injury in a large animal model of hypothermic circulatory arrest. 2014 , 8, 2134-47	101
420	GATG dendrimers and PEGylated block copolymers: from synthesis to bioapplications. 2014 , 16, 948-61	21
419	"Single-single" amphiphilic janus dendrimers self-assemble into uniform dendrimersomes with predictable size. 2014 , 8, 1554-65	77
418	Bioapplications of poly(amidoamine) (PAMAM) dendrimers in nanomedicine. 2014 , 16, 1	73
417	Polymeric nanocarriers for transport modulation across the pulmonary epithelium: dendrimers, polymeric nanoparticles, and their nanoblends. 2014 , 16, 522-38	13
416	Mitochondrial targeting dendrimer allows efficient and safe gene delivery. 2014 , 2, 2546-2553	48
415	Polymer- and Protein-Based Nanotechnologies for Cancer Theranostics. 2014 , 419-436	9
414	Poly(amidoamine) and poly(propyleneimine) dendrimers show distinct binding behaviors with sodium dodecyl sulfate: insights from SAXS and NMR analysis. 2014 , 118, 3074-84	10
413	Surface-engineered dendrimers with a diaminododecane core achieve efficient gene transfection and low cytotoxicity. 2014 , 25, 342-50	38
412	Dendrimers for drug delivery. 2014 , 2, 4055-4066	167
411	Redox potential ultrasensitive nanoparticle for the targeted delivery of camptothecin to HER2-positive cancer cells. 2014 , 11, 1897-905	49
410	A novel multifunctional poly(amidoamine) dendrimeric delivery system with superior encapsulation capacity for targeted delivery of the chemotherapy drug 10-hydroxycamptothecin. 2014 , 465, 378-87	28
409	Fetal uptake of intra-amniotically delivered dendrimers in a mouse model of intrauterine inflammation and preterm birth. 2014 , 10, 1343-51	27
408	Nanoparticle-based drug delivery to the vagina: a review. 2014 , 190, 500-14	126
407	Fate and transformation products of amine-terminated PAMAM dendrimers under ozonation and irradiation. 2014 , 266, 102-13	12
406	The effect of fluorination on the transfection efficacy of surface-engineered dendrimers. 2014 , 35, 6603-13	66
405	Dendrimeric Eyclodextrin/Gd(III) chelate supramolecular host-guest adducts as high-relaxivity MRI probes. 2014 , 20, 10944-52	26
404	Self-assembly of amphiphilic Janus dendrimers into uniform onion-like dendrimersomes with predictable size and number of bilayers. 2014 , 111, 9058-63	125

403	Co-opting biology to deliver drugs. 2014 , 111, 1699-716	47
402	Facile size-regulated synthesis of silver nanoparticles using pectin. 2014 , 111, 971-8	69
401	Nanoparticle-mediated systemic delivery of siRNA for treatment of cancers and viral infections. 2014 , 4, 872-92	166
400	THIN FILM AND NANOSTRUCTURED MULTIFERROIC MATERIALS. 2014 , 169-192	
399	Biomimetic Polymers for In Vivo Drug Delivery. 2014 , 109-148	3
398	Toward a New Family of Bifunctional Organoiron Dendrimers: Facile Synthesis, Redox, and Photophysical Fingerprints. 2015 , 216, 369-379	20
397	Microparticulate Drug Delivery Systems. 2015 , 1091-1134	
396	Synthesis of a A2B3-type Hyperbranched Copolymers Based on a 3-Armed Unimolecular 4-N-Methylbenzamide Pentamer and Poly(propylene oxide). 2015 , 44, 536-538	10
395	Self-Assembled Fluorodendrimers Combine the Features of Lipid and Polymeric Vectors in Gene Delivery. 2015 , 54, 11647-51	125
394	Dendrimer nanotechnology for enhanced formulation and controlled delivery of resveratrol. 2015 , 1348, 134-40	39
393	Self-Assembled Fluorodendrimers Combine the Features of Lipid and Polymeric Vectors in Gene Delivery. 2015 , 127, 11813-11817	16
392	Nano-pharmaceutical formulations for targeted drug delivery against HER2 in breast cancer. 2015 , 15, 71-86	21
391	A study on the hemocompatibility of dendronized chitosan derivatives in red blood cells. 2015 , 9, 2635-45	22
390	Systemic and Intravitreal Delivery of Dendrimers to Activated Microglia/Macrophage in Ischemia/Reperfusion Mouse Retina. 2015 , 56, 4413-24	55
389	r1andr2Relaxivities of Dendrons Based on a OEG-DTPA Architecture: Effect of Gd3+Placement and Dendron Functionalization. 2015 , 2015, 1-8	2
388	High-Resolution Imaging of Polyethylene Glycol Coated Dendrimers via Combined Atomic Force and Scanning Tunneling Microscopy. 2015 , 2015, 535683	8
387	Advances in Nanotechnology-Based Drug Delivery Platforms and Novel Drug Delivery Systems. 2015 , 41-58	3
386	Dendronization of cellulose nanowhisker with cationic hyperbranched dendritic polyamidoamine. 2015 , 120, 46-52	22

385	Self-aggregation of amphiphilic [60]fullerenyl focal point functionalized PAMAM dendrons into pseudodendrimers: DNA binding involving dendriplex formation. 2015 , 103, 1595-604		10
384	Tumor extracellular acidity activated "off-on" release of bortezomib from a biocompatible dendrimer. 2015 , 3, 480-9		35
383	Dendrimer-entrapped metal colloids as imaging agents. 2015 , 7, 678-90		11
382	Next-generation sequencing reveals low-dose effects of cationic dendrimers in primary human bronchial epithelial cells. 2015 , 9, 146-63		62
381	Dendritic polymers for smart drug delivery applications. 2015 , 7, 3806-7		26
380	An Asymmetrical Polymer Vesicle Strategy for Significantly Improving T1 MRI Sensitivity and Cancer-Targeted Drug Delivery. <i>Macromolecules</i> , 2015 , 48, 739-749	5.5	87
379	Dendrimer nanocarriers for transport modulation across models of the pulmonary epithelium. 2015 , 12, 826-38		27
378	In vivo delivery of siRNA to the brain by carbosilane dendrimer. 2015 , 200, 60-70		80
377	Phosphorus-containing nanoparticles: biomedical patents review. 2015 , 25, 539-48		5
376	Supramolecular anticancer drug delivery systems based on lineardendritic copolymers. <i>Polymer Chemistry</i> , 2015 , 6, 2580-2615	4.9	49
375	Folate receptor-targeted and cathepsin B-activatable nanoprobe for in situ therapeutic monitoring of photosensitive cell death. 2015 , 87, 3841-8		53
374	Disulfide-Functionalized Unimolecular Micelles as Selective Redox-Responsive Nanocarriers. 2015 , 16, 2872-83		23
373	Diversely functionalised carbohydrate-centered oligomers and polymers. Thermoresponsivity, lectin binding and degradability. 2015 , 62, 352-362		3
372	Toward an effective strategy in glioblastoma treatment. Part II: RNA interference as a promising way to sensitize glioblastomas to temozolomide. <i>Drug Discovery Today</i> , 2015 , 20, 772-9	8.8	23
371	High-boron-content porphyrin-cored aryl ether dendrimers: controlled synthesis, characterization, and photophysical properties. 2015 , 54, 5021-31		22
370	Compact polar moieties induce lipid-water systems to form discontinuous reverse micellar phase. 2015 , 11, 5417-24		4
369	A supramolecular approach to improve the gene transfection efficacy of dendrimers. 2015 , 51, 9741-3		6
368	Targeted delivery of polyamidoamine-paclitaxel conjugate functionalized with anti-human epidermal growth factor receptor 2 trastuzumab. 2015 , 10, 2173-90		30

367	The dendrimer paradoxhigh medical expectations but poor clinical translation. 2015 , 44, 4131-44	105
366	Synthesis of poly(aminoester) dendrimers via dlick@hemistry in combination with the divergent and convergent strategies. 2015 , 56, 4043-4046	5
365	Surface-engineered dendrimers in gene delivery. 2015 , 115, 5274-300	307
364	The Present and the Future of Degradable Dendrimers and Derivatives in Theranostics. 2015 , 26, 1182-97	47
363	Polyamidoamine and polyglycerol; their linear, dendritic and linear-dendritic architectures as anticancer drug delivery systems. 2015 , 3, 3896-3921	58
362	Binding and conformation of dendrimer-based drug delivery systems: a molecular dynamics study. 2015 , 3, 221-231	3
361	Association of small aromatic molecules with PAMAM dendrimers. 2015 , 17, 29548-57	8
360	Hyperbranched polydendrons: a new nanomaterials platform with tuneable permeation through model gut epithelium. 2015 , 6, 326-334	28
359	Recent Developments in Active Tumor Targeted Multifunctional Nanoparticles for Combination Chemotherapy in Cancer Treatment and Imaging. 2015 , 11, 1859-98	83
358	Synthesis of 1D-glyconanomaterials by a hybrid noncovalent-covalent functionalization of single wall carbon nanotubes: a study of their selective interactions with lectins and with live cells. 2015 , 7, 19259-72	14
357	Nanocarriers for delivery of siRNA and co-delivery of siRNA and other therapeutic agents. 2015 , 10, 2199-228	42
356	Click synthesis of a polyamidoamine dendrimer-based camptothecin prodrug. <i>RSC Advances</i> , 2015 , 5, 58600-58608	22
355	Smart branched polymer drug conjugates as nano-sized drug delivery systems. 2015 , 3, 1321-34	66
354	Maltose modified poly(propylene imine) dendrimers as potential carriers of nucleoside analog 5'-triphosphates. 2015 , 495, 940-7	25
353	Chlorotoxin-Conjugated Multifunctional Dendrimers Labeled with Radionuclide 131I for Single Photon Emission Computed Tomography Imaging and Radiotherapy of Gliomas. 2015 , 7, 19798-808	86
352	Systemic dendrimer-drug treatment of ischemia-induced neonatal white matter injury. 2015 , 214, 112-20	72
351	Synthesis and Characterization of SPION Functionalized third Generation dendrimers Conjugated by Gold Nanoparticles and Folic acid for Targeted Breast Cancer Laser Hyperthermia: An Invitro-assay. 2015 , 823-826	1
350	Bifunctional chelating agents based on ionic carbosilane dendrons with DO3A at the focal point and their complexation behavior with copper(II). 2015 , 54, 8943-56	9

349	Molecular weight (hydrodynamic volume) dictates the systemic pharmacokinetics and tumour disposition of PolyPEG star polymers. 2015 , 11, 2099-108	15
348	Evaluation of surface acetylated and internally quaternized poly(propylene imine) dendrimer as a biocompatible drug carrier for piroxicam as a model drug. <i>RSC Advances</i> , 2015 , 5, 106461-106475	4
347	Synthesis of new monodendrons, gallic acid derivatives, self- assembled in a columnar phase. 2015 , 1-13	2
346	Dendritic Polymers in Targeted Drug Delivery. 2015 , 543-569	2
345	Advances in combination therapies based on nanoparticles for efficacious cancer treatment: an analytical report. 2015 , 16, 1-27	85
344	The A3 adenosine receptor: history and perspectives. 2015 , 67, 74-102	162
343	Overcoming concealment effects of targeting moieties in the PEG corona: controlled permeable polymersomes decorated with folate-antennae for selective targeting of tumor cells. 2015 , 11, 1580-91	54
342	First evidences of PAMAM dendrimer internalization in microorganisms of environmental relevance: A linkage with toxicity and oxidative stress. 2015 , 9, 706-18	27
341	Controlled Drug Release from Pharmaceutical Nanocarriers. 2015 , 125, 75-84	233
340	Impact of dendritic polymers on nanomaterials. <i>Polymer Chemistry</i> , 2015 , 6, 10-24 4.9	36
340	Impact of dendritic polymers on nanomaterials. <i>Polymer Chemistry</i> , 2015 , 6, 10-24 4.9 Nanomedicine in the application of uveal melanoma. 2016 , 9, 1215-25	36
339	Nanomedicine in the application of uveal melanoma. 2016 , 9, 1215-25 Novel chlorambucil-conjugated anionic linear-globular PEG-based second-generation dendrimer: in	10
339	Nanomedicine in the application of uveal melanoma. 2016 , 9, 1215-25 Novel chlorambucil-conjugated anionic linear-globular PEG-based second-generation dendrimer: in vitro/in vivo improved anticancer activity. 2016 , 9, 5531-43	10
339 338 337	Nanomedicine in the application of uveal melanoma. 2016, 9, 1215-25 Novel chlorambucil-conjugated anionic linear-globular PEG-based second-generation dendrimer: in vitro/in vivo improved anticancer activity. 2016, 9, 5531-43 Nanobiomaterials in drug delivery. 2016, 1-37 Nanoparticle Effects on Human Platelets in Vitro: A Comparison between PAMAM and Triazine	10 20 10
339338337336	Nanomedicine in the application of uveal melanoma. 2016, 9, 1215-25 Novel chlorambucil-conjugated anionic linear-globular PEG-based second-generation dendrimer: in vitro/in vivo improved anticancer activity. 2016, 9, 5531-43 Nanobiomaterials in drug delivery. 2016, 1-37 Nanoparticle Effects on Human Platelets in Vitro: A Comparison between PAMAM and Triazine Dendrimers. 2016, 21, 428	10 20 10 30
339338337336335	Nanomedicine in the application of uveal melanoma. 2016, 9, 1215-25 Novel chlorambucil-conjugated anionic linear-globular PEG-based second-generation dendrimer: in vitro/in vivo improved anticancer activity. 2016, 9, 5531-43 Nanobiomaterials in drug delivery. 2016, 1-37 Nanoparticle Effects on Human Platelets in Vitro: A Comparison between PAMAM and Triazine Dendrimers. 2016, 21, 428 Special Issue: "Functional Dendrimers". 2016, 21, Fungal diseases: could nanostructured drug delivery systems be a novel paradigm for therapy?.	10 20 10 30 9

331	Nanotechnology for multimodality treatment of cancer. 2016 , 12, 4883-4886		5	
330	The Use of Nanoparticles for Antimicrobial Delivery. 2016 , 453-487		2	
329	Partially PEGylated dendrimer-entrapped gold nanoparticles: a promising nanoplatform for highly efficient DNA and siRNA delivery. 2016 , 4, 2933-2943		49	
328	Pepetide Dendron-Functionalized Mesoporous Silica Nanoparticle-Based Nanohybrid: Biocompatibility and Its Potential as Imaging Probe. 2016 , 2, 860-870		17	
327	Dendrimer surface orientation of the RGD peptide affects mesenchymal stem cell adhesion. <i>RSC Advances</i> , 2016 , 6, 49839-49844	3.7	13	
326	Synthesis and characterization of hyperbranched copolymers hyper-g-(NIPAAm-co-IAM) via ATRP. 2016 , 294, 291-301		7	
325	Morpholino-terminated dendrimer shows enhanced tumor pH-triggered cellular uptake, prolonged circulation time, and low cytotoxicity. 2016 , 84, 189-197		8	
324	Clay nanocomposites as engineered drug delivery systems. <i>RSC Advances</i> , 2016 , 6, 50002-50016	3.7	63	
323	Dendrimers as Innovative Radiopharmaceuticals in Cancer Radionanotherapy. 2016 , 17, 3103-3114		28	
322	Graphene: Nonreciprocity in Magnetically Biased Graphene at Microwave and Terahertz Frequencies. 2016 , 268-284			
321	Nanoparticles as Drug Delivery Vehicles. 2016 , 299-335		1	
320	Plasmonic coupling of dual gold nanoprobes for SERS imaging of sialic acids on living cells. 2016 , 52, 10640-3		34	
319	Enhanced siRNA delivery of a cyclododecylated dendrimer compared to its linear derivative. 2016 , 4, 5654-5658		6	
318	Self-Sorting and Coassembly of Fluorinated, Hydrogenated, and Hybrid Janus Dendrimers into Dendrimersomes. 2016 , 138, 12655-63		63	
317	Factors affecting the stability of drug-loaded polymeric micelles and strategies for improvement. 2016 , 18, 1		28	
316	Electrocatalytic Reduction of Oxygen on Platinum Nanoparticles in the Presence and Absence of Interactions with the Electrode Surface. 2016 , 32, 9727-35		12	
315	Application of nanomedicine for crossing the blood-brain barrier: Theranostic opportunities in multiple sclerosis. 2016 , 13, 603-19		27	

313	Protein cages and synthetic polymers: a fruitful symbiosis for drug delivery applications, bionanotechnology and materials science. 2016 , 45, 6213-6249		105
312	Novel naproxen-peptide-conjugated amphiphilic dendrimer self-assembly micelles for targeting drug delivery to osteosarcoma cells. <i>RSC Advances</i> , 2016 , 6, 60327-60335	3.7	7
311	PAMAM dendrimer based targeted nano-carrier for bio-imaging and therapeutic agents. <i>RSC Advances</i> , 2016 , 6, 63761-63772	3.7	33
310	Conjugation to Poly(amidoamine) Dendrimers and Pulmonary Delivery Reduce Cardiac Accumulation and Enhance Antitumor Activity of Doxorubicin in Lung Metastasis. 2016 , 13, 2363-75		57
309	Generation Dependency of Stimuli-Responsive Dendron-Gated Mesoporous Silica Nanocontainers. <i>Macromolecular Research</i> , 2016 , 24, 478-481	1.9	6
308	A review on comparative study of PPI and PAMAM dendrimers. 2016 , 18, 1		85
307	Application of dendrimer/titania nanohybrid for the removal of phenol from contaminated wastewater. 2016 , 57, 6809-6819		18
306	Synthesis of a novel polyamidoamine dendrimer conjugating with alkali blue as a lymphatic tracer and study on the lymphatic targeting in vivo. 2016 , 23, 2298-2308		5
305	Revisiting the role of nanoparticles as modulators of drug resistance and metabolism in cancer. 2016 , 12, 281-9		17
304	Structure-activity relationship of dendrimers engineered with twenty common amino acids in gene delivery. 2016 , 29, 94-102		25
303	Characterization of Polyamidoamino (PAMAM) Dendrimers Using In-Line Reversed Phase LC Electrospray Ionization Mass Spectrometry. 2016 , 8, 263-269		22
302	Hyperbranched polyethylenimine based polyamine-N-oxide-carboxylate chelates of gadolinium for high relaxivity MRI contrast agents. <i>RSC Advances</i> , 2016 , 6, 28063-28068	3.7	15
301	Bioactive cell-like hybrids coassembled from (glyco)dendrimersomes with bacterial membranes. 2016 , 113, E1134-41		63
300	Dendrimer technologies for brain tumor. <i>Drug Discovery Today</i> , 2016 , 21, 766-78	8.8	69
299	The Pharmacokinetics and Biodistribution of a 64 kDa PolyPEG Star Polymer After Subcutaneous and Pulmonary Administration to Rats. 2016 , 105, 293-300		15
298	Poly(amidoamine) Dendrimer-Doxorubicin Conjugates: In Vitro Characteristics and Pseudosolution Formulation in Pressurized Metered-Dose Inhalers. 2016 , 13, 1058-72		32
297	High-performance dendritic contrast agents for X-ray computed tomography imaging using potent tetraiodobenzene derivatives. 2016 , 226, 258-67		24
296	Low generation polyamine dendrimers bearing flexible tetraethylene glycol as nanocarriers for plasmids and siRNA. 2016 , 8, 5106-19		20

295	Self-assembled fluorodendrimers in the co-delivery of fluorinated drugs and therapeutic genes. **Polymer Chemistry, 2016 , 7, 2319-2322 4.9	9	27	
294	Molecular dynamics simulation of coarse-grained poly(L-lysine) dendrimers. 2016 , 22, 59		21	
293	Salicylic Acid Conjugated Dendrimers Are a Tunable, High Performance CEST MRI NanoPlatform. 2016 , 16, 2248-53		33	
292	Nanoparticles as Drug Delivery Vehicles for the Therapy of Inflammatory Disorders. 2016 , 165-204			
291	A mesoporous nanocontainer gated by a stimuli-responsive peptide for selective triggering of intracellular drug release. 2016 , 8, 8070-7		20	
290	IL-6 Antibody and RGD Peptide Conjugated Poly(amidoamine) Dendrimer for Targeted Drug Delivery of HeLa Cells. 2016 , 120, 123-30		54	
289	Advances in Nanotheranostics I. 2016 ,		2	
288	Dendrimers in anticancer drug delivery: mechanism of interaction of drug and dendrimers. 2016 , 44, 1626-34		61	
287	Biological activity of dendrimerThethylglyoxal complexes for improved therapeutic efficacy against malignant cells. <i>RSC Advances</i> , 2016 , 6, 6631-6642	7	8	
286	Functional Dendritic Polymer-Based Nanoscale Vehicles for Imaging-Guided Cancer Therapy. 2016 , 271-29	9		
285	Effect of dendrimers on selected enzymesEvaluation of nano carriers. 2016 , 499, 247-254		16	
284	Capsid-like supramolecular dendritic systems as pH-responsive nanocarriers for drug penetration and site-specific delivery. 2016 , 12, 355-64		31	
283	Gold-Based Nanomaterials for Applications in Nanomedicine. 2016 , 370, 169-202		43	
282	A poly(amidoamine) dendrimer-based nanocarrier conjugated with Angiopep-2 for dual-targeting function in treating glioma cells. <i>Polymer Chemistry</i> , 2016 , 7, 715-721	9	15	
281	Nanogels as imaging agents for modalities spanning the electromagnetic spectrum. 2016 , 3, 21-40		37	
280	Toxicological assessment of third generation (G3) poly (amidoamine) dendrimers using the Allium cepa test. 2016 , 563-564, 899-903		11	
279	Multifunctional hybrid-carbon nanotubes: new horizon in drug delivery and targeting. 2016 , 24, 294-308		35	
278	Symmetrical and unsymmetrical incorporation of active biological monomers on the surface of phosphorus dendrimers. 2017 , 73, 1331-1341		4	

277	Study of specific interactions in inclusion complexes of amine-terminated PAMAM dendrimer/flavonoids by experimental and computational methods. 2017 , 66, 485-494	4
276	Dendrimers as nanocarriers for nucleoside analogues. 2017 , 114, 43-56	20
275	Subconjunctival injectable dendrimer-dexamethasone gel for the treatment of corneal inflammation. 2017 , 125, 38-53	77
274	Modeling of submicron complex oxides synthesis. 2017 , 51, 27-37	4
273	Imaging extracellular potassium dynamics in brain tissue using a potassium-sensitive nanosensor. 2017 , 4, 015002	13
272	Nanomedicine. 2017 , 71-92	
271	Design of 2nd, 3rd and 4th Generations of Azido & 1,2,3-Triazole Dendritic Esters and their Energetic and Biological Applications. 2017 , 2, 3152-3157	1
270	Toward redesigning the PEG surface of nanocarriers for tumor targeting: impact of inner functionalities on size, charge, multivalent binding, and biodistribution. 2017 , 8, 5186-5195	5
269	Preparation of H2O2-induced poly (amidoamine) dendrimer-release multilayer films. 2017, 295, 877-882	5
268	Mimicking Complex Biological Membranes and Their Programmable Glycan Ligands with Dendrimersomes and Glycodendrimersomes. 2017 , 117, 6538-6631	113
268 267		113
	Dendrimersomes and Glycodendrimersomes. 2017 , 117, 6538-6631	
267	Dendrimersomes and Glycodendrimersomes. 2017, 117, 6538-6631 Dendrimers for Ocular Drug Delivery. 2017, 95, 897-902	31
267 266	Dendrimers omes and Glycodendrimersomes. 2017, 117, 6538-6631 Dendrimers for Ocular Drug Delivery. 2017, 95, 897-902 Evaluation of pentablock co-polymer (PTS sol) for sustained topical ocular drug delivery. 2017, 39, 475-483 Dendrimer-conjugated peptide vaccine enhances clearance of Chlamydia trachomatis genital	31
267266265	Dendrimers omes and Glycodendrimersomes. 2017, 117, 6538-6631 Dendrimers for Ocular Drug Delivery. 2017, 95, 897-902 Evaluation of pentablock co-polymer (PTS sol) for sustained topical ocular drug delivery. 2017, 39, 475-483 Dendrimer-conjugated peptide vaccine enhances clearance of Chlamydia trachomatis genital infection. 2017, 527, 79-91 Molecular dynamics simulations of PAMAM dendrimer-encapsulated Au nanoparticles of different	31 2 38
267266265264	Dendrimers for Ocular Drug Delivery. 2017, 95, 897-902 Evaluation of pentablock co-polymer (PTS sol) for sustained topical ocular drug delivery. 2017, 39, 475-483 Dendrimer-conjugated peptide vaccine enhances clearance of Chlamydia trachomatis genital infection. 2017, 527, 79-91 Molecular dynamics simulations of PAMAM dendrimer-encapsulated Au nanoparticles of different sizes under different pH conditions. 2017, 137, 144-152	31 2 38 15
267266265264263	Dendrimers for Ocular Drug Delivery. 2017, 95, 897-902 Evaluation of pentablock co-polymer (PTS sol) for sustained topical ocular drug delivery. 2017, 39, 475-483 Dendrimer-conjugated peptide vaccine enhances clearance of Chlamydia trachomatis genital infection. 2017, 527, 79-91 Molecular dynamics simulations of PAMAM dendrimer-encapsulated Au nanoparticles of different sizes under different pH conditions. 2017, 137, 144-152 Nanoparticles for bone tissue engineering. 2017, 33, 590-611	31 2 38 15 98

(2017-2017)

259	An efficient approach to synthesize glycerol dendrimers via thiolyne blicklithemistry and their application in stabilization of gold nanoparticles with X-ray attenuation properties. <i>Polymer Chemistry</i> , 2017 , 8, 6989-6996	4.9	10
258	Dendrimers as Nanostructured Therapeutic Carriers. 2017 , 139-166		
257	Doxorubicin-loaded oligonucleotide conjugated gold nanoparticles: A promising in vivo drug delivery system for colorectal cancer therapy. 2017 , 142, 416-423		55
256	Dendrimers: syntheses, toxicity, and applications toward catalysis, environmental sciences, and nanomedecine. 2017 , 95, v-vii		6
255	Non-covalent formulation of active principles with dendrimers: Current state-of-the-art and prospects for further development. 2017 , 264, 288-305		11
254	Bioreducible Peptide-Dendrimeric Nanogels with Abundant Expanded Voids for Efficient Drug Entrapment and Delivery. 2017 , 18, 3498-3505		18
253	Capillary electrophoresis and nanomaterials - Part I: Capillary electrophoresis of nanomaterials. 2017 , 38, 2389-2404		15
252	Phosphorus dendrimers for nanomedicine. 2017 , 53, 9830-9838		55
251	Nanoparticles and targeted drug delivery in cancer therapy. 2017 , 190, 64-83		251
250	Design and Characterization of a Therapeutic Non-phospholipid Liposomal Nanocarrier with Osteoinductive Characteristics To Promote Bone Formation. 2017 , 11, 8055-8063		25
249	Evolution of macromolecular complexity in drug delivery systems. 2017, 1,		174
248	Poly-glutamic dendrimer-based conjugates for cancer vaccination - a computational design for targeted delivery of antigens. 2017 , 25, 873-880		7
247	Supramolecular Chemistry of Biomimetic Systems. 2017,		1
246	Stimuli-responsive Helical peptide gatekeepers for mesoporous silica nanocarriers. 2017 , 41, 6969-697	'2	11
245	Synthetic methodologies and spatial organization of metal chelate dendrimers and star and hyperbranched polymers. 2017 , 46, 10139-10176		9
244	Can dendrimer based nanoparticles fight neurodegenerative diseases? Current situation versus other established approaches. 2017 , 64, 23-51		42
243	Particulate Technology for Delivery of Therapeutics. 2017,		4
242	A novel approach to the oral delivery of bionanostructures for systemic disease. 2017 , 27-59		2

241	A review of molecular imaging of atherosclerosis and the potential application of dendrimer in imaging of plaque. 2017 , 12, 7681-7693		20
240	Nanocarriers and Their Potential Application as Antimicrobial Drug Delivery. 2017 , 169-202		3
239	Development of a Topical Resveratrol Formulation for Commercial Applications Using Dendrimer Nanotechnology. 2017 , 22,		46
238	Synthesis, Characterization, and Nanomedical Applications of Conjugates between Resorcinarene-Dendrimers and Ibuprofen. 2017 , 7,		23
237	Pro-Inflammatory Versus Anti-Inflammatory Effects of Dendrimers: The Two Faces of Immuno-Modulatory Nanoparticles. 2017 , 7,		22
236	2.26 MicroRNA as Biomaterial. 2017 , 558-570		1
235	Nanotechnology: from In Vivo Imaging System to Controlled Drug Delivery. 2017 , 12, 500		61
234	TARGETING THE TARGET USING NANOPARTICLES - A REVIEW. 2017 , 10, 6		
233	The Medical Applications of Nanomaterials in the Central Nervous System. 2017 , 1-31		1
232	Antibacterial activity of amino- and amido- terminated poly (amidoamine)-G6 dendrimer on isolated bacteria from clinical specimens and standard strains. 2017 , 31, 64		8
231	Multi-Target Inhibition of Cancer Cell Growth by SiRNA Cocktails and 5-Fluorouracil Using Effective Piperidine-Terminated Phosphorus Dendrimers. 2017 , 1, 6		21
230	Medicinal Applications of Dendrimers. 2017 , 47-87		
229	Quantitative assessment of surface functionality effects on microglial uptake and retention of PAMAM dendrimers. 2018 , 20, 1		11
228	Hydrogel-based scaffolds to support intrathecal stem cell transplantation as a gateway to the spinal cord: clinical needs, biomaterials, and imaging technologies. 2018 , 3, 8		39
227	Recent progress in dendrimer-based nanomedicine development. 2018 , 41, 571-582		82
226	Quantitative SPECT imaging and biodistribution point to molecular weight independent tumor uptake for some long-circulating polymer nanocarriers <i>RSC Advances</i> , 2018 , 8, 5586-5595	3.7	6
225	Metal Chelate Dendrimers. 2018, 503-631		O
224	Evaluation of Efficiency of Modified Polypropylenimine (PPI) with Alkyl Chains as Non-viral Vectors Used in Co-delivery of Doxorubicin and TRAIL Plasmid. 2018 , 19, 1029-1036		6

(2018-2018)

223	The uptake, retention and clearance of drug-loaded dendrimer nanoparticles in astrocytes - electrophysiological quantification. 2018 , 6, 388-397	12
222	If Squeezed, a Camel Passes Through the Eye of a Needle: Voltage-Mediated Stretching of Dendrimers Facilitates Passage Through a Nanopore. 2018 , 251, 405-417	1
221	Structure of Lipid Nanoparticles Containing siRNA or mRNA by Dynamic Nuclear Polarization-Enhanced NMR Spectroscopy. 2018 , 122, 2073-2081	66
220	Dendrimer as a multifunctional capping agent for metal nanoparticles for use in bioimaging, drug delivery and sensor applications. 2018 , 6, 2368-2384	42
219	Anti-angiogenic potential of VEGF blocker dendron loaded on to gellan gum hydrogels for tissue engineering applications. 2018 , 12, e669-e678	15
218	Dendrimers as Powerful Building Blocks in Central Nervous System Disease: Headed for Successful Nanomedicine. 2018 , 28, 1700313	20
217	Recent advances in co-delivery systems based on polymeric nanoparticle for cancer treatment. 2018 , 46, 1095-1110	55
216	Nanomaterials as nanocarriers: a critical assessment why these are multi-chore vanquisher in breast cancer treatment. 2018 , 46, 899-916	11
215	Dendrimers in combination with natural products and analogues as anti-cancer agents. 2018 , 47, 514-532	122
214	Bench-to-bedside translation of dendrimers: Reality or utopia? A concise analysis. <i>Advanced Drug</i>	27
	Delivery Reviews, 2018 , 136-137, 73-81	37
213	Delivery Reviews, 2018 , 136-137, 73-81	7
	Delivery Reviews, 2016, 130-131, 13-61	
213	. 2018, Energy Transfer in Dendritic Systems Having Pyrene Peripheral Groups as Donors and Different	7
213	. 2018, Energy Transfer in Dendritic Systems Having Pyrene Peripheral Groups as Donors and Different Acceptor Groups. 2018, 10, Tailoring dendrimer conjugates for biomedical applications: the impact of altering hydrophobicity.	7
213 212 211	. 2018, Energy Transfer in Dendritic Systems Having Pyrene Peripheral Groups as Donors and Different Acceptor Groups. 2018, 10, Tailoring dendrimer conjugates for biomedical applications: the impact of altering hydrophobicity. 2018, 20, 1	7 12 3
213 212 211 210	. 2018, Energy Transfer in Dendritic Systems Having Pyrene Peripheral Groups as Donors and Different Acceptor Groups. 2018, 10, Tailoring dendrimer conjugates for biomedical applications: the impact of altering hydrophobicity. 2018, 20, 1 New Advances in General Biomedical Applications of PAMAM Dendrimers. 2018, 23, Cartilage-penetrating nanocarriers improve delivery and efficacy of growth factor treatment of	7 12 3 111
213 212 211 210 209	. 2018, Energy Transfer in Dendritic Systems Having Pyrene Peripheral Groups as Donors and Different Acceptor Groups. 2018, 10, Tailoring dendrimer conjugates for biomedical applications: the impact of altering hydrophobicity. 2018, 20, 1 New Advances in General Biomedical Applications of PAMAM Dendrimers. 2018, 23, Cartilage-penetrating nanocarriers improve delivery and efficacy of growth factor treatment of osteoarthritis. 2018, 10,	7 12 3 111 104
213 212 211 210 209 208	. 2018, Energy Transfer in Dendritic Systems Having Pyrene Peripheral Groups as Donors and Different Acceptor Groups. 2018, 10, Tailoring dendrimer conjugates for biomedical applications: the impact of altering hydrophobicity. 2018, 20, 1 New Advances in General Biomedical Applications of PAMAM Dendrimers. 2018, 23, Cartilage-penetrating nanocarriers improve delivery and efficacy of growth factor treatment of osteoarthritis. 2018, 10, Targeting Groups Employed in Selective Dendrons and Dendrimers. Pharmaceutics, 2018, 10, Dendrimer- and copolymer-based nanoparticles for magnetic resonance cancer theranostics. 2018,	7 12 3 111 104 8

205	Use of Polyamidoamine Dendrimers in Brain Diseases. 2018 , 23,	35
204	Polymeric Nanoparticles Explored for Drug-Delivery Applications. 2018 , 315-331	6
203	Dendrimeric Poly(Epsilon-Lysine) Delivery Systems for the Enhanced Permeability of Flurbiprofen across the Blood-Brain Barrier in Alzheimer's Disease. 2018 , 19,	18
202	A biocompatible and cathepsin B sensitive nanoscale system of dendritic polyHPMA-gemcitabine prodrug enhances antitumor activity markedly. 2018 , 6, 2976-2986	18
201	Preferential and Increased Uptake of Hydroxyl-Terminated PAMAM Dendrimers by Activated Microglia in Rabbit Brain Mixed Glial Culture. 2018 , 23,	18
200	High-Generation Amphiphilic Janus-Dendrimers as Stabilizing Agents for Drug Suspensions. 2018 , 19, 3983-3993	9
199	ROLE OF DENDRIMERS IN ADVANCED DRUG DELIVERY AND BIOMEDICAL APPLICATIONS: A REVIEW. 2018 , 40, 178-183	34
198	Organic Nanomaterials: Liposomes, Albumin, Dendrimer, Polymeric Nanoparticles. 2018 , 105-123	1
197	DenTimol as A Dendrimeric Timolol Analogue for Glaucoma Therapy: Synthesis and Preliminary Efficacy and Safety Assessment. 2018 , 15, 2883-2889	11
196	Subconjunctival dendrimer-drug therapy for the treatment of dry eye in a rabbit model of induced autoimmune dacryoadenitis. 2018 , 16, 415-423	17
195	Poly (amidoamine) (PAMAM) dendrimer mediated delivery of drug and pDNA/siRNA for cancer therapy. 2018 , 546, 215-225	152
194	Dendrimer-drug conjugates. 2018 , 277-303	3
193	Dendronized Systems for the Delivery of Chemotherapeutics. 2018 , 139, 85-120	4
192	Theranostics and contrast agents for magnetic resonance imaging. 2018 , 22, 20	31
191	Polyester-based nanoparticles for nucleic acid delivery. 2018 , 92, 983-994	37
190	Dendritic Polymer Micelles for Drug Delivery. 2018 , 311-335	
189	Drug Delivery Systems from Self-Assembly of Dendron-Polymer Conjugates. 2018 , 23,	36
188	Conjugate of PAMAM Dendrimer, Doxorubicin and Monoclonal Antibody-Trastuzumab: The New Approach of a Well-Known Strategy. 2018 , 10,	24

187	Surface functionalized dendrimers as controlled-release delivery nanosystems for tumor targeting. 2018 , 122, 311-330	51
186	Tuning Spin-Spin Interactions in Radical Dendrimers. 2018 , 19, 1895	4
185	Affecting NF-B cell signaling pathway in chronic lymphocytic leukemia by dendrimers-based nanoparticles. 2018 , 357, 33-38	5
184	Model modification for equilibrium swelling of highly branched polyamine macromonomers. 2019 , 76, 1115-1133	1
183	Surface-Modified G4 PAMAM Dendrimers Cross the Blood-Brain Barrier Following Multiple Tail-Vein Injections in C57BL/6J Mice. 2019 , 10, 4145-4150	9
182	Current Status and Future Challenges of Various Polymers as Cancer Therapeutics. 2019 , 1-20	3
181	Microglia: Newly discovered complexity could lead to targeted therapy for neonatal white matter injury and dysmaturation. 2019 , 12, 239-242	4
180	Nanocarriers For Vaginal Drug Delivery. 2019 , 13, 3-15	9
179	Aptamer-conjugated functionalized nano-biomaterials for diagnostic and targeted drug delivery applications. 2019 , 469-494	O
178	110 Anniversary: Nanoparticle mediated drug delivery for the treatment of Alzheimer's disease: Crossing the blood-brain barrier. 2019 , 58, 15079-15087	14
177	Dendrimer-Based Nanoparticulate Delivery System for Cancer Therapy. 2019 , 233-255	7
176	Specific HER2 targeting and triggered drug release by conformational transformation of a dual-functional peptide gatekeeper on mesoporous nanocontainers. 2019 , 43, 11497-11502	2
175	Nanoencapsulation of food ingredients by dendrimers. 2019 , 607-625	3
174	Organic nanoparticles and gadolinium chelates: seeking hypersensitive probes for T1 magnetic resonance imaging. 2019 , 425-476	
173	Translating a Low-Molecular-Weight MRI Probe Sensitive to Amino Acid Neurotransmitters into a PAMAM Dendrimer Conjugate: The Impact of Conjugation. 2019 , 5, 1456-1460	1
172	Photoresponsive molecularly imprinted dendrimer-based magnetic nanoparticles for photo-regulated selective separation of azathioprine. 2019 , 136, 58-65	5
171	Synthesis and Characterization of FITC Labelled Ruthenium Dendrimer as a Prospective Anticancer Drug. 2019 , 9,	13
170	Cholesterol-Modified Dendrimers for Constructing a Tumor Microenvironment-Responsive Drug Delivery System. 2019 , 5, 6072-6081	16

169	In vitro activity of steroidal dendrimers on Trypanosoma cruzi epimastigote form with PAMAM dendrons modified by "click" chemistry. 2019 , 86, 452-458	11
168	Set of Highly Stable Amine- and Carboxylate-Terminated Dendronized Au Nanoparticles with Dense Coating and Nontoxic Mixed-Dendronized Form. 2019 , 35, 3391-3403	5
167	Synthesis and evaluation of polyethylene glycol- and folic acid-conjugated polyamidoamine G4 dendrimer as nanocarrier. 2019 , 50, 278-286	29
166	Functionalized branched polymers: promising immunomodulatory tools for the treatment of cancer and immune disorders. 2019 , 6, 1956-1973	32
165	Pharmaceutical Nanotechnology. 2019 ,	3
164	Bioconjugation in Drug Delivery: Practical Perspectives and Future Perceptions. 2019 , 2000, 125-182	14
163	Poly(amidoamine) dendrimers: covalent and supramolecular synthesis. 2019 , 13, 34-48	57
162	Dendritic Polyglycerol-Derived Nano-Architectures as Delivery Platforms of Gemcitabine for Pancreatic Cancer. 2019 , 19, e1900073	17
161	Synthesis and photophysical properties of novel pyrene-metalloporphyrin dendritic systems. 2019 , 48, 10435-10447	13
160	Drug-coated nanoparticles: the magic bullets for threatening diseases, with special reference to tuberculosis. 2019 , 41-85	
159	PAMAM and PPI Dendrimers in Biophysical and Thermodynamic Studies on the Delivery of Therapeutic Nucleotides, Nucleosides and Nucleobase Derivatives for Anticancer Applications. 2019 , 183-243	1
158	Thermodynamics and Biophysics of Biomedical Nanosystems. 2019 ,	3
157	Immunoreactivity changes of human serum albumin and alpha-1-microglobulin induced by their interaction with dendrimers. 2019 , 179, 226-232	2
156	Effect of grafting ratio of poly(propylene imine) dendrimer onto gold nanoparticles on the properties of colloidal hybrids, their DOX loading and release behavior and cytotoxicity. 2019 , 178, 500-507	30
155	Self-Assembly of Oligo- and Polypeptide-Based Amphiphiles: Recent Advances and Future Possibilities. <i>Macromolecules</i> , 2019 , 52, 1899-1911	20
154	Dysmaturation of Premature Brain: Importance, Cellular Mechanisms, and Potential Interventions. 2019 , 95, 42-66	88
153	Dendrimer-Based Nanocarriers in Lung Cancer Therapy. 2019 , 161-192	13
152	Programmed supramolecular nanoassemblies: enhanced serum stability and cell specific triggered release of anti-cancer drugs. 2019 , 1, 1571-1580	3

(2020-2019)

151	Photosensitizer Antibody-Drug Conjugates: Past, Present, and Future. 2019 , 30, 975-993		34
150	Correlation between nucleic acids and nanoparticle therapeutics for cancer treatment. 2019 , 151-171		O
149	Nanomedicine Approaches for the Pulmonary Treatment of Cystic Fibrosis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 406	5.8	38
148	Bioactive cell-like hybrids from dendrimersomes with a human cell membrane and its components. 2019 , 116, 744-752		35
147	Nanocarriers and Their Loading Strategies. 2019 , 8, e1801002		67
146	Synthesis and evaluation of the antibacterial effect of silica-coated modified magnetic poly-(amidoamine) G5 nanoparticles on E. coli and S. aureus. 2019 , 276, 93-104		7
145	Applications of nanotechnology in drug delivery to the central nervous system. 2019 , 111, 666-675		123
144	Polysiloxane-based hyperbranched fluorescent materials prepared by thiol-ene ElickEthemistry as potential cellular imaging polymers. 2019 , 112, 515-523		8
143	Screening Libraries of Amphiphilic Janus Dendrimers Based on Natural Phenolic Acids to Discover Monodisperse Unilamellar Dendrimersomes. 2019 , 20, 712-727		21
142	Morphologies and functionalities of polymeric nanocarriers as chemical tools for drug delivery: A review. 2019 , 31, 398-411		60
141	Functional hydrophilic highly biodegradable PCL nanofibers through direct aminolysis of PAMAM dendrimer. 2020 , 69, 1069-1080		7
140	Superparamagnetic nanoparticles for biomedical applications. 2020 , 8, 354-367		75
139	Nanotechnology Scaffolds for Alveolar Bone Regeneration. 2020 , 13,		33
138	Synthesis and chiroptical properties of cylindrical macrocycles comprising two calix[3]aramide moieties. 2020 , 18, 230-236		5
137	PAMAM dendrimer-based macromolecules and their potential applications: recent advances in theoretical studies. 2020 , 77, 6671-6691		5
136	Dendrimers for diagnostic applications. 2020 , 291-324		3
135	Dendrimers for drug solubilization, dissolution and bioavailability. 2020 , 59-92		3
134	Dendrimers in immunotherapy and hormone therapy. 2020 , 233-249		3

133	DOTA-Branched Organic Frameworks as Giant and Potent Metal Chelators. 2020, 142, 198-206	26
132	Passive targeting in nanomedicine: fundamental concepts, body interactions, and clinical potential. 2020 , 37-53	21
131	Regioselective synthesis and antioxidant activity of a novel class of mono and C-symmetric bis-1,2,3-triazole and acridinedione grafted macromolecules. 2020 , 24, 934-941	0
130	Application of nano-based systems for drug delivery and targeting: a review. 2020 , 22, 1	19
129	Surface Charge of Supramolecular Nanosystems for In Vivo Biodistribution: A MicroSPECT/CT Imaging Study. 2020 , 16, e2003290	5
128	Progress, challenges, and future of nanomedicine. 2020 , 35, 101008	32
127	Starburst pamam dendrimers: Synthetic approaches, surface modifications, and biomedical applications. 2020 , 13, 6009-6039	23
126	Ruthenium Dendrimers against Human Lymphoblastic Leukemia 1301 Cells. 2020 , 21,	7
125	Recent advances in polymeric drug delivery systems. 2020 , 24, 12	112
124	Selected nanotechnologies and nanostructures for drug delivery, nanomedicine and cure. 2020 , 43, 1339-135	7 20
124	Selected nanotechnologies and nanostructures for drug delivery, nanomedicine and cure. 2020 , 43, 1339-135 Thermal Degradation Behavior of a New Family of Organometallic Dendrimer. 2020 , 30, 2937-2951	7 20
123	Thermal Degradation Behavior of a New Family of Organometallic Dendrimer. 2020 , 30, 2937-2951 Formation of nanosized Gd(III) coordination networks with tripodal amine-N-oxide type ligand through microemulsions to achieve high relaxivity and exceptional stability for MRI applications.	
123	Thermal Degradation Behavior of a New Family of Organometallic Dendrimer. 2020 , 30, 2937-2951 Formation of nanosized Gd(III) coordination networks with tripodal amine-N-oxide type ligand through microemulsions to achieve high relaxivity and exceptional stability for MRI applications. 2020 , 55, 13206-13215 Tuning surface functionalities of sub-10 nm-sized nanocarriers to target outer retina in designing	5
123 122 121	Thermal Degradation Behavior of a New Family of Organometallic Dendrimer. 2020 , 30, 2937-2951 Formation of nanosized Gd(III) coordination networks with tripodal amine-N-oxide type ligand through microemulsions to achieve high relaxivity and exceptional stability for MRI applications. 2020 , 55, 13206-13215 Tuning surface functionalities of sub-10 nm-sized nanocarriers to target outer retina in designing drug delivery agents for intravitreal administration. 2020 , 255, 120188	2
123 122 121 120	Thermal Degradation Behavior of a New Family of Organometallic Dendrimer. 2020, 30, 2937-2951 Formation of nanosized Gd(III) coordination networks with tripodal amine-N-oxide type ligand through microemulsions to achieve high relaxivity and exceptional stability for MRI applications. 2020, 55, 13206-13215 Tuning surface functionalities of sub-10 nm-sized nanocarriers to target outer retina in designing drug delivery agents for intravitreal administration. 2020, 255, 120188 Dendrimers for drug delivery purposes. 2020, 201-242	5 2 0
123 122 121 120	Thermal Degradation Behavior of a New Family of Organometallic Dendrimer. 2020, 30, 2937-2951 Formation of nanosized Gd(III) coordination networks with tripodal amine-N-oxide type ligand through microemulsions to achieve high relaxivity and exceptional stability for MRI applications. 2020, 55, 13206-13215 Tuning surface functionalities of sub-10 nm-sized nanocarriers to target outer retina in designing drug delivery agents for intravitreal administration. 2020, 255, 120188 Dendrimers for drug delivery purposes. 2020, 201-242 Dendrimer-based drug delivery systems for tuberculosis treatment. 2020, 163-174	5 2 0

115	Measurement of the hydrodynamic radii of PEE-G dendrons by diffusion spectroscopy on a benchtop NMR spectrometer. 2020 , 58, 641-647		5
114	Methods for synthesis of nanocontainers. 2020 , 19-48		
113	Dendritic Scaffold onto Titanium Implants. A Versatile Strategy Increasing Biocompatibility. 2020 , 12,		4
112	Fluorinated porphyrin-based theranostics for dual imaging and chemo-photodynamic therapy. 2020 , 8, 4469-4474		12
111	Engineering precision nanoparticles for drug delivery. 2021 , 20, 101-124		822
110	Nanoparticles in pregnancy: the next frontier in reproductive therapeutics. 2021 , 27, 280-304		10
109	Rescue the retina after the ischemic injury by polymer-mediated intracellular superoxide dismutase delivery. 2021 , 268, 120600		18
108	Nanocarriers of Drugs for Topical Delivery. 2021 , 153-181		
107	Dendrimer Architectonics to Treat Cancer and Neurodegenerative Diseases with Implications in Theranostics and Personalized Medicine 2021 , 4, 1115-1139		12
106	Novel nanoparticle-based treatment approaches. 2021 , 281-343		
105	Dual contrast agents for fluorescence and photoacoustic imaging: evaluation in a murine model of prostate cancer. 2021 , 13, 9217-9228		4
104	Dendrimers: A Novel Nanomaterial. 2021 , 411-449		
103	Targeted Drug Delivery in Cancer Treatment. 2021 , 356-381		
102	Recent progress in nanotechnology-based drug carriers for celastrol delivery. 2021 , 9, 6355-6380		O
101	Surface engineered dendrimers as novel option for enhanced pharmaceutical and biomedical potential. 2021 , 225-252		
100	Recent Advances in Preclinical Research Using PAMAM Dendrimers for Cancer Gene Therapy. 2021 , 22,		19
99	Application of Dendrimers for Treating Parasitic Diseases. <i>Pharmaceutics</i> , 2021 , 13,	6.4	6
98	Nanoparticles as Drug Delivery Systems of RNAi in Cancer Therapy. 2021 , 26,		6

97	Dendrimers based cancer nanotheranostics: An overview. 2021 , 600, 120485	6
96	Kidney-Targeted Delivery of Prolyl Hydroxylase Domain Protein 2 Small Interfering RNA with Nanoparticles Alleviated Renal Ischemia/Reperfusion Injury. 2021 , 378, 235-243	1
95	Advanced bis-MPA hyperbranched dendritic nanocarriers of artemisinin with anticancer potential. 2021 , 23, 1	1
94	Innovative Delivery Systems Loaded with Plant Bioactive Ingredients: Formulation Approaches and Applications. <i>Plants</i> , 2021 , 10,	7
93	Photoluminescent Nanoparticles for Chemical and Biological Analysis and Imaging. 2021 , 121, 9243-9358	40
92	Formation of a Hollow Core in Dendrimers in Solvents. 2021 , 222, 2100085	1
91	Resveratrol: A Vital Therapeutic Agent with Multiple Health Benefits. 2021,	1
90	A manganese (II)-based coordinative dendrimer with robust efficiency in intracellular peptide delivery. 2022 , 9, 44-53	8
89	The role of the electrokinetic charge of neurotrophis-based nanocarriers: protein distribution, toxicity, and oxidative stress in in vitro setting. 2021 , 19, 258	0
88	Smart GSH/pH dual-bioresponsive degradable nanosponges based on ECD-appended hyper-cross-linked polymer for triggered intracellular anticancer drug delivery. 2021 , 64, 102650	3
87	Engineering Nanorobots for Tumor-Targeting Drug Delivery: From Dynamic Control to Stimuli-Responsive Strategy. 2021 , 22, 3369-3380	2
86	Dendrimeric Structures in the Synthesis of Fine Chemicals. 2021 , 14,	O
85	Multifunctional Dendritic Nanocarriers: The Architecture and Applications in Targeted Drug Delivery. 1	1
84	Degradable Dendrimers for Drug Delivery. 239-305	4
83	An Iterative Divergent Approach to Conjugated Starburst Borane Dendrimers. 2020 , 26, 12951-12963	12
82	Assessment of Toxicity of Nanoparticles Using Insects as Biological Models. 2020 , 2118, 269-279	1
81	Investigation of host-guest interactions between polyester dendrimers and ibuprofen using density functional theory (DFT). 2020 , 1189, 112983	6
80	Nano drug delivery systems in upper gastrointestinal cancer therapy. 2020 , 7, 38	8

79	Paramagnetic NMR investigation of dendrimer-based host-guest interactions. 2013 , 8, e64722		6
78	Nanoparticle Based Combination Treatments for Targeting Multiple Hallmarks of Cancer. 2016 , Suppl 4, 1-18		3
77	Periphery Decorated and Core Initiated Neutral and Polyanionic Borane large molecules: Forthcoming and Promising properties for medicinal applications. 2019 ,		20
76	Dendrimer Based Nanoarchitectures in Diabetes Management: An Overview. 2019 , 25, 2569-2583		8
75	Multilanthanide Systems for Medical Imaging Applications. 2011 , 1, 88-100		3
74	Nanoparticles for Effective Combination Therapy of Cancer. 2016 , 1,		4
73	A dendrimer-functionalized turn-on fluorescence probe based on enzyme-activated debonding feature of azobenzene linkage.		1
72	Nanotheranostics: The Future Remedy of Neurological Disorders. <i>Nanotechnology in the Life Sciences</i> , 2021 , 117-154	1.1	2
71	Supramolecular dendrimer-containing layer-by-layer nanoassemblies for bioapplications: current status and future prospects. <i>Polymer Chemistry</i> , 2021 , 12, 5902-5930	4.9	2
70	Synthesis, Processing, and Manufacturing of Components, Devices, and Systems. 2011 , 109-158		1
69	Application of dendrimer in targeted drug delivery: recent progress. <i>Academic Journal of Second Military Medical University</i> , 2011 , 31, 96-100		
68	Dendrimers in Nanoscience and Nanotechnology. 2012 , 115-129		
67	The Dendritic State and Dendritic Effects. 2012 , 45-54		
66	Classes of Peptide-, Glyco-, and Glycopeptide Dendrimers. 2012 , 29-44		1
65	CHAPTER 10. Supramolecular Metal Complexes for Imaging and Radiotherapy. <i>Monographs in Supramolecular Chemistry</i> , 2013 , 300-330	1.1	
64	APPLICATION OF NANOPARTICLES IN BIOMEDICINE. <i>Biotechnologia Acta</i> , 2013 , 6, 21-32	0.3	
63	NANOMEDICINA. 2015 , 83-108		
62	Medical Devices and Preparative Medicine: Polymer Drug Application. 4411-4448		

61	Ophthalmic Drug Delivery: Polymer Systems for. 5759-5796		
60	Nanomedicine: Review and Perspectives. 5393-5413		
59	Triazine Dendrimers: Biomedical Application. 8062-8073		
58	Nanomaterials: Tissue Regeneration. 5379-5392		
57	Immunotherapy and Vaccines. 2016 , 441-464		
56	Concepts in Diagnostic Probe Design. 2017 , 177-200		
55	Pros and Cons Controversy on Molecular Imaging and Dynamics of Double-Standard DNA/RNA of Human Preserving Stem Cells-Binding Nano Molecules with Androgens/Anabolic Steroids (AAS) or Testosterone Derivatives through Tracking of Helium-4 Nucleus (Alpha Particle) Using Synchrotron		2
54	Radiation. 2017 , 1, 067-100 Medical Devices and Preparative Medicine: Polymer Drug Application. 2017 , 789-826		
53	Nanomedicine: Review and Perspectives. 2017 , 1088-1108		
52	Nanotechnology: The Future for Cancer Treatment. 2019 , 389-418		
51	Dendrimer-2PMPA selectively blocks upregulated microglial GCPII activity and improves cognition in a mouse model of multiple sclerosis <i>Nanotheranostics</i> , 2022 , 6, 126-142	5.6	3
50	Environmental and Toxicological Implications of Nanopharmaceuticals: An Overview. <i>Environmental Chemistry for A Sustainable World</i> , 2021 , 1-40	0.8	
49	Nanobiomaterials in Craniofacial Bone Regeneration. 2021 , 25-52		
48	Nanoparticles for Effective Combination Therapy of Cancer. 2016 , 1,		6
47	Neurosurgery at the crossroads of immunology and nanotechnology. New reality in the COVID-19 pandemic. <i>Advanced Drug Delivery Reviews</i> , 2021 , 114033	18.5	О
47		18.5 4.9	0
	pandemic. Advanced Drug Delivery Reviews, 2021, 114033 The effect of spacers in dual drug-polymer conjugates toward combination therapeutic efficacy.		

43	Co-assembly of liposomes, Dendrimersomes, and Polymersomes with amphiphilic Janus dendrimers conjugated to Mono- and Tris-Nitrilotriacetic Acid (NTA, TrisNTA) enhances protein recruitment. <i>Giant</i> , 2022 , 9, 100089	5.6	7
42	Biological Aspects and Clinical Applications of Nanoparticles on Treatment and Prophylaxis of HIV. <i>Iranian Journal of Medical Microbiology</i> , 2020 , 14, 512-542	0.4	O
41	Cationic Nanomaterials for Autoimmune Diseases Therapy Frontiers in Pharmacology, 2021 , 12, 762362	25.6	O
40	Critical parameters for design and development of multivalent nanoconstructs: recent trends Drug Delivery and Translational Research, 2022 , 1	6.2	1
39	Journey to the Market: The Evolution of Biodegradable Drug Delivery Systems. <i>Applied Sciences</i> (Switzerland), 2022 , 12, 935	2.6	3
38	Dendrimer-Based N-Acetyl Cysteine Maternal Therapy Ameliorates Placental Inflammation Maintenance of M1/M2 Macrophage Recruitment <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 819593	5.8	O
37	Recent advances in drug delivery systems for glaucoma treatment. <i>Materials Today Nano</i> , 2022 , 100178	9.7	6
36	Exploring Pharmacological Mechanisms of Essential Oils on the Central Nervous System <i>Plants</i> , 2021 , 11,	4.5	17
35	Alzheimer Disease (AD): Physiological Barriers for Therapy and Nanotechnological Applications in Treatment. 2021 , 215-237		
34	Macrophage Targeting for Therapy of Intraocular Diseases. 2022 , 415-436		
33	A Review of Nanotechnology for Treating Dysfunctional Placenta <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 845779	5.8	O
32	Synthesis of a Series of Folate-Terminated Dendrimer-b-PNIPAM Diblock Copolymers: Soft Nanoelements That Self-Assemble into Thermo- and pH-Responsive Spherical Nanocompounds. <i>Macromolecules</i> ,	5.5	1
31	An Evaluation of CXCR4 Targeting with PAMAM Dendrimer Conjugates for Oncologic Applications <i>Pharmaceutics</i> , 2022 , 14,	6.4	O
30	Listening to Drug Delivery and Responses via Photoacoustic Imaging Advanced Drug Delivery	~O -	7
	Reviews, 2022 , 114235	18.5	ĺ
29	Reviews, 2022, 114235 Nanoparticles in Chronic Respiratory Diseases. 2022, 143-170	10.5	
29		10.5	3
	Nanoparticles in Chronic Respiratory Diseases. 2022 , 143-170 Dendrimer as a versatile platform for biomedical application: A review. <i>Journal of the Indian</i>	3.5	

25	Lapatinib- and fulvestrant-PAMAM dendrimer conjugates promote apoptosis in chemotherapy-induced senescent breast cancer cells with different receptor status. 2022 , 213047	2
24	Dendrimer-based drug delivery systems: history, challenges, and latest developments. 2022 , 16,	7
23	Design, Synthesis and Activity of New N1-Alkyl Tryptophan Functionalized Dendrimeric Peptides against Glioblastoma. 2022 , 12, 1116	2
22	Reduced cytotoxicity and boosted antibacterial activity of a hydrophilic nano-architecture magnetic nitrogen-rich copper-based MOF. 2022 , 33, 104393	O
21	Nanoparticles for Tissue Engineering: Type, Properties, and Characterization. 2022, 1-19	О
20	Antiviral potential of nanomaterials: Novel solutions for emerging challenges. 2023 , 133-154	O
19	Dendrimer-Conjugated nSMase2 Inhibitor Reduces Tau Propagation in Mice. 2022 , 14, 2066	О
18	Polymeric Nanoparticles in Hybrid Catalytic Processing and Drug Delivery System.	O
17	The Design of Rapid Self-Healing Alginate Hydrogel with Dendritic Crosslinking Network. 2022 , 27, 7367	О
16	Synthesis of Ecyclodextrin-Decorated Dendritic Compounds Based on EDTA Core: A New Class of PAMAM Dendrimer Analogs. 2022 , 14, 2363	O
15	Dendrimers as prospective nanocarrier for targeted delivery against lung cancer. 2022, 180, 111635	3
14	Evaluation of the transdentinal capability of the intrinsic antibacterial cetylpyridinium chloride/cholesterol sterosomes in vitro and in vivo.	O
13	Dendritic polymer macromolecular carriers for drug delivery. 2023 , 289-328	О
12	Dendrimers in photodynamic therapy. 2023 , 281-305	O
11	Nanoparticles: Taking a Unique Position in Medicine. 2023 , 13, 574	2
10	Biomimetic Construction of Artificial Selenoenzymes. 2023 , 8, 54	O
9	A Cu+/Thiourea Dendrimer Achieves Excellent Cytosolic Protein Delivery via Enhanced Cell Uptake and Endosome Escape.	0
8	Recent progress in nanotechnology-based drug carriers for resveratrol delivery. 2023 , 30,	O

CITATION REPORT

7	Targeted Microglial Attenuation through Dendrimer D rug Conjugates Improves Glaucoma Neuroprotection. 2023 , 24, 1355-1365	0
6	A Glimpse into Dendrimers Integration in Cancer Imaging and Theranostics. 2023 , 24, 5430	О
5	Advanced nanoformulations for neurological therapeutics. 2023, 677-709	O
4	Importance of nanomedicine in human health. 2023 , 3-33	О
3	Improving the Treatment Effect of Carotenoids on Alzheimer Disease through Various Nano-Delivery Systems. 2023 , 24, 7652	O
2	Dendrimer-enabled targeted delivery attenuates glutamate excitotoxicity and improves motor function in a rabbit model of cerebral palsy. 2023 , 358, 27-42	O
1	A Tumor Homing Peptide-Conjugated Poly(epsilon-lysine) Delivery System for Improved Antitumor Drug Loading and Targeting. 2023 . 29.	0