

# Barbara Klajnert-Maculewicz

## List of Publications by Year in descending order

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147  
papers

6,789  
citations

53751  
45  
h-index

74108  
75  
g-index

150  
all docs

150  
docs citations

150  
times ranked

6236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Triazine- <i>Carbosilane Dendrimers</i> Enhance Cellular Uptake and Phototoxic Activity of Rose Bengal in Basal Cell Skin Carcinoma Cells. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 1139-1154.	3.3	7
2	The effect of surface modification of dendronized gold nanoparticles on activation and release of pyroptosis-inducing pro-inflammatory cytokines in presence of bacterial lipopolysaccharide in monocytes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112652.	2.5	3
3	Evaluation of dendronized gold nanoparticles as siRNAs carriers into cancer cells. <i>Journal of Molecular Liquids</i> , 2021, 324, 114726.	2.3	15
4	Systematic Studies of Gold Nanoparticles Functionalised with Thioglucose and its Cytotoxic Effect. <i>ChemistrySelect</i> , 2021, 6, 1230-1237.	0.7	1
5	Nanoparticles for Directed Immunomodulation: Mannose-Functionalized Glycodendrimers Induce Interleukin-8 in Myeloid Cell Lines. <i>Biomacromolecules</i> , 2021, 22, 3396-3407.	2.6	5
6	Star-Shaped Poly(furfuryl glycidyl ether)-Block-Poly(glycerol glycerol ether) as an Efficient Agent for the Enhancement of Nifuratel Solubility and for the Formation of Injectable and Self-Healable Hydrogel Platforms for the Gynaecological Therapies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8386.	1.8	10
7	Noncovalent Interactions with PAMAM and PPI Dendrimers Promote the Cellular Uptake and Photodynamic Activity of Rose Bengal: The Role of the Dendrimer Structure. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15758-15771.	2.9	11
8	Synthesis and Shaping of Core-Shell Tecto Dendrimers for Biomedical Applications. <i>Bioconjugate Chemistry</i> , 2021, 32, 225-233.	1.8	11
9	Nanocarriers in photodynamic therapy- <i>in vitro</i> and <i>in vivo</i> studies. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1509.	3.3	46
10	Application of new lysine-based peptide dendrimers D3K2 and D3G2 for gene delivery: Specific cytotoxicity to cancer cells and transfection <i>in vitro</i> . <i>Bioorganic Chemistry</i> , 2020, 95, 103504.	2.0	47
11	Synthesis, Internalization and Visualization of N-(4-Carbomethoxy) Pyrrolidone Terminated PAMAM [G5:G3-TREN] Tecto(dendrimers) in Mammalian Cells. <i>Molecules</i> , 2020, 25, 4406.	1.7	16
12	Hydrophilic Polyhedral Oligomeric Silsesquioxane, POSS(OH) <sub>32</sub> , as a Complexing Nanocarrier for Doxorubicin and Daunorubicin. <i>Materials</i> , 2020, 13, 5512.	1.3	3
13	Poly(lysine) Dendrimers Form Complexes with siRNA and Provide Its Efficient Uptake by Myeloid Cells: Model Studies for Therapeutic Nucleic Acid Delivery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3138.	1.8	38
14	In Search of a Phosphorus Dendrimer-Based Carrier of Rose Bengal: Tyramine Linker Limits Fluorescent and Phototoxic Properties of a Photosensitizer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4456.	1.8	13
15	Silver Nanoparticles Surface-Modified with Carbosilane Dendrons as Carriers of Anticancer siRNA. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4647.	1.8	20
16	Glucose-modified carbosilane dendrimers: Interaction with model membranes and human serum albumin. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119138.	2.6	8
17	Physicochemical and <i>in vitro</i> cytotoxicity studies of inclusion complex between gemcitabine and cucurbit[7]uril host. <i>Bioorganic Chemistry</i> , 2020, 99, 103843.	2.0	7
18	Influence of Free Fatty Acids on Lipid Membrane-Nisin Interaction. <i>Langmuir</i> , 2020, 36, 13535-13544.	1.6	12

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19	Sugar Modification Enhances Cytotoxic Activity of PAMAM-Doxorubicin Conjugate in Glucose-Deprived MCF-7 Cells – Possible Role of GLUT1 Transporter. <i>Pharmaceutical Research</i> , 2019, 36, 140.	1.7	38
20	Cytotoxicity of Dendrimers. <i>Biomolecules</i> , 2019, 9, 330.	1.8	231
21	Pyrrolidone-modified PAMAM dendrimers enhance anti-inflammatory potential of indomethacin in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 959-962.	2.5	15
22	Non-Traditional Intrinsic Luminescence (NTIL): Dynamic Quenching Demonstrates the Presence of Two Distinct Fluorophore Types Associated with NTIL Behavior in Pyrrolidone-Terminated PAMAM Dendrimers. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18007-18016.	1.5	28
23	Multicomponent Conjugates of Anticancer Drugs and Monoclonal Antibody with PAMAM Dendrimers to Increase Efficacy of HER-2 Positive Breast Cancer Therapy. <i>Pharmaceutical Research</i> , 2019, 36, 154.	1.7	54
24	Molecular Mechanisms of Antitumor Activity of PAMAM Dendrimer Conjugates with Anticancer Drugs and a Monoclonal Antibody. <i>Polymers</i> , 2019, 11, 1422.	2.0	11
25	Fludarabine-Specific Molecular Interactions with Maltose-Modified Poly(propyleneimine) Dendrimer Enable Effective Cell Entry of the Active Drug Form: Comparison with Clofarabine. <i>Biomacromolecules</i> , 2019, 20, 1429-1442.	2.6	16
26	Effect of the Structure of Therapeutic Adenosine Analogues on Stability and Surface Electrostatic Potential of their Complexes with Poly(propyleneimine) Dendrimers. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900181.	2.0	11
27	PAMAM and PPI Dendrimers in Biophysical and Thermodynamic Studies on the Delivery of Therapeutic Nucleotides, Nucleosides and Nucleobase Derivatives for Anticancer Applications. <i>Series in Bioengineering</i> , 2019, , 183-243.	0.3	2
28	Zwitterionic Gadolinium(III)-Complexed Dendrimer-Entrapped Gold Nanoparticles for Enhanced Computed Tomography/Magnetic Resonance Imaging of Lung Cancer Metastasis. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 15212-15221.	4.0	93
29	Gold Nanoparticles in Cancer Treatment. <i>Molecular Pharmaceutics</i> , 2019, 16, 1-23.	2.3	371
30	Non-traditional intrinsic luminescence: inexplicable blue fluorescence observed for dendrimers, macromolecules and small molecular structures lacking traditional/conventional luminophores. <i>Progress in Polymer Science</i> , 2019, 90, 35-117.	11.8	247
31	Poly(propyleneimine) glycodendrimers non-covalently bind ATP in a pH- and salt-dependent manner – model studies for adenosine analogue drug delivery. <i>International Journal of Pharmaceutics</i> , 2018, 544, 83-90.	2.6	16
32	Pyrrolidone Modification Prevents PAMAM Dendrimers from Activation of Pro-Inflammatory Signaling Pathways in Human Monocytes. <i>Molecular Pharmaceutics</i> , 2018, 15, 12-20.	2.3	17
33	Glycodendrimer Nanocarriers for Direct Delivery of Fludarabine Triphosphate to Leukemic Cells: Improved Pharmacokinetics and Pharmacodynamics of Fludarabine. <i>Biomacromolecules</i> , 2018, 19, 531-543.	2.6	30
34	Terminal Sugar Moiety Determines Immunomodulatory Properties of Poly(propyleneimine) Glycodendrimers. <i>Biomacromolecules</i> , 2018, 19, 1562-1572.	2.6	10
35	Multivalent interacting glycodendrimer to prevent amyloid-peptide fibril formation induced by Cu(II): A multidisciplinary approach. <i>Nano Research</i> , 2018, 11, 1204-1226.	5.8	27
36	Conjugate of PAMAM Dendrimer, Doxorubicin and Monoclonal Antibody – Trastuzumab: The New Approach of a Well-Known Strategy. <i>Polymers</i> , 2018, 10, 187.	2.0	38

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37	Complexes of Indomethacin with 4-Carbomethoxy-pyrrolidone PAMAM Dendrimers Show Improved Anti-inflammatory Properties and Temperature-Dependent Binding and Release Profile. <i>Molecular Pharmaceutics</i> , 2018, 15, 3573-3582.	2.3	15
38	Determination of non-traditional intrinsic fluorescence (NTIF) emission sites in 1-(4-carbomethoxypyrrolidone)-PAMAM dendrimers using CNDP-based quenching studies. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	17
39	Intrinsic Fluorescence of PAMAM Dendrimers—Quenching Studies. <i>Polymers</i> , 2018, 10, 540.	2.0	16
40	Dendrimers as nanocarriers for nucleoside analogues. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 114, 43-56.	2.0	24
41	Dendrimers for fluorescence—based bioimaging. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1157-1166.	1.6	13
42	Mechanisms of Internalization of Maltose-Modified Poly(propyleneimine) Glycodendrimers into Leukemic Cell Lines. <i>Biomacromolecules</i> , 2017, 18, 1509-1520.	2.6	19
43	Binding of poly(amidoamine), carbosilane, phosphorus and hybrid dendrimers to thrombin—Constants and mechanisms. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 155, 11-16.	2.5	9
44	Cationic Phosphorus Dendrimer Enhances Photodynamic Activity of Rose Bengal against Basal Cell Carcinoma Cell Lines. <i>Molecular Pharmaceutics</i> , 2017, 14, 1821-1830.	2.3	24
45	Influence of core and maltose surface modification of PEIs on their interaction with plasma proteins—Human serum albumin and lysozyme. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 18-28.	2.5	10
46	Modified PAMAM dendrimer with 4-carbomethoxypyrrolidone surface groups-its uptake, efflux, and location in a cell. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 211-216.	2.5	31
47	Sugar-Modified Poly(propylene imine) Dendrimers Stimulate the NF- $\kappa$ B Pathway in a Myeloid Cell Line. <i>Pharmaceutical Research</i> , 2017, 34, 136-147.	1.7	22
48	Can dendrimer based nanoparticles fight neurodegenerative diseases? Current situation versus other established approaches. <i>Progress in Polymer Science</i> , 2017, 64, 23-51.	11.8	54
49	Unusual Enhancement of Doxorubicin Activity on Co-Delivery with Polyhedral Oligomeric Silsesquioxane (POSS). <i>Materials</i> , 2017, 10, 559.	1.3	11
50	Complexing Methylene Blue with Phosphorus Dendrimers to Increase Photodynamic Activity. <i>Molecules</i> , 2017, 22, 345.	1.7	15
51	Glycodendrimer PPI as a Potential Drug in Chronic Lymphocytic Leukaemia. The Influence of Glycodendrimer on Apoptosis in In Vitro B-CLL Cells Defined by Microarrays. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 102-114.	0.9	9
52	Sugar-modified poly(propylene imine) dendrimers as drug delivery agents for cytarabine to overcome drug resistance. <i>International Journal of Pharmaceutics</i> , 2016, 513, 572-583.	2.6	43
53	Two for the Price of One: PAMAM-Dendrimers with Mixed Phosphoryl Choline and Oligomeric Poly(Caprolactone) Surfaces. <i>Bioconjugate Chemistry</i> , 2016, 27, 1547-1557.	1.8	12
54	Fourier transform infrared spectroscopy (FTIR) characterization of the interaction of anti-cancer photosensitizers with dendrimers. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 535-544.	1.9	27

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55	In Vitro Studies of Polyhedral Oligo Silsesquioxanes: Evidence for Their Low Cytotoxicity. <i>Materials</i> , 2015, 8, 6062-6070.	1.3	21
56	Cationic phosphorus dendrimers and therapy for Alzheimer's disease. <i>New Journal of Chemistry</i> , 2015, 39, 4852-4859.	1.4	43
57	Phosphorus dendrimers and photodynamic therapy. Spectroscopic studies on two dendrimer-photosensitizer complexes: Cationic phosphorus dendrimer with rose bengal and anionic phosphorus dendrimer with methylene blue. <i>International Journal of Pharmaceutics</i> , 2015, 492, 266-274.	2.6	34
58	Anticancer siRNA cocktails as a novel tool to treat cancer cells. Part (B). Efficiency of pharmacological action. <i>International Journal of Pharmaceutics</i> , 2015, 485, 288-294.	2.6	71
59	Maltose modified poly(propylene imine) dendrimers as potential carriers of nucleoside analog 5'-triphosphates.. <i>International Journal of Pharmaceutics</i> , 2015, 495, 940-947.	2.6	27
60	PAMAM dendrimer with 4-carbomethoxypyrrolidone "In vitro assessment of neurotoxicity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 409-411.	1.7	23
61	Dendritic glycopolymers based on dendritic polyamine scaffolds: view on their synthetic approaches, characteristics and potential for biomedical applications. <i>Chemical Society Reviews</i> , 2015, 44, 3968-3996.	18.7	114
62	Advances in Combination Therapies Based on Nanoparticles for Efficacious Cancer Treatment: An Analytical Report. <i>Biomacromolecules</i> , 2015, 16, 1-27.	2.6	117
63	A viologen phosphorus dendritic molecule as a carrier of ATP and Mant-ATP: spectrofluorimetric and NMR studies. <i>New Journal of Chemistry</i> , 2014, 38, 6212-6222.	1.4	10
64	How to study dendrimers and dendriplexes III. Biodistribution, pharmacokinetics and toxicity in vivo. <i>Journal of Controlled Release</i> , 2014, 181, 40-52.	4.8	93
65	Stabilizing effect of small concentrations of PAMAM dendrimers at the insulin aggregation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 757-760.	2.5	20
66	Toxicity and proapoptotic activity of poly(propylene imine) glycodendrimers in vitro: Considering their contrary potential as biocompatible entity and drug molecule in cancer. <i>International Journal of Pharmaceutics</i> , 2014, 461, 391-402.	2.6	24
67	The antibacterial effect of the co-administration of poly(propylene imine) dendrimers and ciprofloxacin. <i>New Journal of Chemistry</i> , 2014, 38, 2987.	1.4	11
68	Interaction of cationic carbosilane dendrimers and their complexes with siRNA with erythrocytes and red blood cell ghosts. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 882-889.	1.4	23
69	Studying Complexes Between PPI Dendrimers and Mant-ATP. <i>Journal of Fluorescence</i> , 2013, 23, 349-356.	1.3	14
70	Contribution of hydrophobicity, DNA and proteins to the cytotoxicity of cationic PAMAM dendrimers. <i>International Journal of Pharmaceutics</i> , 2013, 454, 1-3.	2.6	18
71	Enhancement of antimicrobial activity by co-administration of poly(propylene imine) dendrimers and nadifloxacin. <i>New Journal of Chemistry</i> , 2013, 37, 4156.	1.4	18
72	Effect of viologen "phosphorus dendrimers on acetylcholinesterase and butyrylcholinesterase activities. <i>International Journal of Biological Macromolecules</i> , 2013, 54, 119-124.	3.6	22

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73	The influence of PAMAM dendrimers surface groups on their interaction with porcine pepsin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1982-1987.	1.1	32
74	Modified PAMAM dendrimer with 4-carbomethoxypyrrolidone surface groups reveals negligible toxicity against three rodent cell-lines. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 461-464.	1.7	59
75	The Influence of Maltotriose-Modified Poly(propylene imine) Dendrimers on the Chronic Lymphocytic Leukemia Cells <i>in Vitro</i> : Dense Shell G4 PPI. <i>Molecular Pharmaceutics</i> , 2013, 10, 2490-2501.	2.3	32
76	Complexation of HIV derived peptides with carbosilane dendrimers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 236-242.	2.5	40
77	Phosphorus Dendrimers as Carriers of siRNA—Characterisation of Dendriplexes. <i>Molecules</i> , 2013, 18, 4451-4466.	1.7	40
78	Promising Low-Toxicity of Viologen-Phosphorus Dendrimers against Embryonic Mouse Hippocampal Cells. <i>Molecules</i> , 2013, 18, 12222-12240.	1.7	19
79	Highly Organized Self-Assembled Dendriplexes Based on Poly(propylene imine) Glycodendrimer and Anti-HIV Oligodeoxynucleotides. <i>Current Medicinal Chemistry</i> , 2012, 19, 4708-4719.	1.2	14
80	Kinetics of Amyloid and Prion Fibril Formation in the Absence and Presence of Dense Shell Sugar-Decorated Dendrimers. <i>Current Medicinal Chemistry</i> , 2012, 19, 5907-5921.	1.2	12
81	Carbosilane Dendrimers are a Non-Viral Delivery System for Antisense Oligonucleotides: Characterization of Dendriplexes. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 57-73.	0.5	34
82	Cytotoxicity and Genotoxicity of Cationic Phosphorus-Containing Dendrimers. <i>Current Medicinal Chemistry</i> , 2012, 19, 6233-6240.	1.2	7
83	Dendrimers reduce toxicity of A $\beta$ 1-28 peptide during aggregation and accelerate fibril formation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 1372-1378.	1.7	49
84	Characteristics of complexes between poly(propylene imine) dendrimers and nucleotides. <i>New Journal of Chemistry</i> , 2012, 36, 1610.	1.4	14
85	Antimicrobial activity of poly(propylene imine) dendrimers. <i>New Journal of Chemistry</i> , 2012, 36, 2215.	1.4	46
86	siRNA carriers based on carbosilane dendrimers affect zeta potential and size of phospholipid vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2209-2216.	1.4	31
87	Cytotoxicity of PAMAM, PPI and maltose modified PPI dendrimers in Chinese hamster ovary (CHO) and human ovarian carcinoma (SKOV3) cells. <i>New Journal of Chemistry</i> , 2012, 36, 428-437.	1.4	61
88	The biodistribution of maltotriose modified poly(propylene imine) (PPI) dendrimers conjugated with fluorescein—proofs of crossing blood—brain barrier. <i>New Journal of Chemistry</i> , 2012, 36, 350-353.	1.4	48
89	Biological Properties of New Viologen-Phosphorus Dendrimers. <i>Molecular Pharmaceutics</i> , 2012, 9, 448-457.	2.3	85
90	Poly(propylene imine) dendrimers modified with maltose or maltotriose protect phosphorothioate oligodeoxynucleotides against nuclease activity. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 197-201.	1.0	20

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91	Surface modification of PAMAM dendrimer improves its biocompatibility. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012, 8, 815-817.	1.7	96
92	Impact of maltose modified poly(propylene imine) dendrimers on liver alcohol dehydrogenase (LADH) internal dynamics and structure. <i>New Journal of Chemistry</i> , 2012, 36, 1992.	1.4	8
93	Stability of Dendriplexes Formed by Anti-HIV Genetic Material and Poly(propylene imine) Dendrimers in the Presence of Glucosaminoglycans. <i>Journal of Physical Chemistry B</i> , 2012, 116, 14525-14532.	1.2	11
94	Modulation of biogenic amines content by poly(propylene imine) dendrimers in rats. <i>Journal of Physiology and Biochemistry</i> , 2012, 68, 447-454.	1.3	9
95	Molecular Properties of Lysine Dendrimers and their Interactions with $\alpha$ -Peptides and Neuronal Cells. <i>Current Medicinal Chemistry</i> , 2012, 20, 134-143.	1.2	53
96	Influence of dendrimers on red blood cells. <i>Cellular and Molecular Biology Letters</i> , 2012, 17, 21-35.	2.7	50
97	Phosphorus Dendrimers Affect Alzheimer's ( $A\beta_{1-28}$ ) Peptide and MAP-Tau Protein Aggregation. <i>Molecular Pharmaceutics</i> , 2012, 9, 458-469.	2.3	98
98	Influence of fourth generation poly(propyleneimine) dendrimers on blood cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2870-2880.	2.1	54
99	Genotoxicity of poly(propylene imine) dendrimers. <i>Biopolymers</i> , 2012, 97, 642-648.	1.2	32
100	Effect of phosphorus dendrimers on DMPC lipid membranes. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 408-413.	1.5	35
101	Cationic carbosilane dendrimers' lipid membrane interactions. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 401-407.	1.5	30
102	The influence of maltose modified poly(propylene imine) dendrimers on hen egg white lysozyme structure and thermal stability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 95, 103-108.	2.5	35
103	Dendrimers in Photodynamic Therapy. <i>Current Medicinal Chemistry</i> , 2012, 19, 4903-4912.	1.2	41
104	Cytotoxicity and Genotoxicity of Cationic Phosphorus-Containing Dendrimers. <i>Current Medicinal Chemistry</i> , 2012, 19, 6233-6240.	1.2	18
105	Cytotoxicity and genotoxicity of cationic phosphorus-containing dendrimers. <i>Current Medicinal Chemistry</i> , 2012, 19, 6233-40.	1.2	4
106	Interactions of phosphorus-containing dendrimers with liposomes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 221-226.	1.2	40
107	The influence of PAMAM-OH dendrimers on the activity of human erythrocytes ATPases. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 2714-2723.	1.4	28
108	Mechanism of neuroprotection of melatonin against beta-amyloid neurotoxicity. <i>Neuroscience</i> , 2011, 180, 229-237.	1.1	49



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109	<i>In vivo</i> toxicity of poly(propyleneimine) dendrimers. Journal of Biomedical Materials Research - Part A, 2011, 99A, 261-268.	2.1	96
110	Interaction of cationic phosphorus dendrimers (CPD) with charged and neutral lipid membranes. Colloids and Surfaces B: Biointerfaces, 2011, 82, 8-12.	2.5	41
111	Characterization of complexes formed by polypropylene imine dendrimers and anti-HIV oligonucleotides. Colloids and Surfaces B: Biointerfaces, 2011, 83, 360-366.	2.5	33
112	Time Evolution of the Aggregation Process of Peptides Involved in Neurodegenerative Diseases and Preventing Aggregation Effect of Phosphorus Dendrimers Studied by EPR. Biomacromolecules, 2010, 11, 3014-3021.	2.6	35
113	Effect of amyloid beta peptides A $\beta$ 1-28 and A $\beta$ 25-40 on model lipid membranes. Journal of Thermal Analysis and Calorimetry, 2010, 99, 741-747.	2.0	30
114	Metabolic limitations of the use of nucleoside analogs in cancer therapy may be overcome by application of nanoparticles as drug carriers: A review. Drug Development Research, 2010, 71, 383-394.	1.4	6
115	New Drug Delivery Nanosystem Combining Liposomal and Dendrimeric Technology (Liposomal) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	47
116	Influence of Surface Functionality of Poly(propylene imine) Dendrimers on Protease Resistance and Propagation of the Scrapie Prion Protein. Biomacromolecules, 2010, 11, 1314-1325.	2.6	81
117	Haemolytic activity of polyamidoamine dendrimers and the protective role of human serum albumin. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2010, 466, 1527-1534.	1.0	35
118	Binding Properties of Water-Soluble Carbosilane Dendrimers. Journal of Fluorescence, 2009, 19, 267-275.	1.3	21
119	Dendrimers in gene transfection. Biochemistry (Moscow), 2009, 74, 1070-1079.	0.7	50
120	Interactions between dendrimers and heparin and their implications for the anti-prion activity of dendrimers. New Journal of Chemistry, 2009, 33, 1087.	1.4	50
121	The Influence of Densely Organized Maltose Shells on the Biological Properties of Poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlock 135	1.7	135
122	Analysis of Interaction between Dendriplexes and Bovine Serum Albumin. Biomacromolecules, 2007, 8, 2059-2062.	2.6	47
123	Influence of phosphorus dendrimers on the aggregation of the prion peptide PrP 185-208. Biochemical and Biophysical Research Communications, 2007, 364, 20-25.	1.0	65
124	Water-soluble carbosilane dendrimers protect phosphorothioate oligonucleotides from binding to serum proteins. Organic and Biomolecular Chemistry, 2007, 5, 1886-1893.	1.5	55
125	Binding properties of polyamidoamine dendrimers. Journal of Applied Polymer Science, 2007, 103, 2036-2040.	1.3	21
126	EPR Study of the Interactions between Dendrimers and Peptides Involved in Alzheimer's and Prion Diseases. Macromolecular Bioscience, 2007, 7, 1065-1074.	2.1	81



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127	Interactions between PAMAM dendrimers and gallic acid molecules studied by spectrofluorimetric methods. <i>Bioelectrochemistry</i> , 2007, 70, 50-52.	2.4	11
128	Influence of heparin and dendrimers on the aggregation of two amyloid peptides related to Alzheimer's and prion diseases. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 577-582.	1.0	108
129	Influence of dendrimer's structure on its activity against amyloid fibril formation. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 21-28.	1.0	159
130	Dendrimer-protein interactions studied by tryptophan room temperature phosphorescence. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 1750-1756.	1.1	38
131	Cytotoxicity, haematotoxicity and genotoxicity of high molecular mass arborescent polyoxyethylene polymers with polyglycidol-block-containing shells. <i>Cell Biology International</i> , 2006, 30, 248-252.	1.4	33
132	Biological properties of low molecular mass peptide dendrimers. <i>International Journal of Pharmaceutics</i> , 2006, 309, 208-217.	2.6	67
133	DSC studies on interactions between low molecular mass peptide dendrimers and model lipid membranes. <i>International Journal of Pharmaceutics</i> , 2006, 327, 145-152.	2.6	49
134	Effect of dendrimers on pure acetylcholinesterase activity and structure. <i>Bioelectrochemistry</i> , 2006, 68, 56-59.	2.4	45
135	Molecular Interactions of Dendrimers with Amyloid Peptides: pH Dependence. <i>Biomacromolecules</i> , 2006, 7, 2186-2191.	2.6	83
136	Use of a Spectrofluorimetric Method to Monitor Changes of Human Serum Albumin Thermal Stability in the Presence of Polyamidoamine Dendrimers. <i>Journal of Fluorescence</i> , 2006, 16, 149-152.	1.3	16
137	PAMAM dendrimers and model membranes: Differential scanning calorimetry studies. <i>International Journal of Pharmaceutics</i> , 2005, 305, 154-166.	2.6	57
138	Dendrimer Interactions with Hydrophobic Fluorescent Probes and Human Serum Albumin. <i>Journal of Fluorescence</i> , 2005, 15, 21-28.	1.3	61
139	The effect of PAMAM dendrimers on human and bovine serum albumin at different pH and NaCl concentrations. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2005, 16, 1081-1093.	1.9	37
140	Influence of PAMAM dendrimers on human red blood cells. <i>Bioelectrochemistry</i> , 2004, 63, 189-191.	2.4	140
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