

# Marcelo Calderon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3705057/publications.pdf>

Version: 2024-02-01

152  
papers

5,764  
citations

81434

41  
h-index

100535

70  
g-index

159  
all docs

159  
docs citations

159  
times ranked

7579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocarriers for Skin Applications: Where Do We Stand?. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	58
2	Recent advances and future perspectives of Porous materials for biomedical applications. <i>Nanomedicine</i> , 2022, 17, 197-200.	1.7	5
3	One stone, many birds: Recent advances in functional nanogels for cancer nanotheranostics. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, 14, e1791.	3.3	12
4	A hybrid thermoresponsive plasmonic nanogel designed for NIR-mediated chemotherapy. , 2022, 137, 212842.		6
5	Synthesis and anisotropic growth of glycerol-based thermoresponsive NIR plasmonic nanogels. <i>European Polymer Journal</i> , 2022, 175, 111342.	2.6	1
6	Effect of conducting/thermoresponsive polymer ratio on multitasking nanogels. <i>Materials Science and Engineering C</i> , 2021, 119, 111598.	3.8	9
7	Chemo-specific designs for the enumeration of circulating tumor cells: advances in liquid biopsy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2946-2978.	2.9	8
8	Crosslinked casein micelles bound paclitaxel as enzyme activated intracellular drug delivery systems for cancer therapy. <i>European Polymer Journal</i> , 2021, 145, 110237.	2.6	14
9	Design and Testing of Efficient Mucus Penetrating Nanogels Pitfalls of Preclinical Testing and Lessons Learned. <i>Small</i> , 2021, 17, e2007963.	5.2	12
10	Smart Layer-by-Layer Polymeric Microreactors: pH-Triggered Drug Release and Attenuation of Cellular Oxidative Stress as Prospective Combination Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 18511-18524.	4.0	8
11	Polyglutamic acid-based crosslinked doxorubicin nanogels as an anti-metastatic treatment for triple negative breast cancer. <i>Journal of Controlled Release</i> , 2021, 332, 10-20.	4.8	35
12	A Dual Fluorescence Spin Label Probe for Visualization and Quantification of Target Molecules in Tissue by Multiplexed FLIM EPR Spectroscopy. <i>Angewandte Chemie</i> , 2021, 133, 15065-15071.	1.6	2
13	A Dual Fluorescence Spin Label Probe for Visualization and Quantification of Target Molecules in Tissue by Multiplexed FLIM EPR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14938-14944.	7.2	7
14	The Delivery Challenge of Genome Editing in Human Epithelia. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100847.	3.9	4
15	Synthesis, Self-Assembly, and Biological Activities of Pyrimidine-Based Cationic Amphiphiles. <i>ACS Omega</i> , 2021, 6, 103-112.	1.6	7
16	Exploiting cyanine dye J-aggregates/monomer equilibrium in hydrophobic protein pockets for efficient multi-step phototherapy: an innovative concept for smart nanotheranostics. <i>Nanoscale</i> , 2021, 13, 8909-8921.	2.8	9
17	Environmental Liquid Cell Technique for Improved Electron Microscopic Imaging of Soft Matter in Solution. <i>Microscopy and Microanalysis</i> , 2021, 27, 44-53.	0.2	4
18	Editorial: Nanomedicine in Cancer Targeting and Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 788210.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Effect of crosslinking density on thermoresponsive nanogels: A study on the size control and the kinetics release of biomacromolecules. <i>European Polymer Journal</i> , 2020, 124, 109478.	2.6	17
20	Effect of Core Nanostructure on the Thermomechanical Properties of Soft Nanoparticles. <i>Chemistry of Materials</i> , 2020, 32, 518-528.	3.2	9
21	Matrix Metalloproteinase-sensitive Multistage Nanogels Promote Drug Transport in 3D Tumor Model. <i>Theranostics</i> , 2020, 10, 91-108.	4.6	29
22	Mannose-Decorated Dendritic Polyglycerol Nanocarriers Drive Antiparasitic Drugs To Leishmania infantum-Infected Macrophages. <i>Pharmaceutics</i> , 2020, 12, 915.	2.0	8
23	The influence of shape and charge on protein corona composition in common gold nanostructures. <i>Materials Science and Engineering C</i> , 2020, 117, 111270.	3.8	29
24	Revealing the NIR-triggered chemotherapy therapeutic window of magnetic and thermoresponsive nanogels. <i>Nanoscale</i> , 2020, 12, 21635-21646.	2.8	13
25	Controlled Release of Therapeutics from Thermoresponsive Nanogels: A Thermal Magnetic Resonance Feasibility Study. <i>Cancers</i> , 2020, 12, 1380.	1.7	15
26	Polyglycerol-Based Thermoresponsive Nanocapsules Induce Skin Hydration and Serve as a Skin Penetration Enhancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 30136-30144.	4.0	11
27	Thermally self-assembled biodegradable poly(casein-g-N-isopropylacrylamide) unimers and their application in drug delivery for cancer therapy. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 446-455.	3.6	12
28	Protein corona formation and its influence on biomimetic magnetite nanoparticles. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4870-4882.	2.9	11
29	pH-Activatable Singlet Oxygen-Generating Boron-dipyrromethenes (BODIPYs) for Photodynamic Therapy and Bioimaging. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1699-1708.	2.9	41
30	Galvanic Replacement as a Synthetic Tool for the Construction of Anisotropic Magnetoplasmonic Nanocomposites with Synergistic Phototransducing and Magnetic Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 56839-56849.	4.0	2
31	Dermal Delivery of the High-Molecular-Weight Drug Tacrolimus by Means of Polyglycerol-Based Nanogels. <i>Pharmaceutics</i> , 2019, 11, 394.	2.0	18
32	Influence of Alkyl Chains of Modified Polysuccinimide-Based Polycationic Polymers on Polyplex Formation and Transfection. <i>Macromolecular Bioscience</i> , 2019, 19, e1900117.	2.1	7
33	The influence of the shape of Au nanoparticles on the catalytic current of fructose dehydrogenase. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7645-7657.	1.9	21
34	Stereocomplexed PLA microspheres: Control over morphology, drug encapsulation and anticancer activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110544.	2.5	26
35	NIR- and thermo-responsive semi-interpenetrated polypyrrole nanogels for imaging guided combinational photothermal and chemotherapy. <i>Journal of Controlled Release</i> , 2019, 311-312, 147-161.	4.8	64
36	Transglutaminase 1 Replacement Therapy Successfully Mitigates the Autosomal Recessive Congenital Ichthyosis Phenotype in Full-Thickness Skin Disease Equivalents. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1191-1195.	0.3	24

#	ARTICLE	IF	CITATIONS
37	Crossing biological barriers with nanogels to improve drug delivery performance. <i>Journal of Controlled Release</i> , 2019, 307, 221-246.	4.8	118
38	Critical parameters for the controlled synthesis of nanogels suitable for temperature-triggered protein delivery. <i>Materials Science and Engineering C</i> , 2019, 100, 141-151.	3.8	24
39	Can dermal delivery of therapeutics be improved using thermoresponsive nanogels?. <i>Nanomedicine</i> , 2019, 14, 2891-2895.	1.7	15
40	PEGylated dendritic polyglycerol conjugate targeting NCAM-expressing neuroblastoma: Limitations and challenges. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1169-1179.	1.7	10
41	Thermoresponsive nanogels with film-forming ability. <i>Polymer Chemistry</i> , 2018, 9, 1004-1011.	1.9	10
42	Selective Cell Isolation by Transferrin Functionalized Silane-Carbon Soot Mediated Superhydrophobic Micropatterns. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701581.	1.9	2
43	Enhanced topical delivery of dexamethasone by $\beta$ -cyclodextrin decorated thermoresponsive nanogels. <i>Nanoscale</i> , 2018, 10, 469-479.	2.8	44
44	Optimizing Circulating Tumor Cells™ Capture Efficiency of Magnetic Nanogels by Transferrin Decoration. <i>Polymers</i> , 2018, 10, 174.	2.0	13
45	Effect of Delivery Platforms Structure on the Epidermal Antigen Transport for Topical Vaccination. <i>Biomacromolecules</i> , 2018, 19, 4607-4616.	2.6	16
46	Understanding the elusive protein corona of thermoresponsive nanogels. <i>Nanomedicine</i> , 2018, 13, 2657-2668.	1.7	22
47	Nanoparticles from supramolecular polylactides overcome drug resistance of cancer cells. <i>European Polymer Journal</i> , 2018, 109, 117-123.	2.6	27
48	Semi-interpenetrated, dendritic, dual-responsive nanogels with cytochrome c corona induce controlled apoptosis in HeLa cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 130, 115-122.	2.0	11
49	Breaking the Barrier - Potent Anti-Inflammatory Activity following Efficient Topical Delivery of Etanercept using Thermoresponsive Nanogels. <i>Theranostics</i> , 2018, 8, 450-463.	4.6	58
50	A Facile, One-Pot, Surfactant-Free Nanoprecipitation Method for the Preparation of Nanogels from Polyglycerol-Drug Conjugates that Can Be Freely Assembled for Combination Therapy Applications. <i>Polymers</i> , 2018, 10, 398.	2.0	13
51	Modular approach for theranostic polymer conjugates with activatable fluorescence: Impact of linker design on the stimuli-induced release of doxorubicin. <i>Journal of Controlled Release</i> , 2018, 285, 200-211.	4.8	13
52	Temperature-Enhanced Follicular Penetration of Thermoresponsive Nanogels. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018, 232, 805-817.	1.4	10
53	Reverting the molecular fingerprint of tumor dormancy as a therapeutic strategy for glioblastoma. <i>FASEB Journal</i> , 2018, 32, 5835-5850.	0.2	11
54	Crosslinked casein-based micelles as a dually responsive drug delivery system. <i>Polymer Chemistry</i> , 2018, 9, 3499-3510.	1.9	41

#	ARTICLE	IF	CITATIONS
55	In vivo comparative study of distinct polymeric architectures bearing a combination of paclitaxel and doxorubicin at a synergistic ratio. <i>Journal of Controlled Release</i> , 2017, 257, 118-131.	4.8	48
56	Rational design of dendritic thermoresponsive nanogels that undergo phase transition under endolysosomal conditions. <i>Journal of Materials Chemistry B</i> , 2017, 5, 866-874.	2.9	23
57	Biocompatibility and characterization of polyglycerol-based thermoresponsive nanogels designed as novel drug-delivery systems and their intracellular localization in keratinocytes. <i>Nanotoxicology</i> , 2017, 11, 267-277.	1.6	52
58	Metallo-Polymer Chain Extension Controls the Morphology and Release Kinetics of Microparticles Composed of Terpyridine-Capped Polylactides and their Stereocomplexes. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600790.	2.0	16
59	Protein Corona Formation on Colloidal Polymeric Nanoparticles and Polymeric Nanogels: Impact on Cellular Uptake, Toxicity, Immunogenicity, and Drug Release Properties. <i>Biomacromolecules</i> , 2017, 18, 1762-1771.	2.6	98
60	Interactions of organic nanoparticles with proteins in physiological conditions. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4393-4405.	2.9	28
61	Formation and characterization of Langmuir and Langmuir-Blodgett films of Newkome-type dendrons in presence and absence of a therapeutic compound, for the development of surface mediated drug delivery systems. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 243-253.	5.0	7
62	Specific uptake mechanisms of well-tolerated thermoresponsive polyglycerol-based nanogels in antigen-presenting cells of the skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 116, 155-163.	2.0	20
63	EPR Technology as Sensitive Method for Oxidative Stress Detection in Primary and Secondary Keratinocytes Induced by Two Selected Nanoparticles. <i>Cell Biochemistry and Biophysics</i> , 2017, 75, 359-367.	0.9	7
64	PEGylated Dendritic Polyglycerol Conjugate Delivers Doxorubicin to the Parasitophorous Vacuole in <i>Leishmania infantum</i> Infections. <i>Macromolecular Bioscience</i> , 2017, 17, 1700098.	2.1	8
65	Unexpected Chiroptical Thermoresponsive Behavior of Helical Poly(phenylacetylene)s Bearing Elastin-Based Side Chains. <i>Angewandte Chemie</i> , 2017, 129, 11578-11583.	1.6	17
66	Unexpected Chiroptical Thermoresponsive Behavior of Helical Poly(phenylacetylene)s Bearing Elastin-Based Side Chains. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11420-11425.	7.2	41
67	Acid-sensitive lipidated doxorubicin prodrug entrapped in nanoemulsion impairs lung tumor metastasis in a breast cancer model. <i>Nanomedicine</i> , 2017, 12, 1751-1765.	1.7	29
68	How are we applying nanogel composites in biomedicine?. <i>Nanomedicine</i> , 2017, 12, 1627-1630.	1.7	5
69	Dendritic polyglycerol and N-isopropylacrylamide based thermoresponsive nanogels as smart carriers for controlled delivery of drugs through the hair follicle. <i>Nanoscale</i> , 2017, 9, 172-182.	2.8	53
70	Drug delivery across intact and disrupted skin barrier: Identification of cell populations interacting with penetrated thermoresponsive nanogels. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 116, 4-11.	2.0	32
71	Overcoming drug resistance with on-demand charged thermoresponsive dendritic nanogels. <i>Nanomedicine</i> , 2017, 12, 117-129.	1.7	25
72	Co-targeting the tumor endothelium and P-selectin-expressing glioblastoma cells leads to a remarkable therapeutic outcome. <i>ELife</i> , 2017, 6, .	2.8	50

#	ARTICLE	IF	CITATIONS
73	Responsive Nanogels for Anti-cancer Therapy. RSC Smart Materials, 2017, , 210-260.	0.1	2
74	Near Infrared Dye Conjugated Nanogels for Combined Photodynamic and Photothermal Therapies. Macromolecular Bioscience, 2016, 16, 1432-1441.	2.1	22
75	Transferrin Decorated Thermo-responsive Nanogels as Magnetic Trap Devices for Circulating Tumor Cells. Macromolecular Rapid Communications, 2016, 37, 439-445.	2.0	26
76	248 Cell populations interacting with thermo-responsive nanocarriers: targeting of anti-inflammatory drugs to skin. Journal of Investigative Dermatology, 2016, 136, S203.	0.3	0
77	Functionalized nanogels carrying an anticancer microRNA for glioblastoma therapy. Journal of Controlled Release, 2016, 239, 159-168.	4.8	81
78	Correlation between the chemical composition of thermo-responsive nanogels and their interaction with the skin barrier. Journal of Controlled Release, 2016, 243, 323-332.	4.8	42
79	Macromol. Biosci. 10/2016. Macromolecular Bioscience, 2016, 16, 1546-1546.	2.1	0
80	Restoring the oncosuppressor activity of microRNA-34a in glioblastoma using a polyglycerol-based polyplex. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2201-2214.	1.7	36
81	Fabrication of honeycomb films from highly functional dendritic structures: electrostatic force driven immobilization of biomolecules. Polymer Chemistry, 2016, 7, 4112-4120.	1.9	9
82	Topical application of nanoparticles: prospects and safety aspects (Conference Presentation). , 2016, , .		0
83	Identification of Dormancy-Associated MicroRNAs for the Design of Osteosarcoma-Targeted Dendritic Polyglycerol Nanopolyplexes. ACS Nano, 2016, 10, 2028-2045.	7.3	64
84	Immobilization of Stimuli-Responsive Nanogels onto Honeycomb Porous Surfaces and Controlled Release of Proteins. Langmuir, 2016, 32, 1854-1862.	1.6	35
85	Polymeric near-infrared absorbing dendritic nanogels for efficient in vivo photothermal cancer therapy. Nanoscale, 2016, 8, 5852-5856.	2.8	44
86	Responsive nanogels for application as smart carriers in endocytic pH-triggered drug delivery systems. European Polymer Journal, 2016, 78, 14-24.	2.6	48
87	Effects of thermo-responsivity and softness on skin penetration and cellular uptake of polyglycerol-based nanogels. Journal of Controlled Release, 2016, 228, 159-169.	4.8	63
88	New approaches from nanomedicine for treating leishmaniasis. Chemical Society Reviews, 2016, 45, 152-168.	18.7	93
89	Bispecific Antibodies for Targeted Delivery of Dendritic Polyglycerol (dPG) Prodrug Conjugates. Current Cancer Drug Targets, 2016, 16, 639-649.	0.8	9
90	Abstract B42: Dysregulation of key microRNAs controlling tumor-host interactions triggers escape from osteosarcoma dormancy. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
91	Stimuli-responsive nanogel composites and their application in nanomedicine. <i>Chemical Society Reviews</i> , 2015, 44, 6161-6186.	18.7	449
92	Chitosan-g-oligo(epsilon-caprolactone) polymeric micelles: microwave-assisted synthesis and physicochemical and cytocompatibility characterization. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4853-4864.	2.9	28
93	Dendritic polymers for smart drug delivery applications. <i>Nanoscale</i> , 2015, 7, 3806-3807.	2.8	29
94	Hair follicles as a target structure for nanoparticles. <i>Journal of Innovative Optical Health Sciences</i> , 2015, 08, 1530004.	0.5	52
95	Facile ultrasonication approach for the efficient synthesis of ethylene glycol-based thermoresponsive nanogels. <i>RSC Advances</i> , 2015, 5, 15407-15413.	1.7	11
96	One-pot synthesis of doxorubicin-loaded multiresponsive nanogels based on hyperbranched polyglycerol. <i>Chemical Communications</i> , 2015, 51, 5264-5267.	2.2	22
97	Nitric Oxide Releasing Nanomaterials for Cancer Treatment: Current Status and Perspectives. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 298-308.	1.0	56
98	Engineering thermoresponsive polyether-based nanogels for temperature dependent skin penetration. <i>Polymer Chemistry</i> , 2015, 6, 5827-5831.	1.9	49
99	Polymeric soft nanocarriers as smart drug delivery systems: State-of-the-art and future perspectives. <i>Biotechnology Advances</i> , 2015, 33, 1277-1278.	6.0	11
100	Self-propelled carbon nanotube based microrockets for rapid capture and isolation of circulating tumor cells. <i>Nanoscale</i> , 2015, 7, 8684-8688.	2.8	25
101	Thermosensitive dendritic polyglycerol-based nanogels for cutaneous delivery of biomacromolecules. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1179-1187.	1.7	74
102	First generation newkome-type dendrimer as solubility enhancer of antitumor benzimidazole carbamate. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 82, 351-359.	0.9	5
103	Structure-activity relationship study of dendritic polyglycerolamines for efficient siRNA transfection. <i>RSC Advances</i> , 2015, 5, 78760-78770.	1.7	14
104	Dendritic polyglycerol sulfate as a novel platform for paclitaxel delivery: pitfalls of ester linkage. <i>Nanoscale</i> , 2015, 7, 3923-3932.	2.8	32
105	Dendritic amphiphiles as additives for honeycomb-like patterned surfaces by breath figures: Role of the molecular characteristics on the pore morphology. <i>Journal of Colloid and Interface Science</i> , 2015, 440, 263-271.	5.0	21
106	Thermoresponsive Nanodevices in Biomedical Applications. <i>Macromolecular Bioscience</i> , 2015, 15, 183-199.	2.1	61
107	Dendritic polymer imaging systems for the evaluation of conjugate uptake and cleavage. <i>Nanoscale</i> , 2015, 7, 3838-3844.	2.8	12
108	Nanoscale self-assembled multivalent (SAMul) heparin binders in highly competitive, biologically relevant, aqueous media. <i>Chemical Science</i> , 2014, 5, 1484.	3.7	42

#	ARTICLE	IF	CITATIONS
109	Double-degradable responsive self-assembled multivalent arrays " temporary nanoscale recognition between dendrons and DNA. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 446-455.	1.5	33
110	Fabrication of thermoresponsive nanogels by thermo-nanoprecipitation and <i>in situ</i> encapsulation of bioactives. <i>Polymer Chemistry</i> , 2014, 5, 6909-6913.	1.9	56
111	Polyglycerol-based amphiphilic dendrons as potential siRNA carriers for <i>in vivo</i> applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2153-2167.	2.9	32
112	Positively Charged Thermoresponsive Nanogels for Anticancer Drug Delivery. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 2414-2419.	1.1	42
113	Imaging of doxorubicin release from theranostic macromolecular prodrugs via fluorescence resonance energy transfer. <i>Journal of Controlled Release</i> , 2014, 194, 189-196.	4.8	46
114	Receptor Mediated Cellular Uptake of Low Molecular Weight Dendritic Polyglycerols. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 92-99.	0.5	12
115	&A Special Issue on& Polymer Conjugate Based Nanotherapeutics. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1-3.	0.5	48
116	Abstract 4391: Multi-modal nanomedicine for glioblastoma. , 2014, , .		1
117	Abstract LB-104: Reverting the angiogenic switch of glioblastoma with a nanopolyplex based on the molecular fingerprint of tumor dormancy. , 2014, , .		0
118	Targeted Delivery of Dendritic Polyglycerol" Doxorubicin Conjugates by scFv-SNAP Fusion Protein Suppresses EGFR <sup>+</sup> Cancer Cell Growth. <i>Biomacromolecules</i> , 2013, 14, 2510-2520.	2.6	62
119	Anionic Dendritic Polymers for Biomedical Applications. , 2013, , 56-72.		4
120	Effects of a PEG additive on the biomolecular interactions of self-assembled dendron nanostructures. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8403.	1.5	12
121	Dendritic polyglycerolamine as a functional antifouling coating of gold surfaces. <i>Journal of Materials Chemistry</i> , 2012, 22, 19488.	6.7	30
122	Multivalent Dendritic Architectures for Theranostics. <i>Nanostructure Science and Technology</i> , 2012, , 315-344.	0.1	2
123	Glycine-Terminated Dendritic Amphiphiles for Nonviral Gene Delivery. <i>Biomacromolecules</i> , 2012, 13, 3087-3098.	2.6	60
124	Multifunctional dendritic polymers in nanomedicine: opportunities and challenges. <i>Chemical Society Reviews</i> , 2012, 41, 2824-2848.	18.7	384
125	Functional Nanogels for Biomedical Applications. <i>Current Medicinal Chemistry</i> , 2012, 19, 5029-5043.	1.2	79
126	Abstract 5650: Targeting siRNA to tumors and their stroma as a dual anticancer and anti-angiogenic therapy. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
127	Degradable Self-Assembling Dendrons for Gene Delivery: Experimental and Theoretical Insights into the Barriers to Cellular Uptake. <i>Journal of the American Chemical Society</i> , 2011, 133, 20288-20300.	6.6	166
128	Thermosensitive nanogels based on dendritic polyglycerol and N-isopropylacrylamide for biomedical applications. <i>Soft Matter</i> , 2011, 7, 11259.	1.2	72
129	Development of efficient acid cleavable multifunctional prodrugs derived from dendritic polyglycerol with a poly(ethylene glycol) shell. <i>Journal of Controlled Release</i> , 2011, 151, 295-301.	4.8	111
130	Size-Dependent Cellular Uptake of Dendritic Polyglycerol. <i>Small</i> , 2011, 7, 820-829.	5.2	56
131	New dendronized polymers from acrylate Behera amine and their ability to produce visco-elastic structured fluids when mixed with CTAT worm-like micelles. <i>Journal of Colloid and Interface Science</i> , 2011, 357, 147-156.	5.0	20
132	Synthesis and physicochemical characterization of branched poly(monomethyl itaconate). <i>E-Polymers</i> , 2010, 10, .	1.3	0
133	Development of efficient macromolecular prodrugs derived from dendritic polyglycerol. <i>Journal of Controlled Release</i> , 2010, 148, e24-e25.	4.8	16
134	siRNA transfection by dendritic core-shell nanocarriers. <i>Journal of Controlled Release</i> , 2010, 148, e89.	4.8	2
135	Dendritic Polyglycerols for Biomedical Applications. <i>Advanced Materials</i> , 2010, 22, 190-218.	11.1	590
136	Structure-biocompatibility relationship of dendritic polyglycerol derivatives. <i>Biomaterials</i> , 2010, 31, 4268-4277.	5.7	114
137	Hyperbranched Polyamines for Transfection. <i>Topics in Current Chemistry</i> , 2010, 296, 95-129.	4.0	31
138	<i>In vivo</i> delivery of small interfering RNA to tumors and their vasculature by novel dendritic nanocarriers. <i>FASEB Journal</i> , 2010, 24, 3122-3134.	0.2	115
139	Functional dendritic polymer architectures as stimuli-responsive nanocarriers. <i>Biochimie</i> , 2010, 92, 1242-1251.	1.3	126
140	Novel chemoenzymatic methodology for the regioselective glycine loading on polyhydroxy compounds. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2228.	1.5	16
141	Dendritic Polyglycerols with Oligoamine Shells Show Low Toxicity and High siRNA Transfection Efficiency in Vitro. <i>Bioconjugate Chemistry</i> , 2010, 21, 1744-1752.	1.8	69
142	Synthesis of amphiphilic dendrons and their interactions in aqueous solutions with cetyltrimethylammonium p-toluenesulfonate (CTAT). <i>Journal of Colloid and Interface Science</i> , 2009, 336, 462-469.	5.0	4
143	Development of enzymatically cleavable prodrugs derived from dendritic polyglycerol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3725-3728.	1.0	102
144	Abstract A132: Development of efficient macromolecular prodrugs derived from dendritic polyglycerol. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
145	Evaluation of a new dendrimeric structure as prospective drugs carrier for intravenous administration of antichagasic active compounds. <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 1079-1085.	0.9	21
146	Development of enzymatically cleavable doxorubicin conjugates with polyglycerol. <i>Journal of Controlled Release</i> , 2008, 132, e54-e55.	4.8	19
147	Electrochemical Study of a Dendritic Family at the Water/1,2-Dichloroethane Interface. <i>Langmuir</i> , 2008, 24, 6343-6350.	1.6	22
148	Synthesis and Characterization of Dendronized Polymers. <i>Macromolecular Symposia</i> , 2007, 258, 53-62.	0.4	7
149	Polyfunctional MDI oligomers through dendrimerization. <i>European Polymer Journal</i> , 2007, 43, 1978-1985.	2.6	11
150	Functionalised supports with sugar dendritic ligand. <i>Reactive and Functional Polymers</i> , 2007, 67, 1018-1026.	2.0	21
151	Nanocarriers for Skin Applications: <i>Where Do We Stand?</i> . <i>Angewandte Chemie</i> , 0, , .	1.6	0
152	Nanogel-Mediated Protein Replacement Therapy for Autosomal Recessive Congenital Ichthyosis (ARCI). , 0, , .		2