

# Marcelo Calderon

## List of Publications by Year in descending order

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152  
papers

5,764  
citations

71102

41  
h-index

88630

70  
g-index

159  
all docs

159  
docs citations

159  
times ranked

6769  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendritic Polyglycerols for Biomedical Applications. <i>Advanced Materials</i> , 2010, 22, 190-218.	21.0	590
2	Stimuli-responsive nanogel composites and their application in nanomedicine. <i>Chemical Society Reviews</i> , 2015, 44, 6161-6186.	38.1	449
3	Multifunctional dendritic polymers in nanomedicine: opportunities and challenges. <i>Chemical Society Reviews</i> , 2012, 41, 2824-2848.	38.1	384
4	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.	13.7	166
5	Functional dendritic polymer architectures as stimuli-responsive nanocarriers. <i>Biochimie</i> , 2010, 92, 1242-1251.	2.6	126
6	Crossing biological barriers with nanogels to improve drug delivery performance. <i>Journal of Controlled Release</i> , 2019, 307, 221-246.	9.9	118
7	<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.	0.5	115
8	Structure-biocompatibility relationship of dendritic polyglycerol derivatives. <i>Biomaterials</i> , 2010, 31, 4268-4277.	11.4	114
9	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.	9.9	111
10	Development of enzymatically cleavable prodrugs derived from dendritic polyglycerol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3725-3728.	2.2	102
11	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.	5.4	98
12	New approaches from nanomedicine for treating leishmaniasis. <i>Chemical Society Reviews</i> , 2016, 45, 152-168.	38.1	93
13	Functionalized nanogels carrying an anticancer microRNA for glioblastoma therapy. <i>Journal of Controlled Release</i> , 2016, 239, 159-168.	9.9	81
14	Functional Nanogels for Biomedical Applications. <i>Current Medicinal Chemistry</i> , 2012, 19, 5029-5043.	2.4	79
15	Thermosensitive dendritic polyglycerol-based nanogels for cutaneous delivery of biomacromolecules. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1179-1187.	3.3	74
16	Thermosensitive nanogels based on dendritic polyglycerol and N-isopropylacrylamide for biomedical applications. <i>Soft Matter</i> , 2011, 7, 11259.	2.7	72
17	Dendritic Polyglycerols with Oligoamine Shells Show Low Toxicity and High siRNA Transfection Efficiency in Vitro. <i>Bioconjugate Chemistry</i> , 2010, 21, 1744-1752.	3.6	69
18	Identification of Dormancy-Associated MicroRNAs for the Design of Osteosarcoma-Targeted Dendritic Polyglycerol Nanopolyplexes. <i>ACS Nano</i> , 2016, 10, 2028-2045.	14.6	64

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19	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.	9.9	64
20	Effects of thermoresponsivity and softness on skin penetration and cellular uptake of polyglycerol-based nanogels. <i>Journal of Controlled Release</i> , 2016, 228, 159-169.	9.9	63
21	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.	5.4	62
22	Thermoresponsive Nanodevices in Biomedical Applications. <i>Macromolecular Bioscience</i> , 2015, 15, 183-199.	4.1	61
23	Glycine-Terminated Dendritic Amphiphiles for Nonviral Gene Delivery. <i>Biomacromolecules</i> , 2012, 13, 3087-3098.	5.4	60
24	Breaking the Barrier - Potent Anti-Inflammatory Activity following Efficient Topical Delivery of Etenarcept using Thermoresponsive Nanogels. <i>Theranostics</i> , 2018, 8, 450-463.	10.0	58
25	Nanocarriers for Skin Applications: Where Do We Stand?. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	58
26	Size-Dependant Cellular Uptake of Dendritic Polyglycerol. <i>Small</i> , 2011, 7, 820-829.	10.0	56
27	Fabrication of thermoresponsive nanogels by thermo-nanoprecipitation and <i>in situ</i> encapsulation of bioactives. <i>Polymer Chemistry</i> , 2014, 5, 6909-6913.	3.9	56
28	Nitric Oxide Releasing Nanomaterials for Cancer Treatment: Current Status and Perspectives. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 298-308.	2.1	56
29	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.	5.6	53
30	Hair follicles as a target structure for nanoparticles. <i>Journal of Innovative Optical Health Sciences</i> , 2015, 08, 1530004.	1.0	52
31	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.	3.0	52
32	Co-targeting the tumor endothelium and P-selectin-expressing glioblastoma cells leads to a remarkable therapeutic outcome. <i>ELife</i> , 2017, 6, .	6.0	50
33	Engineering thermoresponsive polyether-based nanogels for temperature dependent skin penetration. <i>Polymer Chemistry</i> , 2015, 6, 5827-5831.	3.9	49
34	&lt;&gt;A Special Issue on&lt;&gt; Polymer Conjugate Based Nanotherapeutics. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1-3.	1.1	48
35	Responsive nanogels for application as smart carriers in endocytic pH-triggered drug delivery systems. <i>European Polymer Journal</i> , 2016, 78, 14-24.	5.4	48
36	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.	9.9	48

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37	Imaging of doxorubicin release from theranostic macromolecular prodrugs via fluorescence resonance energy transfer. <i>Journal of Controlled Release</i> , 2014, 194, 189-196.	9.9	46
38	Polymeric near-infrared absorbing dendritic nanogels for efficient in vivo photothermal cancer therapy. <i>Nanoscale</i> , 2016, 8, 5852-5856.	5.6	44
39	Enhanced topical delivery of dexamethasone by $\beta$ -cyclodextrin decorated thermoresponsive nanogels. <i>Nanoscale</i> , 2018, 10, 469-479.	5.6	44
40	Nanoscale self-assembled multivalent (SAMul) heparin binders in highly competitive, biologically relevant, aqueous media. <i>Chemical Science</i> , 2014, 5, 1484.	7.4	42
41	Positively Charged Thermoresponsive Nanogels for Anticancer Drug Delivery. <i>Macromolecular Chemistry and Physics</i> , 2014, 215, 2414-2419.	2.2	42
42	Correlation between the chemical composition of thermoresponsive nanogels and their interaction with the skin barrier. <i>Journal of Controlled Release</i> , 2016, 243, 323-332.	9.9	42
43	Unexpected Chirothermoresponsive Behavior of Helical Poly(phenylacetylene)s Bearing Elastin-Based Side Chains. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11420-11425.	13.8	41
44	Crosslinked casein-based micelles as a dually responsive drug delivery system. <i>Polymer Chemistry</i> , 2018, 9, 3499-3510.	3.9	41
45	pH-Activatable Singlet Oxygen-Generating Boron-dipyromethenes (BODIPYs) for Photodynamic Therapy and Bioimaging. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1699-1708.	6.4	41
46	Restoring the oncosuppressor activity of microRNA-34a in glioblastoma using a polyglycerol-based polyplex. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2201-2214.	3.3	36
47	Immobilization of Stimuli-Responsive Nanogels onto Honeycomb Porous Surfaces and Controlled Release of Proteins. <i>Langmuir</i> , 2016, 32, 1854-1862.	3.5	35
48	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.	9.9	35
49	Double-degradable responsive self-assembled multivalent arrays – temporary nanoscale recognition between dendrons and DNA. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 446-455.	2.8	33
50	Polyglycerol-based amphiphilic dendrons as potential siRNA carriers for in vivo applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2153-2167.	5.8	32
51	Dendritic polyglycerol sulfate as a novel platform for paclitaxel delivery: pitfalls of ester linkage. <i>Nanoscale</i> , 2015, 7, 3923-3932.	5.6	32
52	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.	4.3	32
53	Hyperbranched Polyamines for Transfection. <i>Topics in Current Chemistry</i> , 2010, 296, 95-129.	4.0	31
54	Dendritic polyglycerolamine as a functional antifouling coating of gold surfaces. <i>Journal of Materials Chemistry</i> , 2012, 22, 19488.	6.7	30

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55	Dendritic polymers for smart drug delivery applications. <i>Nanoscale</i> , 2015, 7, 3806-3807.	5.6	29
56	Acid-sensitive lipidated doxorubicin prodrug entrapped in nanoemulsion impairs lung tumor metastasis in a breast cancer model. <i>Nanomedicine</i> , 2017, 12, 1751-1765.	3.3	29
57	Matrix Metalloproteinase-sensitive Multistage Nanogels Promote Drug Transport in 3D Tumor Model. <i>Theranostics</i> , 2020, 10, 91-108.	10.0	29
58	The influence of shape and charge on protein corona composition in common gold nanostructures. <i>Materials Science and Engineering C</i> , 2020, 117, 111270.	7.3	29
59	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.	5.8	28
60	Interactions of organic nanoparticles with proteins in physiological conditions. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4393-4405.	5.8	28
61	Nanoparticles from supramolecular polylactides overcome drug resistance of cancer cells. <i>European Polymer Journal</i> , 2018, 109, 117-123.	5.4	27
62	Transferrin Decorated Thermoresponsive Nanogels as Magnetic Trap Devices for Circulating Tumor Cells. <i>Macromolecular Rapid Communications</i> , 2016, 37, 439-445.	3.9	26
63	Stereocomplexed PLA microspheres: Control over morphology, drug encapsulation and anticancer activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110544.	5.0	26
64	Self-propelled carbon nanotube based microrockets for rapid capture and isolation of circulating tumor cells. <i>Nanoscale</i> , 2015, 7, 8684-8688.	5.6	25
65	Overcoming drug resistance with on-demand charged thermoresponsive dendritic nanogels. <i>Nanomedicine</i> , 2017, 12, 117-129.	3.3	25
66	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.	0.7	24
67	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.	7.3	24
68	Rational design of dendritic thermoresponsive nanogels that undergo phase transition under endolysosomal conditions. <i>Journal of Materials Chemistry B</i> , 2017, 5, 866-874.	5.8	23
69	Electrochemical Study of a Dendritic Family at the Water/1,2-Dichloroethane Interface. <i>Langmuir</i> , 2008, 24, 6343-6350.	3.5	22
70	One-pot synthesis of doxorubicin-loaded multiresponsive nanogels based on hyperbranched polyglycerol. <i>Chemical Communications</i> , 2015, 51, 5264-5267.	4.1	22
71	Near Infrared Dye Conjugated Nanogels for Combined Photodynamic and Photothermal Therapies. <i>Macromolecular Bioscience</i> , 2016, 16, 1432-1441.	4.1	22
72	Understanding the elusive protein corona of thermoresponsive nanogels. <i>Nanomedicine</i> , 2018, 13, 2657-2668.	3.3	22

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73	Functionalised supports with sugar dendritic ligand. <i>Reactive and Functional Polymers</i> , 2007, 67, 1018-1026.	4.1	21
74	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.	1.9	21
75	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.	9.4	21
76	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.	3.7	21
77	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.	9.4	20
78	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.	4.3	20
79	Development of enzymatically cleavable doxorubicin conjugates with polyglycerol. <i>Journal of Controlled Release</i> , 2008, 132, e54-e55.	9.9	19
80	Dermal Delivery of the High-Molecular-Weight Drug Tacrolimus by Means of Polyglycerol-Based Nanogels. <i>Pharmaceutics</i> , 2019, 11, 394.	4.5	18
81	Unexpected Chirothermoresponsive Behavior of Helical Poly(phenylacetylene)s Bearing Elastin-Based Side Chains. <i>Angewandte Chemie</i> , 2017, 129, 11578-11583.	2.0	17
82	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.	5.4	17
83	Development of efficient macromolecular prodrugs derived from dendritic polyglycerol. <i>Journal of Controlled Release</i> , 2010, 148, e24-e25.	9.9	16
84	Novel chemoenzymatic methodology for the regioselective glycine loading on polyhydroxy compounds. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2228.	2.8	16
85	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.	3.9	16
86	Effect of Delivery Platforms Structure on the Epidermal Antigen Transport for Topical Vaccination. <i>Biomacromolecules</i> , 2018, 19, 4607-4616.	5.4	16
87	Can dermal delivery of therapeutics be improved using thermoresponsive nanogels?. <i>Nanomedicine</i> , 2019, 14, 2891-2895.	3.3	15
88	Controlled Release of Therapeutics from Thermoresponsive Nanogels: A Thermal Magnetic Resonance Feasibility Study. <i>Cancers</i> , 2020, 12, 1380.	3.7	15
89	Structure-activity relationship study of dendritic polyglycerolamines for efficient siRNA transfection. <i>RSC Advances</i> , 2015, 5, 78760-78770.	3.6	14
90	Crosslinked casein micelles bound paclitaxel as enzyme activated intracellular drug delivery systems for cancer therapy. <i>European Polymer Journal</i> , 2021, 145, 110237.	5.4	14

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91	Optimizing Circulating Tumor Cells™ Capture Efficiency of Magnetic Nanogels by Transferrin Decoration. <i>Polymers</i> , 2018, 10, 174.	4.5	13
92	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.	4.5	13
93	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.	9.9	13
94	Revealing the NIR-triggered chemotherapy therapeutic window of magnetic and thermoresponsive nanogels. <i>Nanoscale</i> , 2020, 12, 21635-21646.	5.6	13
95	Effects of a PEG additive on the biomolecular interactions of self-assembled dendron nanostructures. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8403.	2.8	12
96	Receptor Mediated Cellular Uptake of Low Molecular Weight Dendritic Polyglycerols. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 92-99.	1.1	12
97	Dendritic polymer imaging systems for the evaluation of conjugate uptake and cleavage. <i>Nanoscale</i> , 2015, 7, 3838-3844.	5.6	12
98	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.	7.5	12
99	Design and Testing of Efficient Mucus-Penetrating Nanogels” Pitfalls of Preclinical Testing and Lessons Learned. <i>Small</i> , 2021, 17, e2007963.	10.0	12
100	One stone, many birds: Recent advances in functional nanogels for cancer nanotheranostics. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, 14, e1791.	6.1	12
101	Polyfunctional MDI oligomers through dendrimerization. <i>European Polymer Journal</i> , 2007, 43, 1978-1985.	5.4	11
102	Facile ultrasonication approach for the efficient synthesis of ethylene glycol-based thermoresponsive nanogels. <i>RSC Advances</i> , 2015, 5, 15407-15413.	3.6	11
103	Polymeric soft nanocarriers as smart drug delivery systems: State-of-the-art and future perspectives. <i>Biotechnology Advances</i> , 2015, 33, 1277-1278.	11.7	11
104	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.	4.3	11
105	Reverting the molecular fingerprint of tumor dormancy as a therapeutic strategy for glioblastoma. <i>FASEB Journal</i> , 2018, 32, 5835-5850.	0.5	11
106	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.	8.0	11
107	Protein corona formation and its influence on biomimetic magnetite nanoparticles. <i>Journal of Materials Chemistry B</i> , 2020, 8, 4870-4882.	5.8	11
108	PEGylated dendritic polyglycerol conjugate targeting NCAM-expressing neuroblastoma: Limitations and challenges. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1169-1179.	3.3	10

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109	Thermoresponsive nanogels with film-forming ability. <i>Polymer Chemistry</i> , 2018, 9, 1004-1011.	3.9	10
110	Temperature-Enhanced Follicular Penetration of Thermoresponsive Nanogels. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018, 232, 805-817.	2.8	10
111	Fabrication of honeycomb films from highly functional dendritic structures: electrostatic force driven immobilization of biomolecules. <i>Polymer Chemistry</i> , 2016, 7, 4112-4120.	3.9	9
112	Effect of Core Nanostructure on the Thermomechanical Properties of Soft Nanoparticles. <i>Chemistry of Materials</i> , 2020, 32, 518-528.	6.7	9
113	Effect of conducting/thermoresponsive polymer ratio on multitasking nanogels. <i>Materials Science and Engineering C</i> , 2021, 119, 111598.	7.3	9
114	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.	5.6	9
115	Bispecific Antibodies for Targeted Delivery of Dendritic Polyglycerol (dPG) Prodrug Conjugates. <i>Current Cancer Drug Targets</i> , 2016, 16, 639-649.	1.6	9
116	PEGylated Dendritic Polyglycerol Conjugate Delivers Doxorubicin to the Parasitophorous Vacuole in <i>Leishmania infantum</i> Infections. <i>Macromolecular Bioscience</i> , 2017, 17, 1700098.	4.1	8
117	Mannose-Decorated Dendritic Polyglycerol Nanocarriers Drive Antiparasitic Drugs To <i>Leishmania infantum</i> -Infected Macrophages. <i>Pharmaceutics</i> , 2020, 12, 915.	4.5	8
118	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.	5.8	8
119	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.	8.0	8
120	Synthesis and Characterization of Dendronized Polymers. <i>Macromolecular Symposia</i> , 2007, 258, 53-62.	0.7	7
121	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.	9.4	7
122	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.	1.8	7
123	Influence of Alkyl Chains of Modified Polysuccinimide-Based Polycationic Polymers on Polyplex Formation and Transfection. <i>Macromolecular Bioscience</i> , 2019, 19, e1900117.	4.1	7
124	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.	13.8	7
125	Synthesis, Self-Assembly, and Biological Activities of Pyrimidine-Based Cationic Amphiphiles. <i>ACS Omega</i> , 2021, 6, 103-112.	3.5	7
126	A hybrid thermoresponsive plasmonic nanogel designed for NIR-mediated chemotherapy. , 2022, 137, 212842.		6



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127	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.	1.6	5
128	How are we applying nanogel composites in biomedicine?. <i>Nanomedicine</i> , 2017, 12, 1627-1630.	3.3	5
129	Recent advances and future perspectives of porous materials for biomedical applications. <i>Nanomedicine</i> , 2022, 17, 197-200.	3.3	5
130	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.	9.4	4
131	The Delivery Challenge of Genome Editing in Human Epithelia. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100847.	7.6	4
132	Environmental Liquid Cell Technique for Improved Electron Microscopic Imaging of Soft Matter in Solution. <i>Microscopy and Microanalysis</i> , 2021, 27, 44-53.	0.4	4
133	Anionic Dendritic Polymers for Biomedical Applications. , 2013, , 56-72.		4
134	siRNA transfection by dendritic core-shell nanocarriers. <i>Journal of Controlled Release</i> , 2010, 148, e89.	9.9	2
135	Multivalent Dendritic Architectures for Theranostics. <i>Nanostructure Science and Technology</i> , 2012, , 315-344.	0.1	2
136	Selective Cell Isolation by Transferrin Functionalized Silane-Carbon Soot Mediated Superhydrophobic Micropatterns. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701581.	3.7	2
137	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.	2.0	2
138	Nanogel-Mediated Protein Replacement Therapy for Autosomal Recessive Congenital Ichthyosis (ARCI). , 0, , .		2
139	Editorial: Nanomedicine in Cancer Targeting and Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 788210.	2.8	2
140	Responsive Nanogels for Anti-cancer Therapy. <i>RSC Smart Materials</i> , 2017, , 210-260.	0.1	2
141	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.	8.0	2
142	Abstract 4391: Multi-modal nanomedicine for glioblastoma. , 2014, , .		1
143	Synthesis and anisotropic growth of glycerol-based thermoresponsive NIR plasmonic nanogels. <i>European Polymer Journal</i> , 2022, 175, 111342.	5.4	1
144	Synthesis and physicochemical characterization of branched poly(monomethyl itaconate). <i>E-Polymers</i> , 2010, 10, .	3.0	0

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145	248 Cell populations interacting with thermoresponsive nanocarriers: targeting of anti-inflammatory drugs to skin. <i>Journal of Investigative Dermatology</i> , 2016, 136, S203.	0.7	0
146	Macromol. Biosci. 10/2016. <i>Macromolecular Bioscience</i> , 2016, 16, 1546-1546.	4.1	0
147	Topical application of nanoparticles: prospects and safety aspects (Conference Presentation). , 2016, , .		0
148	Nanocarriers for Skin Applications: Where Do We Stand?. <i>Angewandte Chemie</i> , 0, , .	2.0	0
149	Abstract A132: Development of efficient macromolecular prodrugs derived from dendritic polyglycerol. , 2009, , .		0
150	Abstract 5650: Targeting siRNA to tumors and their stroma as a dual anticancer and anti-angiogenic therapy. , 2012, , .		0
151	Abstract LB-104: Reverting the angiogenic switch of glioblastoma with a nanopolyplex based on the molecular fingerprint of tumor dormancy. , 2014, , .		0
152	Abstract B42: Dysregulation of key microRNAs controlling tumor-host interactions triggers escape from osteosarcoma dormancy. , 2016, , .		0