

Ernst Wagner

List of Publications by Year in descending order

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Version: 2024-02-01

478
papers

35,824
citations

4103

90
h-index

5739

167
g-index

516
all docs

516
docs citations

516
times ranked

24367
citing authors

#	ARTICLE	IF	CITATIONS
1	Receptor-Targeted Dual pH-Triggered Intracellular Protein Transfer. ACS Biomaterials Science and Engineering, 2024, 10, 99-114.	2.6	3
2	Transferrin Receptor Targeted Polyplexes Completely Comprised of Sequence-Defined Components. Macromolecular Rapid Communications, 2022, 43, e2100602.	2.0	11
3	Cross-Linkable Polyion Complex Micelles from Polypept(o)-Based ABC-Triblock Copolymers for siRNA Delivery. Macromolecular Rapid Communications, 2022, 43, e2100698.	2.0	5
4	Non-viral delivery of the CRISPR/Cas system: DNA versus RNA versus RNP. Biomaterials Science, 2022, 10, 1166-1192.	2.6	40
5	Performance of nanoparticles for biomedical applications: The <i>in vitro</i> / <i>in vivo</i> discrepancy. Biophysics Reviews, 2022, 3, .	1.0	10
6	Genome-wide association analyses of symptom severity among clozapine-treated patients with schizophrenia spectrum disorders. Translational Psychiatry, 2022, 12, 145.	2.4	12
7	Targeting nucleic acid-based therapeutics to tumors: Challenges and strategies for polyplexes. Journal of Controlled Release, 2022, 346, 110-135.	4.8	23
8	The sodium iodide symporter (NIS) as theranostic gene: its emerging role in new imaging modalities and non-viral gene therapy. EJNMMI Research, 2022, 12, 25.	1.1	10
9	CAR T Cells Targeting Membrane-Bound Hsp70 on Tumor Cells Mimic Hsp70-Primed NK Cells. Frontiers in Immunology, 2022, 13, .	2.2	10
10	Optimizing synthetic nucleic acid and protein nanocarriers: The chemical evolution approach. Advanced Drug Delivery Reviews, 2021, 168, 30-54.	6.6	49
11	Hyaluronate siRNA nanoparticles with positive charge display rapid attachment to tumor endothelium and penetration into tumors. Journal of Controlled Release, 2021, 329, 919-933.	4.8	25
12	Synergistic Combination of Calcium and Citrate in Mesoporous Nanoparticles Targets Pleural Tumors. Chem, 2021, 7, 480-494.	5.8	11
13	Regional Hyperthermia Enhances Mesenchymal Stem Cell Recruitment to Tumor Stroma: Implications for Mesenchymal Stem Cell-Based Tumor Therapy. Molecular Therapy, 2021, 29, 788-803.	3.7	16
14	Optimizing pDNA Lipo-polyplexes: A Balancing Act between Stability and Cargo Release. Biomacromolecules, 2021, 22, 1282-1296.	2.6	18
15	Transient Permeabilization of Living Cells: Combining Shear Flow and Acoustofluidic Trapping for the Facilitated Uptake of Molecules. Processes, 2021, 9, 913.	1.3	11
16	The sodium iodide symporter (NIS): novel applications for radionuclide imaging and treatment. Endocrine-Related Cancer, 2021, 28, T193-T213.	1.6	21
17	Dynamic mRNA polyplexes benefit from bioreducible cleavage sites for <i>in vitro</i> and <i>in vivo</i> transfer. Journal of Controlled Release, 2021, 339, 27-40.	4.8	20
18	Controlling Nanoparticle Formulation: A Low-Budget Prototype for the Automation of a Microfluidic Platform. Processes, 2021, 9, 129.	1.3	8

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19	Gene Therapy "Made in Germany" A Historical Perspective, Analysis of the Status Quo, and Recommendations for Action by the German Society for Gene Therapy. <i>Human Gene Therapy</i> , 2021, 32, 987-996.	1.4	3
20	Selective sodium iodide symporter (NIS) gene therapy of glioblastoma mediated by EGFR-targeted lipopolyplexes. <i>Molecular Therapy - Oncolytics</i> , 2021, 23, 432-446.	2.0	11
21	NK Cells Armed with Chimeric Antigen Receptors (CAR): Roadblocks to Successful Development. <i>Cells</i> , 2021, 10, 3390.	1.8	17
22	Double Click-Functionalized siRNA Polyplexes for Gene Silencing in Epidermal Growth Factor Receptor-Positive Tumor Cells. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1074-1089.	2.6	18
23	A Multistage Cooperative Nanoplatfom Enables Intracellular Co-Delivery of Proteins and Chemotherapeutics for Cancer Therapy. <i>Advanced Materials</i> , 2020, 32, e2000013.	11.1	104
24	Versatile, Multifunctional Block Copolymers for the Self-Assembly of Well-Defined, Nontoxic pDNA Polyplexes. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5469-5481.	2.0	4
25	Non-Viral Targeted Nucleic Acid Delivery: Apply Sequences for Optimization. <i>Pharmaceutics</i> , 2020, 12, 888.	2.0	13
26	Impact of smoking behavior on clozapine blood levels " a systematic review and meta-analysis. <i>Acta Psychiatrica Scandinavica</i> , 2020, 142, 456-466.	2.2	49
27	Nucleic Acid-Based Approaches for Tumor Therapy. <i>Cells</i> , 2020, 9, 2061.	1.8	40
28	Particle-Size-Dependent Delivery of Antitumoral miRNA Using Targeted Mesoporous Silica Nanoparticles. <i>Pharmaceutics</i> , 2020, 12, 505.	2.0	27
29	Tuning the Morphological Appearance of Iron(III) Fumarate: Impact on Material Characteristics and Biocompatibility. <i>Chemistry of Materials</i> , 2020, 32, 2253-2263.	3.2	19
30	Artificial peptides for antitumoral siRNA delivery. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2020-2031.	2.9	8
31	Delivery of Cas9/sgRNA Ribonucleoprotein Complexes via Hydroxystearyl Oligoamino Amides. <i>Bioconjugate Chemistry</i> , 2020, 31, 729-742.	1.8	26
32	Effective control of tumor growth through spatial and temporal control of theranostic sodium iodide symporter (<i>NIS</i>) gene expression using a heat-inducible gene promoter in engineered mesenchymal stem cells. <i>Theranostics</i> , 2020, 10, 4490-4506.	4.6	19
33	Protein-drug conjugate programmed by pH-reversible linker for tumor hypoxia relief and enhanced cancer combination therapy. <i>International Journal of Pharmaceutics</i> , 2020, 582, 119321.	2.6	26
34	Polymer-Based Tumor-targeted Nanosystems. , 2020, , 371-411.		0
35	TGFB1-driven mesenchymal stem cell-mediated NIS gene transfer. <i>Endocrine-Related Cancer</i> , 2019, 26, 89-101.	1.6	16
36	Co-delivery of pretubulysin and siEG5 to EGFR overexpressing carcinoma cells. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118570.	2.6	16

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37	Supramolecular Assembly of Aminoethylene-Lipopeptide PMO Conjugates into RNA Splice-Switching Nanomicelles. <i>Advanced Functional Materials</i> , 2019, 29, 1906432.	7.8	14
38	Downregulation of GRK5 hampers the migration of breast cancer cells. <i>Scientific Reports</i> , 2019, 9, 15548.	1.6	13
39	Core-Shell Functionalized Zirconium-Pemetrexed Coordination Nanoparticles as Carriers with a High Drug Content. <i>Advanced Therapeutics</i> , 2019, 2, 1900120.	1.6	12
40	Polymeric Carriers for Nucleic Acid Delivery: Current Designs and Future Directions. <i>Biomacromolecules</i> , 2019, 20, 3613-3626.	2.6	67
41	Dual-targeted NIS polyplexes—a theranostic strategy toward tumors with heterogeneous receptor expression. <i>Gene Therapy</i> , 2019, 26, 93-108.	2.3	22
42	Targeting APLN/APLNR Improves Antiangiogenic Efficiency and Blunts Proinvasive Side Effects of VEGFA/VEGFR2 Blockade in Glioblastoma. <i>Cancer Research</i> , 2019, 79, 2298-2313.	0.4	56
43	Combined antitumoral effects of pretubulysin and methotrexate. <i>Pharmacology Research and Perspectives</i> , 2019, 7, e00460.	1.1	10
44	Radiation-Induced Amplification of TGF β 1-Induced Mesenchymal Stem Cell-Mediated Sodium Iodide Symporter (<i>i>NIS</i>) Gene 131I Therapy. <i>Clinical Cancer Research</i>, 2019, 25, 5997-6008.</i>	3.2	18
45	Combinatorial siRNA Polyplexes for Receptor Targeting. <i>Methods in Molecular Biology</i> , 2019, 1974, 83-98.	0.4	2
46	IL4-Receptor-Targeted Dual Antitumoral Apoptotic Peptide-siRNA Conjugate Lipoplexes. <i>Advanced Functional Materials</i> , 2019, 29, 1900697.	7.8	26
47	Combination Chemotherapy of L1210 Tumors in Mice with Pretubulysin and Methotrexate Lipo-Oligomer Nanoparticles. <i>Molecular Pharmaceutics</i> , 2019, 16, 2405-2417.	2.3	7
48	Coordinative Binding of Polymers to Metal-Organic Framework Nanoparticles for Control of Interactions at the Biointerface. <i>ACS Nano</i> , 2019, 13, 3884-3895.	7.3	73
49	Sequence-Defined Cationic Lipo-Oligomers Containing Unsaturated Fatty Acids for Transfection. <i>Methods in Molecular Biology</i> , 2019, 1943, 1-25.	0.4	1
50	Synthesis of Polyethylenimine-Based Nanocarriers for Systemic Tumor Targeting of Nucleic Acids. <i>Methods in Molecular Biology</i> , 2019, 1943, 83-99.	0.4	7
51	Size tunable nanoparticle formation employing droplet fusion by acoustic streaming applied to polyplexes. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 244002.	1.3	5
52	Targeting actin inhibits repair of doxorubicin-induced DNA damage: a novel therapeutic approach for combination therapy. <i>Cell Death and Disease</i> , 2019, 10, 302.	2.7	29
53	ANGI-03. PHARMACOLOGICAL TARGETING OF APELIN/APLNR SIGNALING BLUNTS THERAPY RESISTANCE TO VEGFA/VEGFR2 ANTI-ANGIOGENIC TREATMENT IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2019, 21, vi30-vi30.	0.6	0
54	Inducible microRNA-200c decreases motility of breast cancer cells and reduces filamin A. <i>PLoS ONE</i> , 2019, 14, e0224314.	1.1	13

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55	MiRNA-27a sensitizes breast cancer cells to treatment with Selective Estrogen Receptor Modulators. <i>Breast</i> , 2019, 43, 31-38.	0.9	25
56	Click-Shielded and Targeted Lipopolyplexes. <i>Methods in Molecular Biology</i> , 2019, 2036, 141-164.	0.4	9
57	Exploring Cytotoxic mRNAs as a Novel Class of Anti-cancer Biotherapeutics. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018, 8, 141-151.	1.8	9
58	Highly Crystalline Multicolor Carbon Nanodots for Dual-Modal Imaging-Guided Photothermal Therapy of Glioma. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4031-4040.	4.0	63
59	A proteomic analysis of an in vitro knock-out of miR-200c. <i>Scientific Reports</i> , 2018, 8, 6927.	1.6	7
60	Folate receptor-directed orthogonal click-functionalization of siRNA lipopolyplexes for tumor cell killing in vivo. <i>Biomaterials</i> , 2018, 178, 630-642.	5.7	57
61	EGFR Targeting and Shielding of pDNA Lipopolyplexes via Bivalent Attachment of a Sequence-Defined PEG Agent. <i>Macromolecular Bioscience</i> , 2018, 18, 1700203.	2.1	18
62	2. Nanomedicines for targeted therapy. , 2018, , 16-36.		0
63	Precise Enzymatic Cleavage Sites for Improved Bioactivity of siRNA Lipo-Polyplexes. <i>Bioconjugate Chemistry</i> , 2018, 29, 3649-3657.	1.8	12
64	Bioresponsive polyplexes “chemically programmed for nucleic acid delivery. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 1067-1083.	2.4	22
65	Epidermal growth factor receptor targeted methotrexate and small interfering RNA co-delivery. <i>Journal of Gene Medicine</i> , 2018, 20, e3041.	1.4	20
66	Novel PAMAM-PEG-Peptide Conjugates for siRNA Delivery Targeted to the Transferrin and Epidermal Growth Factor Receptors. <i>Journal of Personalized Medicine</i> , 2018, 8, 4.	1.1	17
67	Efficient Shielding of Polyplexes Using Heterotelechelic Polysarcosines. <i>Polymers</i> , 2018, 10, 689.	2.0	23
68	External Beam Radiation Therapy Enhances Mesenchymal Stem Cell-Mediated Sodium-Iodide Symporter Gene Delivery. <i>Human Gene Therapy</i> , 2018, 29, 1287-1300.	1.4	21
69	A proteomic analysis of chemoresistance development via sequential treatment with doxorubicin reveals novel players in MCF7 breast cancer cells. <i>International Journal of Molecular Medicine</i> , 2018, 42, 1987-1997.	1.8	7
70	In vivo tracking of adipose tissue grafts with cadmium-telluride quantum dots. <i>Archives of Plastic Surgery</i> , 2018, 45, 111-117.	0.4	0
71	How to Tackle the Challenge of siRNA Delivery with Sequence-Defined Oligoamino Amides. <i>Macromolecular Bioscience</i> , 2017, 17, 1600152.	2.1	19
72	Multifunctional Nanoparticles by Coordinative Self-Assembly of His-Tagged Units with Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2017, 139, 2359-2368.	6.6	171

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73	Polyplex Evolution: Understanding Biology, Optimizing Performance. <i>Molecular Therapy</i> , 2017, 25, 1476-1490.	3.7	146
74	History of Polymeric Gene Delivery Systems. <i>Topics in Current Chemistry</i> , 2017, 375, 26.	3.0	58
75	Systemic tumor-targeted sodium iodide symporter (NIS) gene therapy of hepatocellular carcinoma mediated by B6 peptide polyplexes. <i>Journal of Gene Medicine</i> , 2017, 19, e2957.	1.4	20
76	Antitumoral Cascade-Targeting Ligand for IL-6 Receptor-Mediated Gene Delivery to Glioma. <i>Molecular Therapy</i> , 2017, 25, 1556-1566.	3.7	40
77	Combining reactive triblock copolymers with functional cross-linkers: A versatile pathway to disulfide stabilized-polyplex libraries and their application as pDNA vaccines. <i>Journal of Controlled Release</i> , 2017, 258, 146-160.	4.8	27
78	Toward Artificial Immunotoxins: Traceless Reversible Conjugation of RNase A with Receptor Targeting and Endosomal Escape Domains. <i>Molecular Pharmaceutics</i> , 2017, 14, 1439-1449.	2.3	24
79	Nanoparticle Technology: Having Impact, but Needing Further Optimization. <i>Molecular Therapy</i> , 2017, 25, 1461-1463.	3.7	4
80	Microfluidic self-assembly of folate-targeted monomolecular siRNA-lipid nanoparticles. <i>Nanoscale</i> , 2017, 9, 7442-7453.	2.8	52
81	Augmented glioma-targeted theranostics using multifunctional polymer-coated carbon nanodots. <i>Biomaterials</i> , 2017, 141, 29-39.	5.7	52
82	Sequence-Defined Oligoamide Drug Conjugates of Pretubulysin and Methotrexate for Folate Receptor Targeted Cancer Therapy. <i>Macromolecular Bioscience</i> , 2017, 17, 1600520.	2.1	16
83	Design of Poly-L-glutamate-Based Complexes for pDNA Delivery. <i>Macromolecular Bioscience</i> , 2017, 17, 1700029.	2.1	7
84	Reintroducing the Sodium Iodide Symporter to Anaplastic Thyroid Carcinoma. <i>Thyroid</i> , 2017, 27, 1534-1543.	2.4	21
85	Minicircle Versus Plasmid DNA Delivery by Receptor-Targeted Polyplexes. <i>Human Gene Therapy</i> , 2017, 28, 862-874.	1.4	21
86	Optimized Solid-Phase-Assisted Synthesis of Oleic Acid Containing siRNA Nanocarriers. <i>ChemMedChem</i> , 2017, 12, 1464-1470.	1.6	19
87	Cadmium Telluride Quantum Dots as a Fluorescence Marker for Adipose Tissue Grafts. <i>Annals of Plastic Surgery</i> , 2017, 78, 217-222.	0.5	2
88	Systemic Delivery of Folate-PEG siRNA Lipopolyplexes with Enhanced Intracellular Stability for In Vivo Gene Silencing in Leukemia. <i>Bioconjugate Chemistry</i> , 2017, 28, 2393-2409.	1.8	42
89	Lipo-Oligomer Nanoformulations for Targeted Intracellular Protein Delivery. <i>Biomacromolecules</i> , 2017, 18, 2509-2520.	2.6	28
90	Intracellular Delivery of Nanobodies for Imaging of Target Proteins in Live Cells. <i>Pharmaceutical Research</i> , 2017, 34, 161-174.	1.7	26

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91	Solid-phase supported design of carriers for therapeutic nucleic acid delivery. Bioscience Reports, 2017, 37, .	1.1	7
92	Influence of Defined Hydrophilic Blocks within Oligoaminoamide Copolymers: Compaction versus Shielding of pDNA Nanoparticles. Polymers, 2017, 9, 142.	2.0	17
93	Imaging and targeted therapy of pancreatic ductal adenocarcinoma using the theranostic sodium iodide symporter (NIS) gene. Oncotarget, 2017, 8, 33393-33404.	0.8	33
94	Enhancing Endosomal Exit of Nucleic Acids Using pH-Sensitive Viral Fusion Peptides. , 2017, , 247-266.		2
95	Monitoring integrity and localization of modified single-stranded RNA oligonucleotides using ultrasensitive fluorescence methods. PLoS ONE, 2017, 12, e0173401.	1.1	10
96	EGFR-targeted nonviral NIS gene transfer for bioimaging and therapy of disseminated colon cancer metastases. Oncotarget, 2017, 8, 92195-92208.	0.8	18
97	Non-Viral Delivery Vehicles. , 2017, , 1272-1275.		0
98	Hypoxia-targeted 131I therapy of hepatocellular cancer after systemic mesenchymal stem cell-mediated sodium iodide symporter gene delivery. Oncotarget, 2016, 7, 54795-54810.	0.8	31
99	Controllable Acoustic Mixing of Fluids in Microchannels for the Fabrication of Therapeutic Nanoparticles. Micromachines, 2016, 7, 150.	1.4	25
100	Targeted siRNA Delivery Using a Lipo-oligoaminoamide Nanocore with an Influenza Peptide and Transferrin Shell. Advanced Healthcare Materials, 2016, 5, 1493-1504.	3.9	47
101	493. Nonviral Gene Transfer by Sequence-Defined Proton-Sponges with Combined Nucleic Acid Binding and Endosomal Buffering: Balancing Basicities. Molecular Therapy, 2016, 24, S195.	3.7	0
102	Sequence-defined cMET/HGFR-targeted Polymers as Gene Delivery Vehicles for the Theranostic Sodium Iodide Symporter (NIS) Gene. Molecular Therapy, 2016, 24, 1395-1404.	3.7	30
103	Consecutive salinomycin treatment reduces doxorubicin resistance of breast tumor cells by diminishing drug efflux pump expression and activity. Oncology Reports, 2016, 35, 1732-1740.	1.2	39
104	Specially-Made Lipid-Based Assemblies for Improving Transmembrane Gene Delivery: Comparison of Basic Amino Acid Residue Rich Periphery. Molecular Pharmaceutics, 2016, 13, 1809-1821.	2.3	34
105	Imparting Functionality to MOF Nanoparticles by External Surface Selective Covalent Attachment of Polymers. Chemistry of Materials, 2016, 28, 3318-3326.	3.2	218
106	Call for papers: Nanoparticle Development and Applications in Cellular and Molecular Therapies. Molecular Therapy, 2016, 24, 1334-1335.	3.7	3
107	EGF receptor targeted lipo-oligocation polyplexes for antitumoral siRNA and miRNA delivery. Nanotechnology, 2016, 27, 464001.	1.3	37
108	Precise redox-sensitive cleavage sites for improved bioactivity of siRNA lipopolyplexes. Nanoscale, 2016, 8, 18098-18104.	2.8	40

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109	From Artificial Amino Acids to Sequence-Defined Targeted Oligoaminoamides. <i>Methods in Molecular Biology</i> , 2016, 1445, 235-258.	0.4	6
110	Ring-Shaped Microlanes and Chemical Barriers as a Platform for Probing Single-Cell Migration. <i>Scientific Reports</i> , 2016, 6, 26858.	1.6	16
111	DNA as Tunable Adaptor for siRNA Polyplex Stabilization and Functionalization. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e288.	2.3	9
112	Acid-labile pHPMA modification of four-arm oligoaminoamide pDNA polyplexes balances shielding and gene transfer activity in vitro and in vivo. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 105, 85-96.	2.0	16
113	Post-PEGylation of siRNA Lipo-oligoamino Amide Polyplexes Using Tetra-glutamylated Folic Acid as Ligand for Receptor-Targeted Delivery. <i>Molecular Pharmaceutics</i> , 2016, 13, 2332-2345.	2.3	29
114	Tumoral gene silencing by receptor-targeted combinatorial siRNA polyplexes. <i>Journal of Controlled Release</i> , 2016, 244, 280-291.	4.8	40
115	Highly efficient siRNA delivery from core-shell mesoporous silica nanoparticles with multifunctional polymer caps. <i>Nanoscale</i> , 2016, 8, 4007-4019.	2.8	97
116	pH-Reversible Cationic RNase A Conjugates for Enhanced Cellular Delivery and Tumor Cell Killing. <i>Biomacromolecules</i> , 2016, 17, 173-182.	2.6	42
117	Dual antitumoral potency of EG5 siRNA nanoplexes armed with cytotoxic bifunctional glutamyl-methotrexate targeting ligand. <i>Biomaterials</i> , 2016, 77, 98-110.	5.7	57
118	Combinatorial Optimization of Sequence-Defined Oligo(ethan amino)amides for Folate Receptor-Targeted pDNA and siRNA Delivery. <i>Bioconjugate Chemistry</i> , 2016, 27, 647-659.	1.8	38
119	Salinomycin co-treatment enhances tamoxifen cytotoxicity in luminal A breast tumor cells by facilitating lysosomal degradation of receptor tyrosine kinases. <i>Oncotarget</i> , 2016, 7, 50461-50476.	0.8	17
120	Self-assembled amphiphilic sequence-defined PEGylated three-arm oligo(ethan amino)amides via NCL reaction for drug delivery: Impact of building blocks on controlled release. <i>Journal of Controlled Release</i> , 2015, 213, e14-e15.	4.8	0
121	Combination of sequence-defined oligoaminoamides with transferrin polycation conjugates for receptor-targeted gene delivery. <i>Journal of Gene Medicine</i> , 2015, 17, 161-172.	1.4	22
122	Alternation of histone and DNA methylation in human atherosclerotic carotid plaques. <i>Thrombosis and Haemostasis</i> , 2015, 114, 390-402.	1.8	60
123	Enhanced Intracellular Protein Transduction by Sequence Defined Tetraoleoyl Oligoaminoamides Targeted for Cancer Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 6627-6636.	7.8	38
124	Peptide-like Polymers Exerting Effective Glioma-Targeted siRNA Delivery and Release for Therapeutic Application. <i>Small</i> , 2015, 11, 5142-5150.	5.2	51
125	Evaluation of improved PAMAM-G5 conjugates for gene delivery targeted to the transferrin receptor. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 116-122.	2.0	12
126	Traceless pH sensitive coating of polyplexes prepared from well-defined polycations. <i>Journal of Controlled Release</i> , 2015, 213, e70.	4.8	0

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127	Defined Polymeric Materials for Gene Delivery. <i>Macromolecular Bioscience</i> , 2015, 15, 600-612.	2.1	53
128	Twin disulfides as opportunity for improving stability and transfection efficiency of oligoaminoethane polyplexes. <i>Journal of Controlled Release</i> , 2015, 205, 109-119.	4.8	32
129	Histidine-rich stabilized polyplexes for cMet-directed tumor-targeted gene transfer. <i>Nanoscale</i> , 2015, 7, 5350-5362.	2.8	61
130	Mesenchymal Stem Cell-Mediated, Tumor Stroma-Targeted Radioiodine Therapy of Metastatic Colon Cancer Using the Sodium Iodide Symporter as Theranostic Gene. <i>Journal of Nuclear Medicine</i> , 2015, 56, 600-606.	2.8	66
131	Combining polyethylenimine and Fe(III) for mediating pDNA transfection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 1325-1335.	1.1	6
132	Assessing potential peptide targeting ligands by quantification of cellular adhesion of model nanoparticles under flow conditions. <i>Journal of Controlled Release</i> , 2015, 213, 79-85.	4.8	19
133	Tumor-Targeted Delivery of Anti-microRNA for Cancer Therapy: pH-LIP is Key. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5824-5826.	7.2	16
134	Nucleic Acid Therapeutics Using Polyplexes: A Journey of 50 Years (and Beyond). <i>Chemical Reviews</i> , 2015, 115, 11043-11078.	23.0	495
135	Multifunctional polymer-capped mesoporous silica nanoparticles for pH-responsive targeted drug delivery. <i>Nanoscale</i> , 2015, 7, 7953-7964.	2.8	134
136	Multifunctional Oligoaminoamides for the Receptor-Specific Delivery of Therapeutic RNA. <i>Methods in Molecular Biology</i> , 2015, 1324, 369-386.	0.4	1
137	Sequence-defined nucleic acid carriers combining distinct modules for complexation, shielding, receptor-targeting and endosomal escape. <i>Journal of Controlled Release</i> , 2015, 213, e106-e107.	4.8	1
138	Fast Characterization of Polyplexes by Taylor Dispersion Analysis. <i>Macromolecules</i> , 2015, 48, 7216-7221.	2.2	14
139	Dual-Targeted Polyplexes Based on Sequence-Defined Peptide-PEG-Oligoamino Amides. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 464-475.	1.6	34
140	Sequence-Defined Oligoaminoamides for the Delivery of siRNAs. <i>Methods in Molecular Biology</i> , 2015, 1206, 15-27.	0.4	11
141	The Actin Targeting Compound Chondramide Inhibits Breast Cancer Metastasis via Reduction of Cellular Contractility. <i>PLoS ONE</i> , 2014, 9, e112542.	1.1	26
142	Sequential Salinomycin Treatment Results in Resistance Formation through Clonal Selection of Epithelial-Like Tumor Cells. <i>Translational Oncology</i> , 2014, 7, 702-711.	1.7	10
143	Sequence-defined polymers for the delivery of oligonucleotides. <i>Nanomedicine</i> , 2014, 9, 2843-2859.	1.7	16
144	Sequence-defined shuttles for targeted nucleic acid and protein delivery. <i>Therapeutic Delivery</i> , 2014, 5, 1025-1045.	1.2	3

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145	V-ATPase Inhibition Regulates Anoikis Resistance and Metastasis of Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 926-937.	1.9	64
146	V-ATPase inhibition by archazolid leads to lysosomal dysfunction resulting in impaired cathepsin B activation <i>in vivo</i> . <i>International Journal of Cancer</i> , 2014, 134, 2478-2488.	2.3	58
147	Targeting the actin cytoskeleton: selective antitumor action via trapping PKC ϵ . <i>Cell Death and Disease</i> , 2014, 5, e1398-e1398.	2.7	44
148	Gene Regulation by Intracellular Delivery and Photodegradation of Nanoparticles Containing Small Interfering RNA. <i>Macromolecular Bioscience</i> , 2014, 14, 626-631.	2.1	12
149	Correlation of Length of Linear Oligo(ethan amino) Amides with Gene Transfer and Cytotoxicity. <i>ChemMedChem</i> , 2014, 9, 2104-2110.	1.6	37
150	In vitro and in vivo characterization of the actin polymerizing compound chondramide as an angiogenic inhibitor. <i>Cardiovascular Research</i> , 2014, 104, 303-314.	1.8	4
151	Gene silencing and antitumoral effects of Eg5 or Ran siRNA oligoaminoamide polyplexes. <i>Drug Delivery and Translational Research</i> , 2014, 4, 84-95.	3.0	13
152	Salinomycin treatment reduces metastatic tumor burden by hampering cancer cell migration. <i>Molecular Cancer</i> , 2014, 13, 16.	7.9	53
153	Native chemical ligation for conversion of sequence-defined oligomers into targeted pDNA and siRNA carriers. <i>Journal of Controlled Release</i> , 2014, 180, 42-50.	4.8	27
154	Stability and activity of hydroxyethyl starch-coated polyplexes in frozen solutions or lyophilizates. <i>International Journal of Pharmaceutics</i> , 2014, 469, 50-58.	2.6	10
155	Bioreducible Polycations as Shuttles for Therapeutic Nucleic Acid and Protein Transfection. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 804-817.	2.5	50
156	Polymers for Nucleic Acid Transfer—An Overview. <i>Advances in Genetics</i> , 2014, 88, 231-261.	0.8	46
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477	A microfluidic approach for sequential assembly of siRNA polyplexes with a defined structure-activity relationship. , 0, 1, e1.		5
478	Non-Viral Delivery Vehicles. , 0, , 5738-5741.		0