

Horacio Cabral

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

148
papers

9,809
citations

48
h-index

98
g-index

162
ext. papers

11,284
ext. citations

10.6
avg, IF

6.54
L-index

#	Paper	IF	Citations
148	Accumulation of sub-100nm polymeric micelles in poorly permeable tumours depends on size. <i>Nature Nanotechnology</i> , 2011 , 6, 815-23	28.7	1773
147	Block Copolymer Micelles in Nanomedicine Applications. <i>Chemical Reviews</i> , 2018 , 118, 6844-6892	68.1	608
146	Progress of drug-loaded polymeric micelles into clinical studies. <i>Journal of Controlled Release</i> , 2014 , 190, 465-76	11.7	601
145	Novel cisplatin-incorporated polymeric micelles can eradicate solid tumors in mice. <i>Cancer Research</i> , 2003 , 63, 8977-83	10.1	450
144	Cyclic RGD-linked polymeric micelles for targeted delivery of platinum anticancer drugs to glioblastoma through the blood-brain tumor barrier. <i>ACS Nano</i> , 2013 , 7, 8583-92	16.7	340
143	A pH-activatable nanoparticle with signal-amplification capabilities for non-invasive imaging of tumour malignancy. <i>Nature Nanotechnology</i> , 2016 , 11, 724-30	28.7	314
142	Charge-conversional polyionic complex micelles-efficient nanocarriers for protein delivery into cytoplasm. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5309-12	16.4	271
141	Vascular bursts enhance permeability of tumour blood vessels and improve nanoparticle delivery. <i>Nature Nanotechnology</i> , 2016 , 11, 533-538	28.7	253
140	Supramolecular nanodevices: from design validation to theranostic nanomedicine. <i>Accounts of Chemical Research</i> , 2011 , 44, 999-1008	24.3	248
139	Phenylboronic acid-installed polymeric micelles for targeting sialylated epitopes in solid tumors. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15501-7	16.4	237
138	Improving drug potency and efficacy by nanocarrier-mediated subcellular targeting. <i>Science Translational Medicine</i> , 2011 , 3, 64ra2	17.5	204
137	Improving cancer immunotherapy using nanomedicines: progress, opportunities and challenges. <i>Nature Reviews Clinical Oncology</i> , 2020 , 17, 251-266	19.4	196
136	Preparation and biological properties of dichloro(1,2-diaminocyclohexane)platinum(II) (DACHPt)-loaded polymeric micelles. <i>Journal of Controlled Release</i> , 2005 , 101, 223-32	11.7	175
135	Polyion complex vesicles for photoinduced intracellular delivery of amphiphilic photosensitizer. <i>Journal of the American Chemical Society</i> , 2014 , 136, 157-63	16.4	153
134	Assessment of tumor metastasis by the direct determination of cell-membrane sialic acid expression. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5494-7	16.4	147
133	Optimization of (1,2-diamino-cyclohexane)platinum(II)-loaded polymeric micelles directed to improved tumor targeting and enhanced antitumor activity. <i>Journal of Controlled Release</i> , 2007 , 121, 146-55	11.7	144
132	Bundled assembly of helical nanostructures in polymeric micelles loaded with platinum drugs enhancing therapeutic efficiency against pancreatic tumor. <i>ACS Nano</i> , 2014 , 8, 6724-38	16.7	121

131	Visible drug delivery by supramolecular nanocarriers directing to single-platformed diagnosis and therapy of pancreatic tumor model. <i>Cancer Research</i> , 2010 , 70, 7031-41	10.1	119
130	Ligand-Installed Nanocarriers toward Precision Therapy. <i>Advanced Materials</i> , 2020 , 32, e1902604	24	117
129	Antibody fragment-conjugated polymeric micelles incorporating platinum drugs for targeted therapy of pancreatic cancer. <i>Biomaterials</i> , 2015 , 39, 23-30	15.6	114
128	Hybrid Calcium Phosphate-Polymeric Micelles Incorporating Gadolinium Chelates for Imaging-Guided Gadolinium Neutron Capture Tumor Therapy. <i>ACS Nano</i> , 2015 , 9, 5913-21	16.7	103
127	Systemic Targeting of Lymph Node Metastasis through the Blood Vascular System by Using Size-Controlled Nanocarriers. <i>ACS Nano</i> , 2015 , 9, 4957-67	16.7	94
126	Systemic siRNA delivery to a spontaneous pancreatic tumor model in transgenic mice by PEGylated calcium phosphate hybrid micelles. <i>Journal of Controlled Release</i> , 2014 , 178, 18-24	11.7	94
125	Gd-DTPA-loaded polymer-metal complex micelles with high relaxivity for MR cancer imaging. <i>Biomaterials</i> , 2013 , 34, 492-500	15.6	94
124	Hydrothermally synthesized PEGylated calcium phosphate nanoparticles incorporating Gd-DTPA for contrast enhanced MRI diagnosis of solid tumors. <i>Journal of Controlled Release</i> , 2014 , 174, 63-71	11.7	90
123	Light-induced cytosolic activation of reduction-sensitive camptothecin-loaded polymeric micelles for spatiotemporally controlled in vivo chemotherapy. <i>ACS Nano</i> , 2014 , 8, 11591-602	16.7	86
122	cRGD peptide-installed epirubicin-loaded polymeric micelles for effective targeted therapy against brain tumors. <i>Journal of Controlled Release</i> , 2017 , 258, 56-66	11.7	84
121	Targeted therapy of spontaneous murine pancreatic tumors by polymeric micelles prolongs survival and prevents peritoneal metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11397-402	11.5	81
120	Enhanced in vivo Magnetic Resonance Imaging of Tumors by PEGylated Iron-Oxide-Gold Core-Shell Nanoparticles with Prolonged Blood Circulation Properties. <i>Macromolecular Rapid Communications</i> , 2010 , 31, 1521-8	4.8	75
119	Bioactive polymeric metallosomes self-assembled through block copolymer-metal complexation. <i>Journal of the American Chemical Society</i> , 2012 , 134, 13172-5	16.4	73
118	siRNA delivery from triblock copolymer micelles with spatially-ordered compartments of PEG shell, siRNA-loaded intermediate layer, and hydrophobic core. <i>Biomaterials</i> , 2014 , 35, 4548-56	15.6	71
117	Multicompartment micelles with adjustable poly(ethylene glycol) shell for efficient in vivo photodynamic therapy. <i>ACS Nano</i> , 2014 , 8, 1161-72	16.7	70
116	Polymeric micelles incorporating (1,2-diaminocyclohexane)platinum (II) suppress the growth of orthotopic scirrhus gastric tumors and their lymph node metastasis. <i>Journal of Controlled Release</i> , 2012 , 159, 189-96	11.7	64
115	A photo-activated targeting chemotherapy using glutathione sensitive camptothecin-loaded polymeric micelles. <i>Pharmaceutical Research</i> , 2009 , 26, 82-92	4.5	64
114	Micellization of cisplatin (NC-6004) reduces its ototoxicity in guinea pigs. <i>Journal of Controlled Release</i> , 2012 , 157, 112-7	11.7	63

113	Multifunctional nanoassemblies of block copolymers for future cancer therapy. <i>Science and Technology of Advanced Materials</i> , 2010 , 11, 014109	7.1	60
112	Selective intracellular delivery of proteasome inhibitors through pH-sensitive polymeric micelles directed to efficient antitumor therapy. <i>Journal of Controlled Release</i> , 2014 , 188, 67-77	11.7	56
111	Nanomedicines Eradicating Cancer Stem-like Cells in Vivo by pH-Triggered Intracellular Cooperative Action of Loaded Drugs. <i>ACS Nano</i> , 2016 , 10, 5643-55	16.7	56
110	Block copolymer-boron cluster conjugate for effective boron neutron capture therapy of solid tumors. <i>Journal of Controlled Release</i> , 2017 , 254, 1-9	11.7	55
109	Dexamethasone Increases Cisplatin-Loaded Nanocarrier Delivery and Efficacy in Metastatic Breast Cancer by Normalizing the Tumor Microenvironment. <i>ACS Nano</i> , 2019 , 13, 6396-6408	16.7	55
108	Intracellular Delivery of Charge-Converted Monoclonal Antibodies by Combinatorial Design of Block/Homo Polyion Complex Micelles. <i>Biomacromolecules</i> , 2016 , 17, 446-53	6.9	55
107	Secondary-Structure-Driven Self-Assembly of Reactive Polypept(o)ides: Controlling Size, Shape, and Function of Core Cross-Linked Nanostructures. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9608-9613	16.4	54
106	Direct and instantaneous observation of intravenously injected substances using intravital confocal micro-videography. <i>Biomedical Optics Express</i> , 2010 , 1, 1209-1216	3.5	54
105	MR imaging techniques for nano-pathophysiology and theranostics. <i>Advanced Drug Delivery Reviews</i> , 2014 , 74, 75-94	18.5	53
104	Polyplex Micelles with Phenylboronate/Gluconamide Cross-Linking in the Core Exerting Promoted Gene Transfection through Spatiotemporal Responsivity to Intracellular pH and ATP Concentration. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18567-18575	16.4	52
103	TGF- β inhibition combined with cytotoxic nanomedicine normalizes triple negative breast cancer microenvironment towards anti-tumor immunity. <i>Theranostics</i> , 2020 , 10, 1910-1922	12.1	52
102	Glucose-linked sub-50-nm unimer polyion complex-assembled gold nanoparticles for targeted siRNA delivery to glucose transporter 1-overexpressing breast cancer stem-like cells. <i>Journal of Controlled Release</i> , 2019 , 295, 268-277	11.7	52
101	Charge-Conversional Polyionic Complex Micelles Efficient Nanocarriers for Protein Delivery into Cytoplasm. <i>Angewandte Chemie</i> , 2009 , 121, 5413-5416	3.6	49
100	Nanopolymeric Therapeutics. <i>MRS Bulletin</i> , 2009 , 34, 422-431	3.2	48
99	Highly cited research articles in Journal of Controlled Release: Commentaries and perspectives by authors. <i>Journal of Controlled Release</i> , 2014 , 190, 29-74	11.7	47
98	Structure-Properties Relationship of Short Jute Fiber-reinforced Polypropylene Composites. <i>Journal of Composite Materials</i> , 2005 , 39, 51-65	2.7	44
97	Nanomedicine-Based Approaches for mRNA Delivery. <i>Molecular Pharmaceutics</i> , 2020 , 17, 3654-3684	5.6	43
96	Interplay of EMT and CSC in Cancer and the Potential Therapeutic Strategies. <i>Frontiers in Pharmacology</i> , 2020 , 11, 904	5.6	41

95	Polymeric micelles loaded with platinum anticancer drugs target preangiogenic micrometastatic niches associated with inflammation. <i>Journal of Controlled Release</i> , 2014 , 189, 1-10	11.7	39
94	Engineering fibrotic tissue in pancreatic cancer: a novel three-dimensional model to investigate nanoparticle delivery. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 419, 32-7	3.4	37
93	Epirubicin-loaded polymeric micelles effectively treat axillary lymph nodes metastasis of breast cancer through selective accumulation and pH-triggered drug release. <i>Journal of Controlled Release</i> , 2018 , 292, 130-140	11.7	37
92	Glucose transporter 1-mediated vascular translocation of nanomedicines enhances accumulation and efficacy in solid tumors. <i>Journal of Controlled Release</i> , 2019 , 301, 28-41	11.7	36
91	Heterocyclic boronic acids display sialic acid selective binding in a hypoxic tumor relevant acidic environment. <i>Chemical Science</i> , 2017 , 8, 6165-6170	9.4	35
90	Induced packaging of mRNA into polyplex micelles by regulated hybridization with a small number of cholesteryl RNA oligonucleotides directed enhanced in vivo transfection. <i>Biomaterials</i> , 2019 , 197, 255-267	15.6	35
89	Polymeric micelles for targeted tumor therapy of platinum anticancer drugs. <i>Expert Opinion on Drug Delivery</i> , 2017 , 14, 1423-1438	8	34
88	In vivo rendezvous of small nucleic acid drugs with charge-matched block cationomers to target cancers. <i>Nature Communications</i> , 2019 , 10, 1894	17.4	34
87	PEG-detachable cationic polyaspartamide derivatives bearing stearyl moieties for systemic siRNA delivery toward subcutaneous BxPC3 pancreatic tumor. <i>Journal of Drug Targeting</i> , 2012 , 20, 33-42	5.4	34
86	In vivo evaluation of neutron capture therapy effectivity using calcium phosphate-based nanoparticles as Gd-DTPA delivery agent. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016 , 142, 767-75	4.9	31
85	Hydroxychloroquine-conjugated gold nanoparticles for improved siRNA activity. <i>Biomaterials</i> , 2016 , 90, 62-71	15.6	30
84	Molecular Cancer Imaging with Polymeric Nanoassemblies: From Tumor Detection to Theranostics. <i>Macromolecular Bioscience</i> , 2017 , 17, 1600305	5.5	29
83	Bundling mRNA Strands to Prepare Nano-Assemblies with Enhanced Stability Towards RNase for In Vivo Delivery. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11360-11363	16.4	27
82	cRGD-installed polymeric micelles loading platinum anticancer drugs enable cooperative treatment against lymph node metastasis. <i>Journal of Controlled Release</i> , 2015 , 220, 783-91	11.7	27
81	A Nanoparticle Platform To Evaluate Bioconjugation and Receptor-Mediated Cell Uptake Using Cross-Linked Polyion Complex Micelles Bearing Antibody Fragments. <i>Biomacromolecules</i> , 2016 , 17, 1818-33	6.9	27
80	Nanodevices for studying nano-pathophysiology. <i>Advanced Drug Delivery Reviews</i> , 2014 , 74, 35-52	18.5	24
79	cRGD peptide installation on cisplatin-loaded nanomedicines enhances efficacy against locally advanced head and neck squamous cell carcinoma bearing cancer stem-like cells. <i>Journal of Controlled Release</i> , 2017 , 261, 275-286	11.7	24
78	Polymeric Micelles Loading Proteins through Concurrent Ion Complexation and pH-Cleavable Covalent Bonding for In Vivo Delivery. <i>Macromolecular Bioscience</i> , 2020 , 20, e1900161	5.5	23

77	Bundling of mRNA strands inside polyion complexes improves mRNA delivery efficiency in vitro and in vivo. <i>Biomaterials</i> , 2020 , 261, 120332	15.6	22
76	Effective treatment of drug resistant recurrent breast tumors harboring cancer stem-like cells by staurosporine/epirubicin co-loaded polymeric micelles. <i>Journal of Controlled Release</i> , 2017 , 264, 127-135 ^{11.7}	11.7	21
75	Tumor-Targeted Nanomedicine for Immunotherapy. <i>Accounts of Chemical Research</i> , 2020 , 53, 2765-2776 ^{24.3}	24.3	20
74	Lipid- and polyion complex-based micelles as agonist platforms for TNFR superfamily receptors. <i>Journal of Controlled Release</i> , 2016 , 234, 104-14	11.7	20
73	Robust Polyion Complex Vesicles (PICsomes) under Physiological Conditions Reinforced by Multiple Hydrogen Bond Formation Derived by Guanidinium Groups. <i>Biomacromolecules</i> , 2018 , 19, 4113-4121	6.9	20
72	Polymeric Micelle Platform for Multimodal Tomographic Imaging to Detect Scirrhou Gastric Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2015 , 1, 1067-1076	5.5	18
71	Translational Nanomedicine Boosts Anti-PD1 Therapy to Eradicate Orthotopic PTEN-Negative Glioblastoma. <i>ACS Nano</i> , 2020 , 14, 10127-10140	16.7	18
70	Polymeric Nanocarriers with Controlled Chain Flexibility Boost mRNA Delivery In Vivo through Enhanced Structural Fastening. <i>Advanced Healthcare Materials</i> , 2020 , 9, e2000538	10.1	17
69	A chemically unmodified agonistic DNA with growth factor functionality for in vivo therapeutic application. <i>Science Advances</i> , 2020 , 6, eaay2801	14.3	17
68	Increased fibrosis and impaired intratumoral accumulation of macromolecules in a murine model of pancreatic cancer co-administered with FGF-2. <i>Journal of Controlled Release</i> , 2016 , 230, 109-15	11.7	17
67	Clinical Translation of Self-Assembled Cancer Nanomedicines. <i>Advanced Therapeutics</i> , 2021 , 4, 2000159	4.9	17
66	Supramolecularly enabled pH- triggered drug action at tumor microenvironment potentiates nanomedicine efficacy against glioblastoma. <i>Biomaterials</i> , 2021 , 267, 120463	15.6	17
65	Single-Stranded DNA-Packaged Polyplex Micelle as Adeno-Associated-Virus-Inspired Compact Vector to Systemically Target Stroma-Rich Pancreatic Cancer. <i>ACS Nano</i> , 2019 , 13, 12732-12742	16.7	16
64	Normalizing the Microenvironment Overcomes Vessel Compression and Resistance to Nano-immunotherapy in Breast Cancer Lung Metastasis. <i>Advanced Science</i> , 2021 , 8, 2001917	13.6	16
63	Tumor hypoxia-activated combinatorial nanomedicine triggers systemic antitumor immunity to effectively eradicate advanced breast cancer. <i>Biomaterials</i> , 2021 , 273, 120847	15.6	15
62	mRNA loading into ATP-responsive polyplex micelles with optimal density of phenylboronate ester crosslinking to balance robustness in the biological milieu and intracellular translational efficiency. <i>Journal of Controlled Release</i> , 2021 , 330, 317-328	11.7	14
61	Eradication of CD44-variant positive population in head and neck tumors through controlled intracellular navigation of cisplatin-loaded nanomedicines. <i>Journal of Controlled Release</i> , 2016 , 230, 26-33 ^{11.7}	11.7	13
60	Controlled Fab installation onto polymeric micelle nanoparticles for tuned bioactivity. <i>Science and Technology of Advanced Materials</i> , 2017 , 18, 666-680	7.1	12

59	Enhanced efficacy against cervical carcinomas through polymeric micelles physically incorporating the proteasome inhibitor MG132. <i>Cancer Science</i> , 2016 , 107, 773-81	6.9	12
58	PEG-OligoRNA Hybridization of mRNA for Developing Sterically Stable Lipid Nanoparticles toward In Vivo Administration. <i>Molecules</i> , 2019 , 24,	4.8	11
57	Sekundärstrukturbildung als Triebkraft für die Selbstorganisation reaktiver Polypept(o)ide: Steuerung von Größe, Form und Funktion kernvernetzter Nanostrukturen. <i>Angewandte Chemie</i> , 2017 , 129, 9737-9742	3.6	10
56	PEG-Poly(1-Methyl-L-Tryptophan)-Based Polymeric Micelles as Enzymatically Activated Inhibitors of Indoleamine 2,3-Dioxygenase. <i>Nanomaterials</i> , 2019 , 9,	5.4	10
55	Structural Control of Boronic Acid Ligands Enhances Intratumoral Targeting of Sialic Acid To Eradicate Cancer Stem-like Cells.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 5030-5039	4.1	10
54	MRI-detectable polymeric micelles incorporating platinum anticancer drugs enhance survival in an advanced hepatocellular carcinoma model. <i>International Journal of Nanomedicine</i> , 2015 , 10, 4137-47	7.3	10
53	Nanoprobe-Based Magnetic Resonance Imaging of Hypoxia Predicts Responses to Radiotherapy, Immunotherapy, and Sensitizing Treatments in Pancreatic Tumors. <i>ACS Nano</i> , 2021 ,	16.7	10
52	Molecular Network Profiling in Intestinal- and Diffuse-Type Gastric Cancer. <i>Cancers</i> , 2020 , 12,	6.6	8
51	Nanomedicine strategies for addressing major needs in neglected tropical diseases. <i>Annual Reviews in Control</i> , 2019 , 48, 423-441	10.3	7
50	Proteasome Inhibitor-Loaded Micelles Enhance Antitumor Activity Through Macrophage Reprogramming by NF- κ B Inhibition. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 2438-2446	3.9	6
49	One-Pot Synthesis of PEG-Poly(amino acid) Block Copolymers Assembling Polymeric Micelles with PEG-Detachable Functionality. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 5727-5733	5.5	6
48	Nanomedicine for Brain Cancer.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 182, 114115	18.5	6
47	Multifunctional polymeric micelle-based nucleic acid delivery: Current advances and future perspectives. <i>Applied Materials Today</i> , 2021 , 25, 101217	6.6	6
46	Abnormal Glycosylation of Cancer Stem Cells and Targeting Strategies. <i>Frontiers in Oncology</i> , 2021 , 11, 649338	5.3	6
45	Nanomedicines blocking adaptive signals in cancer cells overcome tumor TKI resistance. <i>Journal of Controlled Release</i> , 2020 , 321, 132-144	11.7	5
44	Inside Cover: Charge-Conversional Polyionic Complex Micelles Efficient Nanocarriers for Protein Delivery into Cytoplasm (Angew. Chem. Int. Ed. 29/2009). <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5220-5220	16.4	5
43	Remodeling tumor microenvironment with nanomedicines. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021 , 13, e1730	9.2	5
42	Efficacy of pH-Sensitive Nanomedicines in Tumors with Different c-MYC Expression Depends on the Intratumoral Activation Profile. <i>ACS Nano</i> , 2021 , 15, 5545-5559	16.7	5

41	Enhanced MRI-Guided Gadolinium (III) Neutron Capture Therapy by Polymeric Nanocarriers Promoting Tumor Accumulation and Intracellular Delivery. <i>ChemNanoMat</i> , 2020 , 6, 412-419	3.5	5
40	Apoptotic Cell-Inspired Polymeric Particles for Controlling Microglial Inflammation toward Neurodegenerative Disease Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 5705-5713	5.5	4
39	Conjugation of glucosylated polymer chains to checkpoint blockade antibodies augments their efficacy and specificity for glioblastoma. <i>Nature Biomedical Engineering</i> , 2021 , 5, 1274-1287	19	4
38	Guanidine-phosphate interactions stabilize polyion complex micelles based on flexible cationomers to improve mRNA delivery. <i>European Polymer Journal</i> , 2020 , 140, 110028	5.2	4
37	PEGylation of mRNA by Hybridization of Complementary PEG-RNA Oligonucleotides Stabilizes mRNA without Using Cationic Materials. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
36	Boronic Acid Ligands Can Target Multiple Subpopulations of Pancreatic Cancer Stem Cells via pH-Dependent Glycan-Terminal Sialic Acid Recognition.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 6647-6651	4.1	4
35	Block cationomer with flexible cationic segment enhances complexation with siRNA and the delivery performance in vitro. <i>Science and Technology of Advanced Materials</i> , 2021 , 22, 850-863	7.1	4
34	Antimicrobial Activity Enhancers: Towards Smart Delivery of Antimicrobial Agents.. <i>Antibiotics</i> , 2022 , 11,	4.9	4
33	Bridging mRNA and Polycation Using RNA Oligonucleotide Derivatives Improves the Robustness of Polyplex Micelles for Efficient mRNA Delivery.. <i>Advanced Healthcare Materials</i> , 2021 , e2102016	10.1	4
32	Erythrocyte depletion lifts nanoparticle half-lives. <i>Nature Biomedical Engineering</i> , 2020 , 4, 670-671	19	3
31	Targeting ability of self-assembled nanomedicines in rat acute limb ischemia model is affected by size. <i>Journal of Controlled Release</i> , 2018 , 286, 394-401	11.7	3
30	Self-assembled molecular gate field effect transistor for label free sialic acid detection at cell membrane. <i>Procedia Engineering</i> , 2010 , 5, 926-929		3
29	Clinical Utility of Histological and Radiological Evaluations of Tumor Necrosis for Predicting Prognosis in Pancreatic Cancer. <i>Pancreas</i> , 2020 , 49, 634-641	2.6	3
28	Manipulating dynamic tumor vessel permeability to enhance polymeric micelle accumulation. <i>Journal of Controlled Release</i> , 2021 , 329, 63-75	11.7	3
27	Vascular Bursts Act as a Versatile Tumor Vessel Permeation Route for Blood-Borne Particles and Cells. <i>Small</i> , 2021 , 17, e2103751	11	3
26	A proton/macromolecule-sensing approach distinguishes changes in biological membrane permeability during polymer/lipid-based nucleic acid delivery. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 4298-4302	7.3	3
25	Ligand-Installed Nanocarriers: Ligand-Installed Nanocarriers toward Precision Therapy (Adv. Mater. 13/2020). <i>Advanced Materials</i> , 2020 , 32, 2070101	24	2
24	Development of Flexible Polycation-Based mRNA Delivery Systems for In Vivo Applications. <i>Materials Proceedings</i> , 2021 , 4, 5	0.3	2

23	Effect of Mixing Ratio of Oppositely Charged Block Copolymers on Polyion Complex Micelles for In Vivo Application. <i>Polymers</i> , 2020 , 13,	4.5	2	
22	Fluorescent polymeric nanoparticle for ratiometric temperature sensing allows real-time monitoring in influenza virus-infected cells. <i>Journal of Colloid and Interface Science</i> , 2021 , 601, 825-832	9.3	2	
21	Novel MR imaging and theranostics using Nano-DDS. <i>Drug Delivery System</i> , 2015 , 30, 47-53	0	1	
20	Bridging Polymer Science and Medicine Through Supramolecular Nanoassemblies. <i>Advances in Polymer Science</i> , 2013 , 249-262	1.3	1	
19	Innentitelbild: Charge-Conversional Polyionic Complex Micelles Efficient Nanocarriers for Protein Delivery into Cytoplasm (Angew. Chem. 29/2009). <i>Angewandte Chemie</i> , 2009 , 121, 5322-5322	3.6	1	
18	mRNA Structuring for Stabilizing mRNA Nanocarriers and Improving Their Delivery Efficiency. <i>Materials Proceedings</i> , 2021 , 4, 82	0.3	1	
17	Microglial Immunoregulation by Apoptotic Cellular Membrane Mimetic Polymeric Particles.. <i>ACS Macro Letters</i> , 2022 , 11, 270-275	6.6	1	
16	Cell Cycle Regulation and DNA Damage Response Networks in Diffuse- and Intestinal-Type Gastric Cancer. <i>Cancers</i> , 2021 , 13,	6.6	1	
15	Bio-inspired nanomaterials for biomedical innovation. <i>Science and Technology of Advanced Materials</i> , 2020 , 21, 420-421	7.1	1	
14	Recombinant Thrombomodulin Attenuates Preeclamptic Symptoms by Inhibiting High-Mobility Group Box 1 in Mice. <i>Endocrinology</i> , 2021 , 162,	4.8	1	
13	Real-Time Assessment of Extracellular Vesicles by Intravital Microscopy Imaging. <i>IFAC-PapersOnLine</i> , 2018 , 51, 22-23	0.7	1	
12	Phosphorylcholine-Installed Nanocarriers Target Pancreatic Cancer Cells through the Phospholipid Transfer Protein. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 4439-4445	5.5	1	
11	Block Copolymer Micelles for Drug Delivery in Nanoscience	73-89	1	
10	Intravital Real-Time Confocal Laser Scanning Microscopy for the In Situ Evaluation of Nanocarriers	2013 , 607-620	1	
9	Strategies for ligand-installed nanocarriers	2021 , 633-655	0	
8	Thrombomodulin promotes placental function by up-regulating placental growth factor via inhibition of high-mobility-group box 1 and hypoxia-inducible factor 1β	<i>Placenta</i> , 2021 , 111, 1-9	3.4	0
7	Molecular network analysis of RNA viral infection pathway in diffuse- and intestinal-type gastric cancer. <i>Fundamental Toxicological Sciences</i> , 2022 , 9, 37-46	0.6	0	
6	Heparin-Derived Theranostic Nanoprobes Overcome the BloodBrain Barrier and Target Glioma in Murine Model. <i>Advanced Therapeutics</i> , 2200001	4.9	0	

- 5 Bundling mRNA Strands to Prepare Nano-Assemblies with Enhanced Stability Towards RNase for In Vivo Delivery. *Angewandte Chemie*, **2019**, 131, 11482 3.6
- 4 Micellar Structures as Drug Delivery Systems **2011**, 1051-1069
- 3 Smart Nanoassemblies of Block Copolymers for Drug and Gene Delivery 91-110
- 2 Engineered Nanomedicine Targets Intractable Cancers. *Materials Proceedings*, **2021**, 4, 84 0.3
- 1 Mechanistic Analyses of Polymer/Lipid-Based Gene Transfection Processes through Membrane Integrity Assay Using Proton Sensing Transistor. *Materials Proceedings*, **2021**, 4, 53 0.3