

Horacio Cabral

List of Publications by Year in descending order

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151
papers

13,153
citations

31976

53
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22832

112
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162
all docs

162
docs citations

162
times ranked

14610
citing authors

#	ARTICLE	IF	CITATIONS
1	Accumulation of sub-100Ånm polymeric micelles in poorly permeable tumours depends on size. <i>Nature Nanotechnology</i> , 2011, 6, 815-823.	31.5	2,114
2	Block Copolymer Micelles in Nanomedicine Applications. <i>Chemical Reviews</i> , 2018, 118, 6844-6892.	47.7	925
3	Progress of drug-loaded polymeric micelles into clinical studies. <i>Journal of Controlled Release</i> , 2014, 190, 465-476.	9.9	708
4	Novel cisplatin-incorporated polymeric micelles can eradicate solid tumors in mice. <i>Cancer Research</i> , 2003, 63, 8977-83.	0.9	486
5	A pH-activatable nanoparticle with signal-amplification capabilities for non-invasive imaging of tumour malignancy. <i>Nature Nanotechnology</i> , 2016, 11, 724-730.	31.5	411
6	Improving cancer immunotherapy using nanomedicines: progress, opportunities and challenges. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 251-266.	27.6	408
7	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, 8583-8592.	14.6	397
8	Highly cited research articles in <i>Journal of Controlled Release</i> : Commentaries and perspectives by authors. <i>Journal of Controlled Release</i> , 2014, 190, 29-74.	9.9	394
9	Vascular bursts enhance permeability of tumour blood vessels and improve nanoparticle delivery. <i>Nature Nanotechnology</i> , 2016, 11, 533-538.	31.5	338
10	Charge-Conversional Polyionic Complex Micelles-Efficient Nanocarriers for Protein Delivery into Cytoplasm. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5309-5312.	13.8	311
11	Phenylboronic Acid-Installed Polymeric Micelles for Targeting Sialylated Epitopes in Solid Tumors. <i>Journal of the American Chemical Society</i> , 2013, 135, 15501-15507.	13.7	286
12	Supramolecular Nanodevices: From Design Validation to Theranostic Nanomedicine. <i>Accounts of Chemical Research</i> , 2011, 44, 999-1008.	15.6	278
13	Improving Drug Potency and Efficacy by Nanocarrier-Mediated Subcellular Targeting. <i>Science Translational Medicine</i> , 2011, 3, 64ra2.	12.4	231
14	Ligand-Installed Nanocarriers toward Precision Therapy. <i>Advanced Materials</i> , 2020, 32, e1902604.	21.0	189
15	Preparation and biological properties of dichloro(1,2-diaminocyclohexane)platinum(II) (DACHPt)-loaded polymeric micelles. <i>Journal of Controlled Release</i> , 2005, 101, 223-232.	9.9	187
16	Assessment of Tumor Metastasis by the Direct Determination of Cell-Membrane Sialic Acid Expression. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5494-5497.	13.8	181
17	Polyion Complex Vesicles for Photoinduced Intracellular Delivery of Amphiphilic Photosensitizer. <i>Journal of the American Chemical Society</i> , 2014, 136, 157-163.	13.7	171
18	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, 146-155.	9.9	153

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19	Bundled Assembly of Helical Nanostructures in Polymeric Micelles Loaded with Platinum Drugs Enhancing Therapeutic Efficiency against Pancreatic Tumor. <i>ACS Nano</i> , 2014, 8, 6724-6738.	14.6	141
20	Visible Drug Delivery by Supramolecular Nanocarriers Directing to Single-Platformed Diagnosis and Therapy of Pancreatic Tumor Model. <i>Cancer Research</i> , 2010, 70, 7031-7041.	0.9	132
21	Antibody fragment-conjugated polymeric micelles incorporating platinum drugs for targeted therapy of pancreatic cancer. <i>Biomaterials</i> , 2015, 39, 23-30.	11.4	125
22	Hybrid Calcium Phosphate-Polymeric Micelles Incorporating Gadolinium Chelates for Imaging-Guided Gadolinium Neutron Capture Tumor Therapy. <i>ACS Nano</i> , 2015, 9, 5913-5921.	14.6	119
23	Systemic Targeting of Lymph Node Metastasis through the Blood Vascular System by Using Size-Controlled Nanocarriers. <i>ACS Nano</i> , 2015, 9, 4957-4967.	14.6	118
24	TGF- β 2 inhibition combined with cytotoxic nanomedicine normalizes triple negative breast cancer microenvironment towards anti-tumor immunity. <i>Theranostics</i> , 2020, 10, 1910-1922.	10.0	110
25	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.	9.9	108
26	cRGD peptide-installed epirubicin-loaded polymeric micelles for effective targeted therapy against brain tumors. <i>Journal of Controlled Release</i> , 2017, 258, 56-66.	9.9	104
27	Gd-DTPA-loaded polymer-metal complex micelles with high relaxivity for MR cancer imaging. <i>Biomaterials</i> , 2013, 34, 492-500.	11.4	103
28	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.	9.9	102
29	Interplay of EMT and CSC in Cancer and the Potential Therapeutic Strategies. <i>Frontiers in Pharmacology</i> , 2020, 11, 904.	3.5	99
30	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.	14.6	97
31	Light-Induced Cytosolic Activation of Reduction-Sensitive Camptothecin-Loaded Polymeric Micelles for Spatiotemporally Controlled <i>in Vivo</i> Chemotherapy. <i>ACS Nano</i> , 2014, 8, 11591-11602.	14.6	94
32	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, 11397-11402.	7.1	91
33	Nanomedicine-Based Approaches for mRNA Delivery. <i>Molecular Pharmaceutics</i> , 2020, 17, 3654-3684.	4.6	88
34	Enhanced <i>in vivo</i> 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, 1521-1528.	3.9	84
35	Intracellular Delivery of Charge-Converted Monoclonal Antibodies by Combinatorial Design of Block/Homo Polyion Complex Micelles. <i>Biomacromolecules</i> , 2016, 17, 446-453.	5.4	82
36	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.	9.9	82

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37	Bioactive Polymeric Metallosomes Self-Assembled through Block Copolymer-Metal Complexation. <i>Journal of the American Chemical Society</i> , 2012, 134, 13172-13175.	13.7	81
38	Multicompartment Micelles with Adjustable Poly(ethylene glycol) Shell for Efficient <i>in Vivo</i> Photodynamic Therapy. <i>ACS Nano</i> , 2014, 8, 1161-1172.	14.6	78
39	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, 4548-4556.	11.4	76
40	A Photo-Activated Targeting Chemotherapy Using Glutathione Sensitive Camptothecin-Loaded Polymeric Micelles. <i>Pharmaceutical Research</i> , 2009, 26, 82-92.	3.5	72
41	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.	13.7	71
42	Block copolymer-boron cluster conjugate for effective boron neutron capture therapy of solid tumors. <i>Journal of Controlled Release</i> , 2017, 254, 1-9.	9.9	70
43	Micellization of cisplatin (NC-6004) reduces its ototoxicity in guinea pigs. <i>Journal of Controlled Release</i> , 2012, 157, 112-117.	9.9	69
44	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.	13.8	69
45	Polymeric micelles incorporating (1,2-diaminocyclohexane)platinum (II) suppress the growth of orthotopic scirrhous gastric tumors and their lymph node metastasis. <i>Journal of Controlled Release</i> , 2012, 159, 189-196.	9.9	67
46	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.	9.9	67
47	MR imaging techniques for nano-pathophysiology and theranostics. <i>Advanced Drug Delivery Reviews</i> , 2014, 74, 75-94.	13.7	66
48	Multifunctional nanoassemblies of block copolymers for future cancer therapy. <i>Science and Technology of Advanced Materials</i> , 2010, 11, 014109.	6.1	63
49	Nanomedicines Eradicating Cancer Stem-like Cells <i>in Vivo</i> by pH-Triggered Intracellular Cooperative Action of Loaded Drugs. <i>ACS Nano</i> , 2016, 10, 5643-5655.	14.6	63
50	Direct and instantaneous observation of intravenously injected substances using intravital confocal micro-videography. <i>Biomedical Optics Express</i> , 2010, 1, 1209.	2.9	62
51	Tumor-Targeted Nanomedicine for Immunotherapy. <i>Accounts of Chemical Research</i> , 2020, 53, 2765-2776.	15.6	62
52	Nanomedicine for brain cancer. <i>Advanced Drug Delivery Reviews</i> , 2022, 182, 114115.	13.7	57
53	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.	9.9	56
54	Tumor hypoxia-activated combinatorial nanomedicine triggers systemic antitumor immunity to effectively eradicate advanced breast cancer. <i>Biomaterials</i> , 2021, 273, 120847.	11.4	55

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55	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.	9.9	53
56	In vivo rendezvous of small nucleic acid drugs with charge-matched block cationomers to target cancers. <i>Nature Communications</i> , 2019, 10, 1894.	12.8	53
57	Structure-Properties Relationship of Short Jute Fiber-reinforced Polypropylene Composites. <i>Journal of Composite Materials</i> , 2005, 39, 51-65.	2.4	52
58	Normalizing the Microenvironment Overcomes Vessel Compression and Resistance to Nano-immunotherapy in Breast Cancer Lung Metastasis. <i>Advanced Science</i> , 2021, 8, 2001917.	11.2	52
59	Nanopolymeric Therapeutics. <i>MRS Bulletin</i> , 2009, 34, 422-431.	3.5	51
60	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.	11.4	50
61	Heterocyclic boronic acids display sialic acid selective binding in a hypoxic tumor relevant acidic environment. <i>Chemical Science</i> , 2017, 8, 6165-6170.	7.4	48
62	Polymeric micelles for targeted tumor therapy of platinum anticancer drugs. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 1423-1438.	5.0	47
63	Translational Nanomedicine Boosts Anti-PD1 Therapy to Eradicate Orthotopic PTEN-Negative Glioblastoma. <i>ACS Nano</i> , 2020, 14, 10127-10140.	14.6	47
64	Hydroxychloroquine-conjugated gold nanoparticles for improved siRNA activity. <i>Biomaterials</i> , 2016, 90, 62-71.	11.4	46
65	Polymeric micelles loaded with platinum anticancer drugs target preangiogenic micrometastatic niches associated with inflammation. <i>Journal of Controlled Release</i> , 2014, 189, 1-10.	9.9	43
66	Engineering fibrotic tissue in pancreatic cancer: A novel three-dimensional model to investigate nanoparticle delivery. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 32-37.	2.1	40
67	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.	13.8	40
68	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, 767-775.	2.5	39
69	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.	4.4	38
70	A chemically unmodified agonistic DNA with growth factor functionality for in vivo therapeutic application. <i>Science Advances</i> , 2020, 6, eaay2801.	10.3	38
71	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.	9.9	37
72	Antimicrobial Activity Enhancers: Towards Smart Delivery of Antimicrobial Agents. <i>Antibiotics</i> , 2022, 11, 412.	3.7	37

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73	Polymeric Micelles Loading Proteins through Concurrent Ion Complexation and pH-Cleavable Covalent Bonding for In Vivo Delivery. <i>Macromolecular Bioscience</i> , 2020, 20, e1900161.	4.1	36
74	Supramolecularly enabled pH-triggered drug action at tumor microenvironment potentiates nanomedicine efficacy against glioblastoma. <i>Biomaterials</i> , 2021, 267, 120463.	11.4	36
75	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, 1818-1833.	5.4	35
76	Molecular Cancer Imaging with Polymeric Nanoassemblies: From Tumor Detection to Theranostics. <i>Macromolecular Bioscience</i> , 2017, 17, 1600305.	4.1	35
77	Bundling of mRNA strands inside polyion complexes improves mRNA delivery efficiency in vitro and in vivo. <i>Biomaterials</i> , 2020, 261, 120332.	11.4	35
78	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.	14.6	34
79	Clinical Translation of Self-Assembled Cancer Nanomedicines. <i>Advanced Therapeutics</i> , 2021, 4, .	3.2	34
80	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.	5.4	33
81	Polymeric Nanocarriers with Controlled Chain Flexibility Boost mRNA Delivery In Vivo through Enhanced Structural Fastening. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000538.	7.6	33
82	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.	22.5	33
83	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.	9.9	31
84	Nanodevices for studying nano-pathophysiology. <i>Advanced Drug Delivery Reviews</i> , 2014, 74, 35-52.	13.7	30
85	Nanoprobe-Based Magnetic Resonance Imaging of Hypoxia Predicts Responses to Radiotherapy, Immunotherapy, and Sensitizing Treatments in Pancreatic Tumors. <i>ACS Nano</i> , 2021, 15, 13526-13538.	14.6	30
86	cRGD-installed polymeric micelles loading platinum anticancer drugs enable cooperative treatment against lymph node metastasis. <i>Journal of Controlled Release</i> , 2015, 220, 783-791.	9.9	29
87	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.	9.9	29
88	Controlled Fab installation onto polymeric micelle nanoparticles for tuned bioactivity. <i>Science and Technology of Advanced Materials</i> , 2017, 18, 666-680.	6.1	23
89	Lipid- and polyion complex-based micelles as agonist platforms for TNFR superfamily receptors. <i>Journal of Controlled Release</i> , 2016, 234, 104-114.	9.9	21
90	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, 109-115.	9.9	21

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91	Multifunctional polymeric micelle-based nucleic acid delivery: Current advances and future perspectives. <i>Applied Materials Today</i> , 2021, 25, 101217.	4.3	21
92	Polymeric Micelle Platform for Multimodal Tomographic Imaging to Detect Scirrhous Gastric Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1067-1076.	5.2	20
93	Molecular Network Profiling in Intestinal- and Diffuse-Type Gastric Cancer. <i>Cancers</i> , 2020, 12, 3833.	3.7	20
94	Guanidine-phosphate interactions stabilize polyion complex micelles based on flexible cationomers to improve mRNA delivery. <i>European Polymer Journal</i> , 2020, 140, 110028.	5.4	18
95	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.	4.6	18
96	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.	9.9	17
97	PEG-OligoRNA Hybridization of mRNA for Developing Sterically Stable Lipid Nanoparticles toward In Vivo Administration. <i>Molecules</i> , 2019, 24, 1303.	3.8	17
98	Abnormal Glycosylation of Cancer Stem Cells and Targeting Strategies. <i>Frontiers in Oncology</i> , 2021, 11, 649338.	2.8	17
99	Bridging mRNA and Polycation Using RNA Oligonucleotide Derivatives Improves the Robustness of Polyplex Micelles for Efficient mRNA Delivery. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102016.	7.6	17
100	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.	14.6	16
101	Remodeling tumor microenvironment with nanomedicines. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1730.	6.1	16
102	Enhanced efficacy against cervical carcinomas through polymeric micelles physically incorporating the proteasome inhibitor MG 132. <i>Cancer Science</i> , 2016, 107, 773-781.	3.9	13
103	PEG-Poly(1-Methyl-L-Tryptophan)-Based Polymeric Micelles as Enzymatically Activated Inhibitors of Indoleamine 2,3-Dioxygenase. <i>Nanomaterials</i> , 2019, 9, 719.	4.1	13
104	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.	4.6	13
105	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.	2.0	12
106	Clinical Utility of Histological and Radiological Evaluations of Tumor Necrosis for Predicting Prognosis in Pancreatic Cancer. <i>Pancreas</i> , 2020, 49, 634-641.	1.1	12
107	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.	6.7	11
108	PEGylation of mRNA by Hybridization of Complementary PEG-RNA Oligonucleotides Stabilizes mRNA without Using Cationic Materials. <i>Pharmaceutics</i> , 2021, 13, 800.	4.5	11

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109	Vascular Bursts Act as a Versatile Tumor Vessel Permeation Route for Blood-Borne Particles and Cells. <i>Small</i> , 2021, 17, e2103751.	10.0	11
110	Nanomedicine strategies for addressing major needs in neglected tropical diseases. <i>Annual Reviews in Control</i> , 2019, 48, 423-441.	7.9	10
111	Effect of Mixing Ratio of Oppositely Charged Block Copolymers on Polyion Complex Micelles for In Vivo Application. <i>Polymers</i> , 2021, 13, 5.	4.5	10
112	Polymeric Micelles with pH-Responsive Cross-Linked Core Enhance In Vivo mRNA Delivery. <i>Pharmaceutics</i> , 2022, 14, 1205.	4.5	10
113	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.	3.3	9
114	Nanomedicines blocking adaptive signals in cancer cells overcome tumor TKI resistance. <i>Journal of Controlled Release</i> , 2020, 321, 132-144.	9.9	9
115	Manipulating dynamic tumor vessel permeability to enhance polymeric micelle accumulation. <i>Journal of Controlled Release</i> , 2021, 329, 63-75.	9.9	9
116	Recombinant Thrombomodulin Attenuates Preeclamptic Symptoms by Inhibiting High-Mobility Group Box 1 in Mice. <i>Endocrinology</i> , 2021, 162, .	2.8	9
117	Apoptotic Cell-Inspired Polymeric Particles for Controlling Microglial Inflammation toward Neurodegenerative Disease Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5705-5713.	5.2	8
118	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.	9.9	7
119	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.	5.2	7
120	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.	9.4	7
121	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.	5.8	7
122	Heparin-Derived Theranostic Nanoprobes Overcome the Blood-Brain Barrier and Target Glioma in Murine Model. <i>Advanced Therapeutics</i> , 2022, 5, .	3.2	7
123	Inside Cover: Charge-Conversional Polyionic Complex Micelles-Efficient Nanocarriers for Protein Delivery into Cytoplasm (<i>Angew. Chem. Int. Ed.</i> 29/2009). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5220-5220.	13.8	6
124	Ligand-Installed Nanocarriers: Ligand-Installed Nanocarriers toward Precision Therapy (<i>Adv. Mater.</i>) T_j ETQq0 0 0 rg BT /Overlock 10 T	21.0	6
125	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.	6.1	6
126	Enhanced MRI-Guided Gadolinium (III) Neutron Capture Therapy by Polymeric Nanocarriers Promoting Tumor Accumulation and Intracellular Delivery. <i>ChemNanoMat</i> , 2020, 6, 412-419.	2.8	6

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127	Cell Cycle Regulation and DNA Damage Response Networks in Diffuse- and Intestinal-Type Gastric Cancer. <i>Cancers</i> , 2021, 13, 5786.	3.7	6
128	Bundling mRNA Strands to Prepare Nanoassemblies with Enhanced Stability Towards RNase for In Vivo Delivery. <i>Angewandte Chemie</i> , 2019, 131, 11482-11485.	2.0	5
129	Self-assembled molecular gate field effect transistor for label free sialic acid detection at cell membrane. <i>Procedia Engineering</i> , 2010, 5, 926-929.	1.2	4
130	Erythrocyte depletion lifts nanoparticle half-lives. <i>Nature Biomedical Engineering</i> , 2020, 4, 670-671.	22.5	4
131	Thrombomodulin promotes placental function by up-regulating placental growth factor via inhibition of high-mobility-group box 1 and hypoxia-inducible factor 1 α . <i>Placenta</i> , 2021, 111, 1-9.	1.5	4
132	Microglial Immunoregulation by Apoptotic Cellular Membrane Mimetic Polymeric Particles. <i>ACS Macro Letters</i> , 2022, 11, 270-275.	4.8	4
133	mRNA Delivery: Polymeric Nanocarriers with Controlled Chain Flexibility Boost mRNA Delivery In Vivo through Enhanced Structural Fastening (<i>Adv. Healthcare Mater.</i> 16/2020). <i>Advanced Healthcare Materials</i> , 2020, 9, 2070054.	7.6	3
134	Bio-inspired nanomaterials for biomedical innovation. <i>Science and Technology of Advanced Materials</i> , 2020, 21, 420-421.	6.1	2
135	Development of Flexible Polycation-Based mRNA Delivery Systems for In Vivo Applications. <i>Materials Proceedings</i> , 2020, 4, .	0.2	2
136	Histological tumor necrosis in pancreatic cancer after neoadjuvant therapy. <i>Oncology Reports</i> , 2022, 48, .	2.6	2
137	Bridging Polymer Science and Medicine Through Supramolecular Nanoassemblies. <i>Advances in Polymer Science</i> , 2013, , 249-262.	0.8	1
138	Novel MR imaging and theranostics using Nano-DDS. <i>Drug Delivery System</i> , 2015, 30, 47-53.	0.0	1
139	Real-Time Assessment of Extracellular Vesicles by Intravital Microscopy Imaging. <i>IFAC-PapersOnLine</i> , 2018, 51, 22-23.	0.9	1
140	Strategies for ligand-installed nanocarriers. , 2021, , 633-655.		1
141	Phosphorylcholine-Installed Nanocarriers Target Pancreatic Cancer Cells through the Phospholipid Transfer Protein. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4439-4445.	5.2	1
142	Intravital Real-Time Confocal Laser Scanning Microscopy for the In Situ Evaluation of Nanocarriers. , 2013, , 607-620.		1
143	mRNA Structuring for Stabilizing mRNA Nanocarriers and Improving Their Delivery Efficiency. <i>Materials Proceedings</i> , 2020, 4, .	0.2	1
144	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	1

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145	Mechanically interlocked molecular architectures of valinomycin as cancer targeted prodrugs. Nano Select, 0, , .	3.7	1
146	Label free potentiometric sialic acid detection applicable to living cell diagnosis. , 2009, , .		0
147	Smart Nanoassemblies of Block Copolymers for Drug and Gene Delivery. , 0, , 91-110.		0
148	Happy Birthday Kataoka-sensei!. Macromolecular Bioscience, 2017, 17, 1600455.	4.1	0
149	Engineered Nanomedicine Targets Intractable Cancers. Materials Proceedings, 2021, 4, 84.	0.2	0
150	Mechanistic Analyses of Polymer/Lipid-Based Gene Transfection Processes through Membrane Integrity Assay Using Proton Sensing Transistor. Materials Proceedings, 2020, 4, .	0.2	0
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