

# Zhen Gu

## List of Publications by Year in Descending Order

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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.

246  
papers

20,900  
citations

80  
h-index

140  
g-index

272  
ext. papers

25,621  
ext. citations

14.5  
avg, IF

7.44  
L-index

#	Paper	IF	Citations
246	Bortezomib-Encapsulated Dual Responsive Copolymeric Nanoparticles for Gallbladder Cancer Targeted Therapy.. <i>Advanced Science</i> , <b>2022</b> , e2103895	13.6	2
245	Bioorthogonal catalysis for biomedical applications. <i>Trends in Chemistry</i> , <b>2022</b> , 4, 157-168	14.8	2
244	Leveraging Macrophages for Cancer Theranostics.. <i>Advanced Drug Delivery Reviews</i> , <b>2022</b> , 114136	18.5	2
243	Scattered seeding of CAR T cells in solid tumors augments anticancer efficacy.. <i>National Science Review</i> , <b>2022</b> , 9, nwab172	10.8	9
242	Modular polymer platform as a novel approach to head and neck cancer therapy.. <i>Scientific Reports</i> , <b>2022</b> , 12, 3592	4.9	
241	Flexible patch with printable and antibacterial conductive hydrogel electrodes for accelerated wound healing.. <i>Biomaterials</i> , <b>2022</b> , 285, 121479	15.6	6
240	Biomedical polymers: synthesis, properties, and applications.. <i>Science China Chemistry</i> , <b>2022</b> , 1-66	7.9	11
239	Tailoring the physicochemical properties of nanomaterials for immunomodulation. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 180, 114039	18.5	2
238	Smart oral insulin therapy. <i>Matter</i> , <b>2021</b> , 4, 3790-3791	12.7	0
237	ZnS@BSA Nanoclusters Potentiate Efficacy of Cancer Immunotherapy. <i>Advanced Materials</i> , <b>2021</b> , e2104037	11	13
236	Fibrin gel enhances the antitumor effects of chimeric antigen receptor T cells in glioblastoma. <i>Science Advances</i> , <b>2021</b> , 7, eabg5841	14.3	9
235	Microneedle-mediated therapy for cardiovascular diseases. <i>Drug Delivery and Translational Research</i> , <b>2021</b> , 12, 472	6.2	2
234	Cellular transformers for targeted therapy. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 179, 114032	18.5	3
233	Roadmap on nanomedicine. <i>Nanotechnology</i> , <b>2021</b> , 32, 012001	3.4	5
232	Inhibition of post-surgery tumour recurrence via a hydrogel releasing CAR-T cells and anti-PDL1-conjugated platelets. <i>Nature Biomedical Engineering</i> , <b>2021</b> , 5, 1038-1047	19	39
231	Bioorthogonal catalytic patch. <i>Nature Nanotechnology</i> , <b>2021</b> , 16, 933-941	28.7	30
230	Adipocyte-Derived Anticancer Lipid Droplets. <i>Advanced Materials</i> , <b>2021</b> , 33, e2100629	24	7

229	Disrupting tumour vasculature and recruitment of aPDL1-loaded platelets control tumour metastasis. <i>Nature Communications</i> , <b>2021</b> , 12, 2773	17.4	13
228	Transdermal Drug Delivery for Hair Regrowth. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 483-490	5.6	2
227	Developing Insulin Delivery Devices with Glucose Responsiveness. <i>Trends in Pharmacological Sciences</i> , <b>2021</b> , 42, 31-44	13.2	11
226	Microneedle Array Patches Integrated with Nanoparticles for Therapy and Diagnosis. <i>Small Structures</i> , <b>2021</b> , 2, 2000097	8.7	12
225	Toward nanoscopic cellular imaging by X-ray. <i>National Science Review</i> , <b>2021</b> , 8, nwa206	10.8	0
224	Rational designs of in vivo CRISPR-Cas delivery systems. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 168, 3-29	18.5	58
223	Microneedle-array patch with pH-sensitive formulation for glucose-responsive insulin delivery. <i>Nano Research</i> , <b>2021</b> , 14, 2689-2696	10	9
222	Tailoring Materials for Modulation of Macrophage Fate. <i>Advanced Materials</i> , <b>2021</b> , 33, e2004172	24	37
221	Nanodevices for cancer vaccination. <i>Nature Materials</i> , <b>2021</b> , 20, 286-287	27	4
220	Topographical nanostructures for physical sterilization. <i>Drug Delivery and Translational Research</i> , <b>2021</b> , 11, 1376-1389	6.2	5
219	Injectable Biodegradable Polymeric Complex for Glucose-Responsive Insulin Delivery. <i>ACS Nano</i> , <b>2021</b> , 15, 4294-4304	16.7	9
218	Cancer Therapy: Adipocyte-Derived Anticancer Lipid Droplets (Adv. Mater. 26/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170198	24	
217	Stimuli-responsive transdermal microneedle patches. <i>Materials Today</i> , <b>2021</b> , 47, 206-222	21.8	33
216	Microneedle-Mediated Vaccination: Innovation and Translation. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 179, 113919	18.5	9
215	Strategies for Browning Agent Delivery. <i>Pharmaceutical Research</i> , <b>2021</b> , 38, 1327-1334	4.5	0
214	Integrated microneedle-smartphone nucleic acid amplification platform for in-field diagnosis of plant diseases. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 187, 113312	11.8	7
213	Portable air-fed cold atmospheric plasma device for postsurgical cancer treatment. <i>Science Advances</i> , <b>2021</b> , 7, eabg5686	14.3	7
212	Engineered platelets: Advocates for tumor immunotherapy. <i>Nano Today</i> , <b>2021</b> , 40, 101281	17.9	6

211	Iron oxide nanoparticles augment the intercellular mitochondrial transfer-mediated therapy. <i>Science Advances</i> , <b>2021</b> , 7, eabj0534	14.3	10
210	Recent advances in transdermal sensors for glucose monitoring. <i>Current Opinion in Biomedical Engineering</i> , <b>2021</b> , 20, 100326	4.4	2
209	Cancer-on-a-Chip for Modeling Immune Checkpoint Inhibitor and Tumor Interactions. <i>Small</i> , <b>2021</b> , 17, e2004282	11	12
208	ZnS@BSA Nanoclusters Potentiate Efficacy of Cancer Immunotherapy (Adv. Mater. 49/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170390	24	
207	Cryo-shocked cancer cells for targeted drug delivery and vaccination. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	25
206	Cyborg Vessel. <i>Matter</i> , <b>2020</b> , 3, 1393-1395	12.7	
205	Biodegradable $\beta$ -cyclodextrin Conjugated Gelatin Methacryloyl Microneedle for Delivery of Water-Insoluble Drug. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e2000527	10.1	35
204	CRISPR-Cas12a delivery by DNA-mediated bioresponsive editing for cholesterol regulation. <i>Science Advances</i> , <b>2020</b> , 6, eaba2983	14.3	46
203	Cargo-encapsulated cells for drug delivery. <i>Science China Life Sciences</i> , <b>2020</b> , 63, 599-601	8.5	12
202	Progress in transdermal drug delivery systems for cancer therapy. <i>Nano Research</i> , <b>2020</b> , 13, 1810-1824	10	22
201	Advances in Antimicrobial Microneedle Patches for Combating Infections. <i>Advanced Materials</i> , <b>2020</b> , 32, e2002129	24	102
200	Transdermal cold atmospheric plasma-mediated immune checkpoint blockade therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 3687-3692	11.5	83
199	Gelatin Methacryloyl Microneedle Patches for Minimally Invasive Extraction of Skin Interstitial Fluid. <i>Small</i> , <b>2020</b> , 16, e1905910	11	54
198	Transdermal colorimetric patch for hyperglycemia sensing in diabetic mice. <i>Biomaterials</i> , <b>2020</b> , 237, 1197826	18.6	32
197	A prophylactic and a therapeutic against AML. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 4-5	19	
196	Engineering Biomaterials with Micro/Nanotechnologies for Cell Reprogramming. <i>ACS Nano</i> , <b>2020</b> , 14, 1296-1318	16.7	16
195	Glucose-Responsive Systems: Glucose-Responsive Insulin and Delivery Systems: Innovation and Translation (Adv. Mater. 13/2020). <i>Advanced Materials</i> , <b>2020</b> , 32, 2070102	24	1
194	Advances in engineering local drug delivery systems for cancer immunotherapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2020</b> , 12, e1632	9.2	17

193	DNA Extraction from Plant Leaves Using a Microneedle Patch. <i>Current Protocols in Plant Biology</i> , <b>2020</b> , 5, e20104	2.8	8
192	Calming Cytokine Storm in Pneumonia by Targeted Delivery of TPCA-1 Using Platelet-Derived Extracellular Vesicles. <i>Matter</i> , <b>2020</b> , 3, 287-301	12.7	53
191	Targeted Delivery of Notch Inhibitor Attenuates Obesity-Induced Glucose Intolerance and Liver Fibrosis. <i>ACS Nano</i> , <b>2020</b> , 14, 6878-6886	16.7	17
190	Glucose-responsive insulin patch for the regulation of blood glucose in mice and minipigs. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 499-506	19	166
189	Non-transdermal microneedles for advanced drug delivery. <i>Advanced Drug Delivery Reviews</i> , <b>2020</b> , 165-166, 41-59	18.5	46
188	Local and Targeted Delivery of Immune Checkpoint Blockade Therapeutics. <i>Accounts of Chemical Research</i> , <b>2020</b> , 53, 2521-2533	24.3	29
187	Engineering Antiviral Vaccines. <i>ACS Nano</i> , <b>2020</b> , 14, 12370-12389	16.7	23
186	Unraveling the mechanobiology of immune cells. <i>Current Opinion in Biotechnology</i> , <b>2020</b> , 66, 236-245	11.4	20
185	Colloidal crystal microneedle patch for glucose monitoring. <i>Nano Today</i> , <b>2020</b> , 35, 100984	17.9	26
184	Dual self-regulated delivery of insulin and glucagon by a hybrid patch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 29512-29517	11.5	29
183	Biodegradable microneedle patch for transdermal gene delivery. <i>Nanoscale</i> , <b>2020</b> , 12, 16724-16729	7.7	18
182	Glucose-Responsive Insulin and Delivery Systems: Innovation and Translation. <i>Advanced Materials</i> , <b>2020</b> , 32, e1902004	24	87
181	Microneedle Patches: Gelatin Methacryloyl Microneedle Patches for Minimally Invasive Extraction of Skin Interstitial Fluid (Small 16/2020). <i>Small</i> , <b>2020</b> , 16, 2070086	11	1
180	Engineered PD-L1-Expressing Platelets Reverse New-Onset Type 1 Diabetes. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907692	24	29
179	Red blood cell-derived nanoerythroosome for antigen delivery with enhanced cancer immunotherapy. <i>Science Advances</i> , <b>2019</b> , 5, eaaw6870	14.3	131
178	Adipocytes as Anticancer Drug Delivery Depot. <i>Matter</i> , <b>2019</b> , 1, 1203-1214	12.7	32
177	Enhanced local cancer therapy using a CA4P and CDDP co-loaded polypeptide gel depot. <i>Biomaterials Science</i> , <b>2019</b> , 7, 860-866	7.4	23
176	Nanoscience and Nanotechnology at UCLA. <i>ACS Nano</i> , <b>2019</b> , 13, 6127-6129	16.7	1

175	Extraction of Plant DNA by Microneedle Patch for Rapid Detection of Plant Diseases. <i>ACS Nano</i> , <b>2019</b> , 13, 6540-6549	16.7	54
174	Photothermal Therapy: Photothermal Therapy Promotes Tumor Infiltration and Antitumor Activity of CAR T Cells (Adv. Mater. 23/2019). <i>Advanced Materials</i> , <b>2019</b> , 31, 1970166	24	13
173	Advances of injectable hydrogel-based scaffolds for cartilage regeneration. <i>International Journal of Energy Production and Management</i> , <b>2019</b> , 6, 129-140	5.3	71
172	Glucose transporter inhibitor-conjugated insulin mitigates hypoglycemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 10744-10748	11.5	26
171	Advances in drug delivery for post-surgical cancer treatment. <i>Biomaterials</i> , <b>2019</b> , 219, 119182	15.6	65
170	Engineering Protein Delivery Depots for Cancer Immunotherapy. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 515-524	10	10
169	Photothermal Therapy Promotes Tumor Infiltration and Antitumor Activity of CAR T Cells. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900192	24	178
168	A Dual-Bioresponsive Drug-Delivery Depot for Combination of Epigenetic Modulation and Immune Checkpoint Blockade. <i>Advanced Materials</i> , <b>2019</b> , 31, e1806957	24	95
167	Bioinspired and Biomimetic Nanomedicines. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 1255-1264	24.3	80
166	A Therapeutic Microneedle Patch Made from Hair-Derived Keratin for Promoting Hair Regrowth. <i>ACS Nano</i> , <b>2019</b> , 13, 4354-4360	16.7	88
165	Cancer Stem Cell-Platelet Hybrid Membrane-Coated Magnetic Nanoparticles for Enhanced Photothermal Therapy of Head and Neck Squamous Cell Carcinoma. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1807733	15.6	78
164	Glucose-Responsive Microneedle Patches for Diabetes Treatment. <i>Journal of Diabetes Science and Technology</i> , <b>2019</b> , 13, 41-48	4.1	37
163	Sprayable gel for postsurgical immunotherapy. <i>Immuno-Oncology Technology</i> , <b>2019</b> , 2, 11-13	2.7	4
162	Bioresponsive Protein Complex of aPD1 and aCD47 Antibodies for Enhanced Immunotherapy. <i>Nano Letters</i> , <b>2019</b> , 19, 4879-4889	11.5	68
161	Eradication of unresectable liver metastasis through induction of tumour specific energy depletion. <i>Nature Communications</i> , <b>2019</b> , 10, 3051	17.4	33
160	Charge-switchable polymeric complex for glucose-responsive insulin delivery in mice and pigs. <i>Science Advances</i> , <b>2019</b> , 5, eaaw4357	14.3	62
159	In situ fabrication of organic electrochemical transistors on a microfluidic chip. <i>Nano Research</i> , <b>2019</b> , 12, 1943-1951	10	12
158	Sequentially Site-Specific Delivery of Thrombolytics and Neuroprotectant for Enhanced Treatment of Ischemic Stroke. <i>ACS Nano</i> , <b>2019</b> , 13, 8577-8588	16.7	72

157	On the issue of transparency and reproducibility in nanomedicine. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 629-635	28.7	92
156	Enzyme-activatable polymer-drug conjugate augments tumour penetration and treatment efficacy. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 799-809	28.7	327
155	Combretastatin A4 Nanodrug-Induced MMP9 Amplification Boosts Tumor-Selective Release of Doxorubicin Prodrug. <i>Advanced Materials</i> , <b>2019</b> , 31, e1904278	24	61
154	Advances in nanomedicine for cancer starvation therapy. <i>Theranostics</i> , <b>2019</b> , 9, 8026-8047	12.1	73
153	Advances in Engineering Cells for Cancer Immunotherapy. <i>Theranostics</i> , <b>2019</b> , 9, 7889-7905	12.1	29
152	Cysteine-rich Proteins for Drug Delivery and Diagnosis. <i>Current Medicinal Chemistry</i> , <b>2019</b> , 26, 1377-1388	4.3	4
151	A forskolin-conjugated insulin analog targeting endogenous glucose-transporter for glucose-responsive insulin delivery. <i>Biomaterials Science</i> , <b>2019</b> , 7, 4508-4513	7.4	9
150	Engineering glucose-responsive insulin. <i>Medicine in Drug Discovery</i> , <b>2019</b> , 3, 100010	7	2
149	Glucose-responsive oral insulin delivery for postprandial glycemic regulation. <i>Nano Research</i> , <b>2019</b> , 12, 1539-1545	10	33
148	Biodegradable Gelatin Methacryloyl Microneedles for Transdermal Drug Delivery. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1801054	10.1	105
147	Topical and Transdermal Nanomedicines for Cancer Therapy. <i>Bioanalysis</i> , <b>2019</b> , 231-251	0.5	2
146	In situ sprayed bioresponsive immunotherapeutic gel for post-surgical cancer treatment. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 89-97	28.7	424
145	Advances in transdermal insulin delivery. <i>Advanced Drug Delivery Reviews</i> , <b>2019</b> , 139, 51-70	18.5	119
144	Platelet for drug delivery. <i>Current Opinion in Biotechnology</i> , <b>2019</b> , 58, 81-91	11.4	80
143	Shape-controlled synthesis of liquid metal nanodroplets for photothermal therapy. <i>Nano Research</i> , <b>2019</b> , 12, 1313-1320	10	45
142	Strategies of Combination Drug Delivery for Immune Checkpoint Blockades. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1801099	10.1	17
141	In situ formed reactive oxygen species-responsive scaffold with gemcitabine and checkpoint inhibitor for combination therapy. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	318
140	Bioresponsive Microneedles with a Sheath Structure for H <sub>2</sub> O <sub>2</sub> and pH Cascade-Triggered Insulin Delivery. <i>Small</i> , <b>2018</b> , 14, e1704181	11	80

139	Advances in glycosylation-mediated cancer-targeted drug delivery. <i>Drug Discovery Today</i> , <b>2018</b> , 23, 112681838	36
138	Advances in transformable drug delivery systems. <i>Biomaterials</i> , <b>2018</b> , 178, 546-558	15.6 48
137	Nanomedicine for obesity treatment. <i>Science China Life Sciences</i> , <b>2018</b> , 61, 373-379	8.5 13
136	PD-1 Blockade Cellular Vesicles for Cancer Immunotherapy. <i>Advanced Materials</i> , <b>2018</b> , 30, e1707112	24 138
135	Core-Shell Microneedle Gel for Self-Regulated Insulin Delivery. <i>ACS Nano</i> , <b>2018</b> , 12, 2466-2473	16.7 132
134	Polymeric microneedles for transdermal protein delivery. <i>Advanced Drug Delivery Reviews</i> , <b>2018</b> , 127, 106-118	18.5 160
133	Leveraging Engineering of Cells for Drug Delivery. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 668-677	24.3 77
132	Macrophage-Specific in Vivo Gene Editing Using Cationic Lipid-Assisted Polymeric Nanoparticles. <i>ACS Nano</i> , <b>2018</b> , 12, 994-1005	16.7 114
131	Targeted repair of heart injury by stem cells fused with platelet nanovesicles. <i>Nature Biomedical Engineering</i> , <b>2018</b> , 2, 17-26	19 101
130	Advances in liquid metals for biomedical applications. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 2518-2533	58.5 173
129	Hierarchical Nanoassemblies-Assisted Combinational Delivery of Cytotoxic Protein and Antibiotic for Cancer Treatment. <i>Nano Letters</i> , <b>2018</b> , 18, 2294-2303	11.5 55
128	Synthetic beta cells for fusion-mediated dynamic insulin secretion. <i>Nature Chemical Biology</i> , <b>2018</b> , 14, 86-93	11.7 110
127	Engineering PD-1-Presenting Platelets for Cancer Immunotherapy. <i>Nano Letters</i> , <b>2018</b> , 18, 5716-5725	11.5 113
126	Advances in bioresponsive closed-loop drug delivery systems. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 544, 350-357	6.5 41
125	Cellular Bioparticulates with Therapeutics for Cancer Immunotherapy. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 702-708	6.3 12
124	Cancer Immunotherapy: PD-1 Blockade Cellular Vesicles for Cancer Immunotherapy (Adv. Mater. 22/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870152	24 13
123	Cardiac cell-integrated microneedle patch for treating myocardial infarction. <i>Science Advances</i> , <b>2018</b> , 4, eaat9365	14.3 111
122	Targeting of NLRP3 inflammasome with gene editing for the amelioration of inflammatory diseases. <i>Nature Communications</i> , <b>2018</b> , 9, 4092	17.4 80



121	Local generation of hydrogen for enhanced photothermal therapy. <i>Nature Communications</i> , <b>2018</b> , 9, 4241	17.4	150
120	Conjugation of haematopoietic stem cells and platelets decorated with anti-PD-1 antibodies augments anti-leukaemia efficacy. <i>Nature Biomedical Engineering</i> , <b>2018</b> , 2, 831-840	19	143
119	Blood sampling using microneedles as a minimally invasive platform for biomedical diagnostics. <i>Applied Materials Today</i> , <b>2018</b> , 13, 144-157	6.6	24
118	Cationic lipid-assisted nanoparticles for delivery of mRNA cancer vaccine. <i>Biomaterials Science</i> , <b>2018</b> , 6, 3009-3018	7.4	40
117	Injectable Bioresponsive Gel Depot for Enhanced Immune Checkpoint Blockade. <i>Advanced Materials</i> , <b>2018</b> , 30, e1801527	24	179
116	ROS-Responsive Microneedle Patch for Acne Vulgaris Treatment. <i>Advanced Therapeutics</i> , <b>2018</b> , 1, 1800035	15	42
115	Bacteria-Driven Hypoxia Targeting for Combined Biotherapy and Photothermal Therapy. <i>ACS Nano</i> , <b>2018</b> , 12, 5995-6005	16.7	146
114	Delivery Strategies for Immune Checkpoint Blockade. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, e1800424	10.1	57
113	Drug Delivery: Thrombin-Responsive Transcutaneous Patch for Auto-Anticoagulant Regulation (Adv. Mater. 4/2017). <i>Advanced Materials</i> , <b>2017</b> , 29,	24	2
112	In situ activation of platelets with checkpoint inhibitors for post-surgical cancer immunotherapy. <i>Nature Biomedical Engineering</i> , <b>2017</b> , 1,	19	278
111	Anaerobe-Inspired Anticancer Nanovesicles. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 2588-2594	10.1	109
110	Enhanced Cisplatin Chemotherapy by Iron Oxide Nanocarrier-Mediated Generation of Highly Toxic Reactive Oxygen Species. <i>Nano Letters</i> , <b>2017</b> , 17, 928-937	11.5	416
109	Relay Drug Delivery for Amplifying Targeting Signal and Enhancing Anticancer Efficacy. <i>Advanced Materials</i> , <b>2017</b> , 29, 1605803	24	49
108	Hypoxia and HO Dual-Sensitive Vesicles for Enhanced Glucose-Responsive Insulin Delivery. <i>Nano Letters</i> , <b>2017</b> , 17, 733-739	11.5	172
107	Engineering platelet-mimicking drug delivery vehicles. <i>Frontiers of Chemical Science and Engineering</i> , <b>2017</b> , 11, 624-632	4.5	21
106	Anaerobe-Inspired Anticancer Nanovesicles. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 2632-2637	3.6	17
105	Innentitelbild: Anaerobe-Inspired Anticancer Nanovesicles (Angew. Chem. 10/2017). <i>Angewandte Chemie</i> , <b>2017</b> , 129, 2558-2558	3.6	2
104	Stimuli-Responsive Polymersomes for Biomedical Applications. <i>Biomacromolecules</i> , <b>2017</b> , 18, 649-673	6.9	246

103	Dual Wavelength-Triggered Gold Nanorods for Anticancer Treatment. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1570, 195-208	1.4	1
102	Glucose-Responsive Insulin Delivery by Microneedle-Array Patches Loaded with Hypoxia-Sensitive Vesicles. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1570, 251-259	1.4	9
101	Ultrasound-triggered noninvasive regulation of blood glucose levels using microgels integrated with insulin nanocapsules. <i>Nano Research</i> , <b>2017</b> , 10, 1393-1402	10	55
100	Red Blood Cells for Glucose-Responsive Insulin Delivery. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606617	24	100
99	Tailoring Biomaterials for Cancer Immunotherapy: Emerging Trends and Future Outlook. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606036	24	178
98	Conjugated polymer nanomaterials for theranostics. <i>Acta Pharmacologica Sinica</i> , <b>2017</b> , 38, 764-781	8	65
97	Bioresponsive transcutaneous patches. <i>Current Opinion in Biotechnology</i> , <b>2017</b> , 48, 28-32	11.4	47
96	Insulin-Responsive Glucagon Delivery for Prevention of Hypoglycemia. <i>Small</i> , <b>2017</b> , 13, 1603028	11	24
95	Enhanced Endosomal Escape by Light-Fueled Liquid-Metal Transformer. <i>Nano Letters</i> , <b>2017</b> , 17, 2138-2145	15.5	109
94	HO-Responsive Vesicles Integrated with Transcutaneous Patches for Glucose-Mediated Insulin Delivery. <i>ACS Nano</i> , <b>2017</b> , 11, 613-620	16.7	201
93	KO of 5-InsP kinase activity transforms the HCT116 colon cancer cell line into a hypermetabolic, growth-inhibited phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 11968-11973	11.5	39
92	Bioengineering of Artificial Antigen Presenting Cells and Lymphoid Organs. <i>Theranostics</i> , <b>2017</b> , 7, 3504-3516	35.6	41
91	Locally Induced Adipose Tissue Browning by Microneedle Patch for Obesity Treatment. <i>ACS Nano</i> , <b>2017</b> , 11, 9223-9230	16.7	106
90	Kidney physiology: A size bandpass filter. <i>Nature Nanotechnology</i> , <b>2017</b> , 12, 1023-1025	28.7	18
89	Glucose-responsive insulin by molecular and physical design. <i>Nature Chemistry</i> , <b>2017</b> , 9, 937-943	17.6	72
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