# Yiyun Cheng

List of Publications by Year
in descending order



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|---|---|---|---|
| 143 papers | 12,297 citations | 26610 56 h-index | 26591 107 g-index |
| 165 all docs | 165 docs citations | 165 times ranked | 12528 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Gold nanocages covered by smart polymers for controlled release with near-infrared light. Nature Materials, 2009, 8, 935-939. | 13.3 | 1,335 |
| 2 | Gold Nanocages: From Synthesis to Theranostic Applications. Accounts of Chemical Research, 2011, 44, 914-924. | 7.6 | 755 |
| 3 | Design of biocompatible dendrimers for cancer diagnosis and therapy: current status and future perspectives. Chemical Society Reviews, 2011, 40, 2673. | 18.7 | 481 |
| 4 | Surface-Engineered Dendrimers in Gene Delivery. Chemical Reviews, 2015, 115, 5274-5300. | 23.0 | 369 |
| 5 | Multi-responsive photothermal-chemotherapy with drug-loaded melanin-like nanoparticles for synergetic tumor ablation. Biomaterials, 2016, 81, 114-124. | 5.7 | 362 |
| 6 | A general strategy towards personalized nanovaccines based on fluoropolymers for post-surgical cancer immunotherapy. Nature Nanotechnology, 2020, 15, 1043-1052. | 15.6 | 332 |
| 7 | A fluorinated dendrimer achieves excellent gene transfection efficacy at extremely low nitrogen to phosphorus ratios. Nature Communications, 2014, 5, 3053. | 5.8 | 329 |
| 8 | A boronic acidâ€“rich dendrimer with robust and unprecedented efficiency for cytosolic protein delivery and CRISPR-Cas9 gene editing. Science Advances, 2019, 5, eaaw8922. | 4.7 | 273 |
| 9 | Stimuli-responsive polydopamine-based smart materials. Chemical Society Reviews, 2021, 50, 8319-8343. | 18.7 | 262 |
| 10 | Metalâ€Containing Polydopamine Nanomaterials: Catalysis, Energy, and Theranostics. Small, 2020, 16, e1907042. | 5.2 | 240 |
| 11 | The fluorination effect of fluoroamphiphiles in cytosolic protein delivery. Nature Communications, 2018, 9, 1377. | 5.8 | 233 |
| 12 | Disulfide Cross-Linked Low Generation Dendrimers with High Gene Transfection Efficacy, Low Cytotoxicity, and Low Cost. Journal of the American Chemical Society, 2012, 134, 17680-17687. | 6.6 | 221 |
| 13 | Strategies in the delivery of Cas9 ribonucleoprotein for CRISPR/Cas9 genome editing. Theranostics, 2021, 11, 614-648. | 4.6 | 200 |
| 14 | Polymers for cytosolic protein delivery. Biomaterials, 2019, 218, 119358. | 5.7 | 187 |
| 15 | A Polydopamine Nanoparticle-Knotted Poly(ethylene glycol) Hydrogel for On-Demand Drug Delivery and Chemo-photothermal Therapy. Chemistry of Materials, 2017, 29, 1370-1376. | 3.2 | 182 |
| 16 | Stimuli-responsive dendrimers in drug delivery. Biomaterials Science, 2016, 4, 375-390. | 2.6 | 168 |
| 17 | A Nanocomposite Hydrogel with Potent and Broad-Spectrum Antibacterial Activity. ACS Applied Materials & Interfaces, 2018, 10, 15163-15173. | 4.0 | 159 |
| 18 | Rational Design of a Polymer with Robust Efficacy for Intracellular Protein and Peptide Delivery. Nano Letters, 2017, 17, 1678-1684. | 4.5 | 156 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Selfâ€Assembled Fluorodendrimers Combine the Features of Lipid and Polymeric Vectors in Gene Delivery. Angewandte Chemie - International Edition, 2015, 54, 11647-11651. | 7.2 | 152 |
| 20 | Fluoropolymers in biomedical applications: state-of-the-art and future perspectives. Chemical Society Reviews, 2021, 50, 5435-5467. | 18.7 | 151 |
| 21 | Melanin-like nanoparticles decorated with an autophagy-inducing peptide for efficient targeted photothermal therapy. Biomaterials, 2019, 203, 63-72. | 5.7 | 149 |
| 22 | A smart aminoglycoside hydrogel with tunable gel degradation, on-demand drug release, and high antibacterial activity. Journal of Controlled Release, 2017, 247, 145-152. | 4.8 | 148 |
| 23 | NMR Insights into Dendrimer-Based Hostâ€“Guest Systems. Chemical Reviews, 2012, 112, 3856-3891. | 23.0 | 147 |
| 24 | Autophagy inhibition enabled efficient photothermal therapy at a mild temperature. Biomaterials, 2017, 141, 116-124. | 5.7 | 143 |
| 25 | Green Tea Catechin Dramatically Promotes RNAi Mediated by Low-Molecular-Weight Polymers. ACS Central Science, 2018, 4, 1326-1333. | 5.3 | 135 |
| 26 | Near infrared light-responsive and injectable supramolecular hydrogels for on-demand drug delivery. Chemical Communications, 2016, 52, 978-981. | 2.2 | 134 |
| 27 | Fluorinated poly(propylenimine) dendrimers as gene vectors. Biomaterials, 2014, 35, 5407-5413. | 5.7 | 131 |
| 28 | A Coordinative Dendrimer Achieves Excellent Efficiency in Cytosolic Protein and Peptide Delivery. Angewandte Chemie - International Edition, 2020, 59, 4711-4719. | 7.2 | 128 |
| 29 | Skin Pigmentationâ€Inspired Polydopamine Sunscreens. Advanced Functional Materials, 2018, 28, 1802127. | 7.8 | 122 |
| 30 | Nanovaccine based on a protein-delivering dendrimer for effective antigen cross-presentation and cancer immunotherapy. Biomaterials, 2019, 207, 1-9. | 5.7 | 118 |
| 31 | Foe to Friend: Supramolecular Nanomedicines Consisting of Natural Polyphenols and Bortezomib. Nano Letters, 2018, 18, 7045-7051. | 4.5 | 109 |
| 32 | Multifunctional melanin-like nanoparticles for bone-targeted chemo-photothermal therapy of malignant bone tumors and osteolysis. Biomaterials, 2018, 183, 10-19. | 5.7 | 105 |
| 33 | Fluorinated Polyethylenimine to Enable Transmucosal Delivery of Photosensitizerâ€Conjugated Catalase for Photodynamic Therapy of Orthotopic Bladder Tumors Postintravesical Instillation. Advanced Functional Materials, 2019, 29, 1901932. | 7.8 | 102 |
| 34 | Natural polyphenols in drug delivery systems: Current status and future challenges. Giant, 2020, 3, 100022. | 2.5 | 102 |
| 35 | Dendrimer-Templated Ultrasmall and Multifunctional Photothermal Agents for Efficient Tumor Ablation. ACS Nano, 2016, 10, 4863-4872. | 7.3 | 100 |
| 36 | Fluoropolymers for intracellular and in vivo protein delivery. Biomaterials, 2018, 182, 167-175. | 5.7 | 100 |

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| 37 | Targeting nanoparticles for diagnosis and therapy of bone tumors: Opportunities and challenges. Biomaterials, 2021, 265, 120404. | 5.7 | 99 |
| 38 | A thermo-degradable hydrogel with light-tunable degradation and drug release. Biomaterials, 2017, 112, 133-140. | 5.7 | 98 |
| 39 | Smart Hydrogels with Antibacterial Properties Built from All Natural Building Blocks. Chemistry of Materials, 2019, 31, 7678-7685. | 3.2 | 97 |
| 40 | Trifolium-like Platinum Nanoparticle-Mediated Photothermal Therapy Inhibits Tumor Growth and Osteolysis in a Bone Metastasis Model. Small, 2015, 11, 2080-2086. | 5.2 | 87 |
| 41 | Injectable and responsively degradable hydrogel for personalized photothermal therapy. Biomaterials, 2016, 104, 129-137. | 5.7 | 87 |
| 42 | Dynamic Modulation of Enzyme Activity by Nearâ€Infrared Light. Angewandte Chemie - International Edition, 2017, 56, 6767-6772. | 7.2 | 86 |
| 43 | Natural Polyphenols Augment Cytosolic Protein Delivery by a Functional Polymer. Chemistry of Materials, 2019, 31, 1956-1965. | 3.2 | 81 |
| 44 | Fluoroalkylation promotes cytosolic peptide delivery. Science Advances, 2020, 6, eaaz1774. | 4.7 | 80 |
| 45 | The effect of fluorination on the transfection efficacy of surface-engineered dendrimers. Biomaterials, 2014, 35, 6603-6613. | 5.7 | 76 |
| 46 | Synergistic effect of amino acids modified on dendrimer surface in gene delivery. Biomaterials, 2014, 35, 9187-9198. | 5.7 | 74 |
| 47 | Tailoring the dendrimer core for efficient gene delivery. Acta Biomaterialia, 2016, 35, 1-11. | 4.1 | 73 |
| 48 | Natural Polyphenol Inspired Polycatechols for Efficient siRNA Delivery. CCS Chemistry, 2020, 2, 146-157. | 4.6 | 71 |
| 49 | Bioinspired Integration of Naturally Occurring Molecules towards Universal and Smart Antibacterial Coatings. Advanced Functional Materials, 2022, 32, 2108749. | 7.8 | 71 |
| 50 | All-small-molecule dynamic covalent gels with antibacterial activity by boronate-tannic acid gelation. Chinese Chemical Letters, 2020, 31, 869-874. | 4.8 | 67 |
| 51 | Dynamic Softening or Stiffening a Supramolecular Hydrogel by Ultraviolet or Near-Infrared Light. ACS Applied Materials & Interfaces, 2017, 9, 24511-24517. | 4.0 | 63 |
| 52 | Fluorination on polyethylenimine allows efficient 2D and 3D cell culture gene delivery. Journal of Materials Chemistry B, 2015, 3, 642-650. | 2.9 | 60 |
| 53 | Dendritic Platinumâ€“Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophotothermal Therapy. Advanced Functional Materials, 2016, 26, 5971-5978. | 7.8 | 60 |
| 54 | A pH-responsive hydrogel with potent antibacterial activity against both aerobic and anaerobic pathogens. Biomaterials Science, 2019, 7, 581-584. | 2.6 | 59 |

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| 55 | Off-on switching of enzyme activity by near-infrared light-induced photothermal phase transition of nanohybrids. Science Advances, 2019, 5, eaaw4252. | 4.7 | 58 |
| 56 | High-Throughput Screening of Dendrimer-Binding Drugs. Journal of the American Chemical Society, 2010, 132, 13182-13184. | 6.6 | 57 |
| 57 | Osteotropic peptide-mediated bone targeting for photothermal treatment of bone tumors. Biomaterials, 2017, 114, 97-105. | 5.7 | 57 |
| 58 | Fluorinated Polymer Mediated Transmucosal Peptide Delivery for Intravesical Instillation Therapy of Bladder Cancer. Small, 2019, 15, e1900936. | 5.2 | 57 |
| 59 | Stimuliâ€Responsive Hydrogels with Antibacterial Activity Assembled from Guanosine, Aminoglycoside, and a Bifunctional Anchor. Advanced Healthcare Materials, 2020, 9, e1901329. | 3.9 | 57 |
| 60 | Therapeutic Nanoparticles from Grape Seed for Modulating Oxidative Stress. Small, 2021, 17, e2102485. | 5.2 | 57 |
| 61 | Tailoring guanidyl-rich polymers for efficient cytosolic protein delivery. Journal of Controlled Release, 2020, 320, 412-420. | 4.8 | 56 |
| 62 | Strategies for efficient photothermal therapy at mild temperatures: Progresses and challenges. Chinese Chemical Letters, 2022, 33, 575-586. | 4.8 | 55 |
| 63 | One stone with two birds: Phytic acid-capped platinum nanoparticles for targeted combination therapy of bone tumors. Biomaterials, 2019, 194, 130-138. | 5.7 | 54 |
| 64 | A Combination of Guanidyl and Phenyl Groups on a Dendrimer Enables Efficient siRNA and DNA Delivery. Biomacromolecules, 2017, 18, 2371-2378. | 2.6 | 53 |
| 65 | A Self-Assembled Coumarin-Anchored Dendrimer for Efficient Gene Delivery and Light-Responsive Drug Delivery. Biomacromolecules, 2018, 19, 2194-2201. | 2.6 | 53 |
| 66 | Fluorination Promotes the Cytosolic Delivery of Genes, Proteins, and Peptides. Accounts of Chemical Research, 2022, 55, 722-733. | 7.6 | 52 |
| 67 | Bifunctional and Bioreducible Dendrimer Bearing a Fluoroalkyl Tail for Efficient Protein Delivery Both In Vitro and In Vivo. Nano Letters, 2020, 20, 8600-8607. | 4.5 | 51 |
| 68 | Triazine-modified dendrimer for efficient TRAIL gene therapy in osteosarcoma. Acta Biomaterialia, 2015, 17, 115-124. | 4.1 | 47 |
| 69 | A Guanidinium-Rich Polymer for Efficient Cytosolic Delivery of Native Proteins. Bioconjugate Chemistry, 2019, 30, 413-417. | 1.8 | 47 |
| 70 | Structure-activity relationships of fluorinated dendrimers in DNA and siRNA delivery. Acta Biomaterialia, 2016, 46, 204-210. | 4.1 | 46 |
| 71 | Dynamic Polymer Amphiphiles for Efficient Intracellular and In Vivo Protein Delivery. Advanced Materials, 2021, 33, e2104355. | 11.1 | 46 |
| 72 | Surface-Engineered Dendrimers with a Diaminododecane Core Achieve Efficient Gene Transfection and Low Cytotoxicity. Bioconjugate Chemistry, 2014, 25, 342-350. | 1.8 | 44 |

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| 73 | A degradable hydrogel formed by dendrimer-encapsulated platinum nanoparticles and oxidized dextran for repeated photothermal cancer therapy. Journal of Materials Chemistry B, 2018, 6, 2474-2480. | 2.9 | 44 |
| 74 | Hostâ€“Guest Chemistry of Dendrimerâ€“Cyclodextrin Conjugates: Selective Encapsulations of Guests within Dendrimer or Cyclodextrin Cavities Revealed by NOE NMR Techniques. Journal of Physical Chemistry B, 2012, 116, 11217-11224. | 1.2 | 42 |
| 75 | Tumor extracellular acidity activated â€œoffâ€“onâ€•release of bortezomib from a biocompatible dendrimer. Biomaterials Science, 2015, 3, 480-489. | 2.6 | 41 |
| 76 | Design of Polymers for Intracellular Protein and Peptide Delivery. Chinese Journal of Chemistry, 2021, 39, 1443-1449. | 2.6 | 41 |
| 77 | Structureâ€“activity relationship of dendrimers engineered with twenty common amino acids in gene delivery. Acta Biomaterialia, 2016, 29, 94-102. | 4.1 | 40 |
| 78 | Screening of efficient polymers for siRNA delivery in a library of hydrophobically modified polyethyleneimines. Journal of Materials Chemistry B, 2016, 4, 6468-6474. | 2.9 | 39 |
| 79 | A Duplex CRISPR-Cas9 Ribonucleoprotein Nanomedicine for Colorectal Cancer Gene Therapy. Nano Letters, 2021, 21, 9761-9771. | 4.5 | 38 |
| 80 | Screening of efficient siRNA carriers in a library of surface-engineered dendrimers. Scientific Reports, 2016, 6, 25069. | 1.6 | 37 |
| 81 | Rescue the retina after the ischemic injury by polymer-mediated intracellular superoxide dismutase delivery. Biomaterials, 2021, 268, 120600. | 5.7 | 37 |
| 82 | Polymers modified with double-tailed fluorous compounds for efficient DNA and siRNA delivery. Acta Biomaterialia, 2015, 22, 111-119. | 4.1 | 35 |
| 83 | Clustering Small Dendrimers into Nanoaggregates for Efficient DNA and siRNA Delivery with Minimal Toxicity. Advanced Healthcare Materials, 2016, 5, 584-592. | 3.9 | 33 |
| 84 | Fluorinated dendrimer for TRAIL gene therapy in cancer treatment. Journal of Materials Chemistry B, 2016, 4, 1354-1360. | 2.9 | 33 |
| 85 | Layerâ€byâ€Layer Assembled Smart Antibacterial Coatings via Musselâ€Inspired Polymerization and Dynamic Covalent Chemistry. Advanced Healthcare Materials, 2022, 11, e2200112. | 3.9 | 33 |
| 86 | Self-assembled fluorodendrimers in the co-delivery of fluorinated drugs and therapeutic genes. Polymer Chemistry, 2016, 7, 2319-2322. | 1.9 | 32 |
| 87 | A Carboxyl-Terminated Dendrimer Enables Osteolytic Lesion Targeting and Photothermal Ablation of Malignant Bone Tumors. ACS Applied Materials & Interfaces, 2019, 11, 160-168. | 4.0 | 32 |
| 88 | Statistical versus block fluoropolymers in gene delivery. Journal of Materials Chemistry B, 2018, 6, 7230-7238. | 2.9 | 31 |
| 89 | Boronic acid-rich dendrimer for efficient intracellular peptide delivery. Science China Materials, 2020, 63, 620-628. | 3.5 | 31 |
| 90 | Polycatechol Mediated Small Interfering RNA Delivery for the Treatment of Ulcerative Colitis. Advanced Functional Materials, 2021, 31, 2101646. | 7.8 | 30 |

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| 91 | A Facile Strategy to Prepare Dendrimer-stabilized Gold Nanorods with Sub-10-nm Size for Efficient Photothermal Cancer Therapy. Scientific Reports, 2016, 6, 22764. | 1.6 | 29 |
| 92 | Design of polymers for siRNA delivery: Recent progress and challenges. View, 2021, 2, 20200026. | 2.7 | 29 |
| 93 | Dynamic Modulation of Enzyme Activity by Nearâ€Infrared Light. Angewandte Chemie, 2017, 129, 6871-6876. | 1.6 | 28 |
| 94 | Carrierâ€Free Platinum Nanomedicine for Targeted Cancer Therapy. Small, 2020, 16, e2004829. | 5.2 | 28 |
| 95 | Aminoglycosideâ€Based Biomaterials: From Material Design to Antibacterial and Gene Delivery Applications. Advanced Functional Materials, 2021, 31, 2103718. | 7.8 | 28 |
| 96 | A pH-Responsive Phase-Transition Polymer with High Serum Stability in Cytosolic Protein Delivery. Nano Letters, 2021, 21, 7855-7861. | 4.5 | 28 |
| 97 | All-small-molecule dynamic covalent hydrogels with multistimuli responsiveness. Materials Chemistry Frontiers, 2019, 3, 472-475. | 3.2 | 27 |
| 98 | Natural polyphenol assisted delivery of single-strand oligonucleotides by cationic polymers. Gene Therapy, 2020, 27, 383-391. | 2.3 | 27 |
| 99 | Targeted and intracellular delivery of protein therapeutics by a boronated polymer for the treatment of bone tumors. Bioactive Materials, 2022, 7, 333-340. | 8.6 | 27 |
| 100 | Dendrimerâ€“surfactant interactions. Soft Matter, 2014, 10, 2714. | 1.2 | 26 |
| 101 | A smart hydrogel for on-demand delivery of antibiotics and efficient eradication of biofilms. Science China Materials, 2021, 64, 1035-1046. | 3.5 | 26 |
| 102 | An elastic gel consisting of natural polyphenol and pluronic for simultaneous dura sealing and treatment of spinal cord injury. Journal of Controlled Release, 2020, 323, 613-623. | 4.8 | 25 |
| 103 | G-quadruplex-based antiviral hydrogels by direct gelation of clinical drugs. Materials Chemistry Frontiers, 2019, 3, 1323-1327. | 3.2 | 22 |
| 104 | A manganese (II)-based coordinative dendrimer with robust efficiency in intracellular peptide delivery. Bioactive Materials, 2021, 9, 44-53. | 8.6 | 22 |
| 105 | In Vivo Tracking of Fluorinated Polypeptide Gene Carriers by Positron Emission Tomography Imaging. ACS Applied Materials & Interfaces, 2020, 12, 45763-45771. | 4.0 | 21 |
| 106 | Catechol-Based Polymers with High Efficacy in Cytosolic Protein Delivery. CCS Chemistry, 2023, 5, 1411-1421. | 4.6 | 20 |
| 107 | Boronic acid-engineered gold nanoparticles for cytosolic protein delivery. Biomaterials Science, 2020, 8, 3741-3750. | 2.6 | 18 |
| 108 | All-small-molecule supramolecular hydrogels assembled from guanosine 5â€²-monophosphate disodium salt and tobramycin for the treatment of bacterial keratitis. Bioactive Materials, 2022, 16, 293-300. | 8.6 | 18 |

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| 109 | Transdermal delivery of therapeutic agents using dendrimers (US20140018435A1): a patent evaluation. Expert Opinion on Therapeutic Patents, 2015, 25, 1209-1214. | 2.4 | 17 |
| 110 | Fabrication of Low-Generation Dendrimers into Nanostructures for Efficient and Nontoxic Gene Delivery. Topics in Current Chemistry, 2017, 375, 62. | 3.0 | 17 |
| 111 | A fluorinated peptide with high serum- and lipid-tolerence for the delivery of siRNA drugs to treat obesity and metabolic dysfunction. Biomaterials, 2022, 285, 121541. | 5.7 | 15 |
| 112 | Interactions between oppositely charged dendrimers. Soft Matter, 2012, 8, 9800. | 1.2 | 14 |
| 113 | Nucleobase-modified dendrimers as nonviral vectors for efficient and low cytotoxic gene delivery. Colloids and Surfaces B: Biointerfaces, 2015, 136, 1148-1155. | 2.5 | 14 |
| 114 | Melanin-like nanoparticles loaded with an angiotensin antagonist for an improved photothermal cancer therapy. Biomaterials Science, 2020, 8, 1658-1668. | 2.6 | 14 |
| 115 | Amplification of oxidative stressviaintracellular ROS production and antioxidant consumption by two natural drug-encapsulated nanoagents for efficient anticancer therapy. Nanoscale Advances, 2020, 2, 3872-3881. | 2.2 | 13 |
| 116 | Efficient delivery of small interfering RNA into cancer cells using dodecylated dendrimers. Journal of Materials Chemistry B, 2015, 3, 8197-8202. | 2.9 | 12 |
| 117 | Breaking the vicious cycle between tumor cell proliferation and bone resorption by chloroquine-loaded and bone-targeted polydopamine nanoparticles. Science China Materials, 2021, 64, 474-487. | 3.5 | 12 |
| 118 | Nanomedicines for the treatment of glaucoma: Current status and future perspectives. Acta Biomaterialia, 2021, 125, 41-56. | 4.1 | 12 |
| 119 | S,S-Tetrazine-Based Hydrogels with Visible Light Cleavable Properties for On-Demand Anticancer Drug Delivery. Research, 2020, 2020, 6563091. | 2.8 | 12 |
| 120 | A Smart Hydrogel with Antiâ€Biofilm and Antiâ€Virulence Activities to Treat Pseudomonas aeruginosa Infections. Advanced Healthcare Materials, 2022, 11, e2200299. | 3.9 | 12 |
| 121 | Hydrogen-bonding dramatically modulates the gene transfection efficacy of surface-engineered dendrimers. Biomaterials Science, 2015, 3, 500-508. | 2.6 | 11 |
| 122 | Temperature-Responsive Gene Silencing by a Smart Polymer. Bioconjugate Chemistry, 2016, 27, 495-499. | 1.8 | 11 |
| 123 | A coreâ€“shell structured polyplex for efficient and non-toxic gene delivery. Journal of Materials Chemistry B, 2017, 5, 5101-5108. | 2.9 | 11 |
| 124 | The REGÎ³ inhibitor NIP30 increases sensitivity to chemotherapy in p53-deficient tumor cells. Nature Communications, 2020, 11, 3904. | 5.8 | 10 |
| 125 | Library Screening to Identify Highly-Effective Autophagy Inhibitors for Improving Photothermal Cancer Therapy. Nano Letters, 2021, 21, 9476-9484. | 4.5 | 9 |
| 126 | A supramolecular approach to improve the gene transfection efficacy of dendrimers. Chemical Communications, 2015, 51, 9741-9743. | 2.2 | 8 |

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| 127 | A Coordinative Dendrimer Achieves Excellent Efficiency in Cytosolic Protein and Peptide Delivery. Angewandte Chemie, 2020, 132, 4741-4749. | 1.6 | 8 |
| 128 | Enhanced siRNA delivery of a cyclododecylated dendrimer compared to its linear derivative. Journal of Materials Chemistry B, 2016, 4, 5654-5658. | 2.9 | 6 |
| 129 | Being Two Is Better than Being One: A Facile Strategy to Fabricate Multicomponent Nanoparticles for Efficient Gene Delivery. Bioconjugate Chemistry, 2016, 27, 638-646. | 1.8 | 6 |
| 130 | Triggered release of anticancer drugs from PEGylated polydopamine nanospheres by near-infrared light. Journal of Controlled Release, 2015, 213, e122. | 4.8 | 5 |
| 131 | Dramatic shape transformation of Ag nanoparticles with concave facets in a solvothermal process. CrystEngComm, 2015, 17, 7469-7472. | 1.3 | 4 |
| 132 | Peptide modified polycations with pH triggered lytic activity for efficient gene delivery. Biomaterials Science, 2020, 8, 6301-6308. | 2.6 | 4 |
| 133 | Polydopamine Nanomaterials: Metalâ€Containing Polydopamine Nanomaterials: Catalysis, Energy, and Theranostics (Small 18/2020). Small, 2020, 16, 2070102. | 5.2 | 4 |
| 134 | Amphipathic poly-Î²-peptides for intracellular protein delivery. Chemical Communications, 2022, 58, 4320-4323. | 2.2 | 4 |
| 135 | Hybrid Anion Exchange Hollow Fiber Membrane for Delivery of Ionic Drugs. International Journal of Chemical Engineering, 2012, 2012, 1-9. | 1.4 | 2 |
| 136 | Self-assembled fluorodendrimers allow efficient transfection with ultra-low DNA dose. Journal of Controlled Release, 2015, 213, e42. | 4.8 | 2 |
| 137 | Cancer Therapy: Dendritic Platinum-Copper Alloy Nanoparticles as Theranostic Agents for Multimodal Imaging and Combined Chemophotothermal Therapy (Adv. Funct. Mater. 33/2016). Advanced Functional Materials, 2016, 26, 5950-5950. | 7.8 | 2 |
| 138 | How can we use dendrimer-templated ultrasmall and multifunctional nanoparticles in photothermal cancer therapy?. Nanomedicine, 2016, 11, 3181-3183. | 1.7 | 2 |
| 139 | Improving gene transfection efficacy of low generation dendrimers through specific hydrogen-bond recognition. Journal of Controlled Release, 2015, 213, e82-e83. | 4.8 | 1 |
| 140 | Catechol-grafted dendrimer with a neutral shell allows pH-triggered â€œoffâ€“onâ€•release of bortezomib. Journal of Controlled Release, 2015, 213, e78-e79. | 4.8 | 1 |
| 141 | Bone and metal targeted polymeric nanoparticles (US20150125391 A1): a patent evaluation. Expert Opinion on Therapeutic Patents, 2016, 26, 987-991. | 2.4 | 1 |
| 142 | InnenrÃ¼cktitelbild: A Coordinative Dendrimer Achieves Excellent Efficiency in Cytosolic Protein and Peptide Delivery (Angew. Chem. 12/2020). Angewandte Chemie, 2020, 132, 5000-5000. | 1.6 | 0 |
| 143 | Editorial: Novel Nanotechnology for Diagnosing and Treating Eye Disorders. Frontiers in Bioengineering and Biotechnology, 2021, 9, 639230. | 2.0 | 0 |