

Understanding nanoparticle endocytosis to improve tar

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Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Graphene nanoribbon-based supramolecular ensembles with dual-receptor targeting function for targeted photothermal tumor therapy. <i>Chemical Science</i> , 2021, 12, 11089-11097. | 3.7 | 16 |
| 2 | Smart Layer-by-Layer Polymeric Microreactors: pH-Triggered Drug Release and Attenuation of Cellular Oxidative Stress as Prospective Combination Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18511-18524. | 4.0 | 8 |
| 3 | Interplay of Nanoparticle Properties during Endocytosis. <i>Crystals</i> , 2021, 11, 728. | 1.0 | 12 |
| 4 | Multimodal Tracking of Hematopoietic Stem Cells from Young and Old Mice Labeled with Magnetic-Fluorescent Nanoparticles and Their Grafting by Bioluminescence in a Bone Marrow Transplant Model. <i>Biomedicines</i> , 2021, 9, 752. | 1.4 | 7 |
| 5 | Modifying Polydiacetylene Vesicle Compositions to Reduce Non-Specific Interactions. <i>Macromolecular Research</i> , 2021, 29, 449-452. | 1.0 | 3 |
| 6 | An unexpected biomaterial against SARS-CoV-2: Bio-polyphosphate blocks binding of the viral spike to the cell receptor. <i>Materials Today</i> , 2021, 51, 504-524. | 8.3 | 8 |
| 7 | Colchicine-Containing Nanoparticles Attenuates Acute Myocardial Infarction Injury by Inhibiting Inflammation. <i>Cardiovascular Drugs and Therapy</i> , 2022, 36, 1075-1089. | 1.3 | 17 |
| 8 | <i>In situ</i> phase transitional polymeric vaccines for improved immunotherapy. <i>National Science Review</i> , 2022, 9, nwab159. | 4.6 | 9 |
| 9 | Synthesis of NaYF ₄ :20% Yb ³⁺ ,2% Er ³⁺ ,2% Ce ³⁺ @NaYF ₄ nanorods and their size dependent uptake efficiency under flow condition. <i>Journal of Rare Earths</i> , 2022, 40, 1519-1526. | 2.5 | 1 |
| 10 | Nanomedicine-based delivery strategies for nucleic acid gene inhibitors in inflammatory diseases. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113809. | 6.6 | 30 |
| 12 | Prospective Application of Nanoparticles Green Synthesized Using Medicinal Plant Extracts as Novel Nanomedicines. <i>Nanotechnology, Science and Applications</i> , 2021, Volume 14, 179-195. | 4.6 | 17 |
| 13 | Biomimetic nanoparticles loading with gamabutin-indomethacin for chemo/photothermal therapy of cervical cancer and anti-inflammation. <i>Journal of Controlled Release</i> , 2021, 339, 259-273. | 4.8 | 31 |
| 14 | Nanoparticle-mediated specific elimination of soft cancer stem cells by targeting low cell stiffness. <i>Acta Biomaterialia</i> , 2021, 135, 493-505. | 4.1 | 13 |
| 15 | Titanium and Iron Oxide Nanoparticles for Cancer Therapy: Surface Chemistry and Biological Implications. <i>Frontiers in Nanotechnology</i> , 2021, 3, . | 2.4 | 8 |
| 16 | Distinct endocytosis and immune activation of poly(lactic-co-glycolic) acid nanoparticles prepared by single- and double-emulsion evaporation. <i>Nanomedicine</i> , 2021, 16, 2075-2094. | 1.7 | 4 |
| 17 | Biomaterial nanocarrier-driven mechanisms to modulate anti-tumor immunity. <i>Current Opinion in Biomedical Engineering</i> , 2021, 20, 100322. | 1.8 | 1 |
| 18 | Fate of CdSe/ZnS quantum dots in cells: Endocytosis, translocation and exocytosis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112140. | 2.5 | 19 |
| 19 | Cetuximab-Ag ₂ S quantum dots for fluorescence imaging and highly effective combination of ALA-based photodynamic/chemo-therapy of colorectal cancer cells. <i>Nanoscale</i> , 2021, 13, 14879-14899. | 2.8 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 20 | Tuning the organelle specificity and cytotoxicity of iridium(<i>III</i>) photosensitisers for enhanced phototheranostic applications. <i>Chemical Communications</i> , 2021, 57, 12008-12011. | 2.2 | 10 |
| 21 | Functionalized Nanoparticles Targeting Tumor-Associated Macrophages as Cancer Therapy. <i>Pharmaceutics</i> , 2021, 13, 1670. | 2.0 | 28 |
| 22 | Amphiphilic DNA nanostructures for bottom-up synthetic biology. <i>Chemical Communications</i> , 2021, 57, 12725-12740. | 2.2 | 24 |
| 23 | Deciphering Nanoparticle Trafficking into Glioblastomas Uncovers an Augmented Antitumor Effect of Metronomic Chemotherapy. <i>Advanced Materials</i> , 2022, 34, e2106194. | 11.1 | 17 |
| 24 | How to exploit different endocytosis pathways to allow selective delivery of anticancer drugs to cancer cells over healthy cells. <i>Chemical Science</i> , 2021, 12, 15407-15417. | 3.7 | 8 |
| 25 | Nanomaterials targeting tumor associated macrophages for cancer immunotherapy. <i>Journal of Controlled Release</i> , 2022, 341, 272-284. | 4.8 | 41 |
| 26 | The effect of gold nanoparticles synthesized with <i>Achillea biebersteinii</i> on gene expression in Cultured preantral Follicles derived from NMRI mice ovary. <i>Gene Reports</i> , 2022, 26, 101449. | 0.4 | 0 |
| 27 | Perspectives on the Influence of Crystal Size and Morphology on the Properties of Porous Framework Materials. <i>Frontiers in Chemistry</i> , 2021, 9, 772059. | 1.8 | 11 |
| 28 | Multifunctional plasmonic gold nanostars for cancer diagnostic and therapeutic applications. <i>Journal of Biophotonics</i> , 2022, 15, e202100264. | 1.1 | 6 |
| 29 | Biomimetic neutrophil and macrophage dual membrane-coated nanoplatfom with orchestrated tumor-microenvironment responsive capability promotes therapeutic efficacy against glioma. <i>Chemical Engineering Journal</i> , 2022, 433, 133848. | 6.6 | 23 |
| 30 | Regulation of Biological Functions at the Cell Interface by DNA Nanostructures. <i>Advanced NanoBiomed Research</i> , 2022, 2, 2100126. | 1.7 | 2 |
| 31 | Engineering of structural and functional properties of nanotherapeutics and nanodiagnostics for intranasal brain targeting in Alzheimer's. <i>Applied Materials Today</i> , 2022, 26, 101303. | 2.3 | 13 |
| 32 | Advances in tannic acid-incorporated biomaterials: Infection treatment, regenerative medicine, cancer therapy, and biosensing. <i>Chemical Engineering Journal</i> , 2022, 432, 134146. | 6.6 | 71 |
| 33 | Water stable, red emitting, carbon nanoparticles stimulate 3D cell invasion <i>via</i> clathrin-mediated endocytic uptake. <i>Nanoscale Advances</i> , 2022, 4, 1375-1386. | 2.2 | 7 |
| 34 | Combinatorial nanococktails via self-assembling lipid prodrugs for synergistically overcoming drug resistance and effective cancer therapy. <i>Biomaterials Research</i> , 2022, 26, 3. | 3.2 | 10 |
| 35 | Active targeting via ligand-anchored pH-responsive strontium nanoparticles for efficient nucleic acid delivery into breast cancer cells. <i>Journal of Pharmaceutical Investigation</i> , 2022, 52, 243-257. | 2.7 | 14 |
| 36 | Zeolitic Imidazolate Framework Nanoencapsulation of CpG for Stabilization and Enhancement of Immunoadjuvancy. <i>ACS Applied Nano Materials</i> , 2022, 5, 13697-13704. | 2.4 | 14 |
| 37 | Monitoring the distribution of internalized silica nanoparticles inside cells via direct stochastic optical reconstruction microscopy. <i>Journal of Colloid and Interface Science</i> , 2022, 615, 248-255. | 5.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 38 | Impact of chitosan-based nanocarriers on cytoskeleton dynamics: Current status and challenges. <i>Biocell</i> , 2022, 46, 885-891. | 0.4 | 0 |
| 39 | Combining Citation Network Information and Text Similarity for Research Article Recommender Systems. <i>IEEE Access</i> , 2022, 10, 16-23. | 2.6 | 8 |
| 40 | Simultaneous Exposure of Different Nanoparticles Influences Cell Uptake. <i>Pharmaceutics</i> , 2022, 14, 136. | 2.0 | 8 |
| 41 | Drug delivery of 6-bromoindirubin-3- β -D-glucopyranoside-glycerol-oxime ether employing poly(D,L-lactide-co-glycolide)-based nanoencapsulation techniques with sustainable solvents. <i>Journal of Nanobiotechnology</i> , 2022, 20, 5. | 4.2 | 7 |
| 42 | Carbon Dot Therapeutic Platforms: Administration, Distribution, Metabolism, Excretion, Toxicity, and Therapeutic Potential. <i>Small</i> , 2022, 18, e2106342. | 5.2 | 75 |
| 43 | Toxicity of BPNSs against <i>Chlorella vulgaris</i> : Oxidative damage, physical damage and self-protection mechanism. <i>Plant Physiology and Biochemistry</i> , 2022, 174, 63-72. | 2.8 | 3 |
| 44 | Targeting and promoting atherosclerosis regression using hybrid membrane coated nanomaterials via alleviated inflammation and enhanced autophagy. <i>Applied Materials Today</i> , 2022, 26, 101386. | 2.3 | 7 |
| 45 | GMT8 aptamer conjugated PEGylated Ag@Au core-shell nanoparticles as a novel radiosensitizer for targeted radiotherapy of glioma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 211, 112330. | 2.5 | 13 |
| 46 | Harnessing reactive oxygen/nitrogen species and inflammation: Nanodrugs for liver injury. <i>Materials Today Bio</i> , 2022, 13, 100215. | 2.6 | 29 |
| 48 | <i>In vivo</i> delivery of nuclear targeted drugs for lung cancer using novel synthesis and functionalization of iron oxide nanocrystals. <i>New Journal of Chemistry</i> , 2022, 46, 12488-12499. | 1.4 | 6 |
| 49 | Impact of RAFT chain transfer agents on the polymeric shell density of magneto-fluorescent nanoparticles and their cellular uptake. <i>Nanoscale</i> , 2022, 14, 5884-5898. | 2.8 | 2 |
| 50 | Lemon-Derived Extracellular Vesicles Nanodrugs Enable to Efficiently Overcome Cancer Multidrug Resistance by Endocytosis-Triggered Energy Dissipation and Energy Production Reduction. <i>Advanced Science</i> , 2022, 9, e2105274. | 5.6 | 40 |
| 51 | Cellular Uptake of Silica and Gold Nanoparticles Induces Early Activation of Nuclear Receptor NR4A1. <i>Nanomaterials</i> , 2022, 12, 690. | 1.9 | 10 |
| 52 | Defining Endocytic Pathways of Fucoidan-Coated PIBCA Nanoparticles from the Design of their Surface Architecture. <i>Pharmaceutical Research</i> , 2022, 39, 1135-1150. | 1.7 | 7 |
| 53 | How Does Immunomodulatory Nanoceria Work? ROS and Immunometabolism. <i>Frontiers in Immunology</i> , 2022, 13, 750175. | 2.2 | 7 |
| 54 | Study of oxygen-deficient W18O49-based drug delivery system readily absorbed through cellular internalization pathways in tumor-targeted chemo-/photothermal therapy. , 2022, 136, 212772. | | 2 |
| 55 | Recent advances of nanodrug delivery system in the treatment of hematologic malignancies. <i>Seminars in Cancer Biology</i> , 2022, 86, 607-623. | 4.3 | 10 |
| 56 | Synthesis and Characterization of Size- and Charge-Tunable Silver Nanoparticles for Selective Anticancer and Antibacterial Treatment. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 14981-14996. | 4.0 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 57 | The synthesis of nano bio-MOF-1 with a systematic evaluation on the biosafety and biocompatibility. <i>Microporous and Mesoporous Materials</i> , 2022, 334, 111773. | 2.2 | 13 |
| 58 | Stealth Luminescent Organic Nanoparticles Made from Quadrupolar Dyes for Two-Photon Bioimaging: Effect of End-Groups and Core. <i>Molecules</i> , 2022, 27, 2230. | 1.7 | 0 |
| 59 | Synthesis and Properties of Î±-Mangostin and Vadimezan Conjugates with Glucoheptoamidated and Biotinylated 3rd Generation Poly(amidoamine) Dendrimer, and Conjugation Effect on Their Anticancer and Anti-Nematode Activities. <i>Pharmaceutics</i> , 2022, 14, 606. | 2.0 | 2 |
| 60 | Vertical Orientation Probability Matters for Enhancing Nanoparticle-Macrophage Interaction and Efficient Phagocytosis. <i>Small Methods</i> , 2022, 6, e2101601. | 4.6 | 4 |
| 61 | Delivery of acetogenin-enriched <i>Annona muricata</i> Linn leaf extract by folic acid-conjugated and triphenylphosphonium-conjugated poly(glycerol adipate) nanoparticles to enhance toxicity against ovarian cancer cells. <i>International Journal of Pharmaceutics</i> , 2022, 618, 121636. | 2.6 | 9 |
| 62 | Microfluidic-Based Cationic Cholesterol Lipid siRNA Delivery Nanosystem: Highly Efficient In Vitro Gene Silencing and the Intracellular Behavior. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3999. | 1.8 | 2 |
| 63 | Fluorescent Flavin/PVP-Coated Silver Nanoparticles: Design and Biological Performance. <i>Journal of Fluorescence</i> , 2022, , 1. | 1.3 | 1 |
| 64 | Pharmacoengineered Lipid Core-Shell Nanoarchitectonics to Influence Human Alveolar Macrophages Uptake for Drug Targeting Against Tuberculosis. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 3276-3291. | 1.9 | 2 |
| 65 | Overcoming doxorubicin resistance in cancer: siRNA-loaded nanoarchitectures for cancer gene therapy. <i>Life Sciences</i> , 2022, 298, 120463. | 2.0 | 17 |
| 66 | Lateral size homogeneous and doping degree controllable potassium-doped graphene quantum dots by mechanochemical reaction. <i>Chemical Engineering Journal</i> , 2022, 440, 135800. | 6.6 | 4 |
| 67 | Synthesis of Silver and Gold Nanoparticles: Chemical and Green Synthesis Method and Its Toxicity Evaluation against Pathogenic Bacteria Using the ToxTrak Test. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-12. | 1.5 | 10 |
| 68 | Preparation of zinc oxide nanoparticles modified with galactose and assessment of their cytotoxic properties. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, . | 1.1 | 1 |
| 69 | Dissecting extracellular and intracellular distribution of nanoparticles and their contribution to therapeutic response by monochromatic ratiometric imaging. <i>Nature Communications</i> , 2022, 13, 2004. | 5.8 | 13 |
| 70 | Cell-surface glycosaminoglycans regulate the cellular uptake of charged polystyrene nanoparticles. <i>Nanoscale</i> , 2022, 14, 7350-7363. | 2.8 | 4 |
| 71 | Nanotechnology-Assisted Cell Tracking. <i>Nanomaterials</i> , 2022, 12, 1414. | 1.9 | 8 |
| 72 | Analysis of the In Vitro Toxicity of Nanocelluloses in Human Lung Cells as Compared to Multi-Walled Carbon Nanotubes. <i>Nanomaterials</i> , 2022, 12, 1432. | 1.9 | 11 |
| 73 | Macrophage-evading and tumor-specific apoptosis inducing nanoparticles for targeted cancer therapy. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 327-343. | 5.7 | 14 |
| 74 | The interfacial interactions of nanomaterials with human serum albumin. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4677-4684. | 1.9 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 75 | Polystyrene micro and nano-particles induce metabolic rewiring in normal human colon cells: A risk factor for human health. <i>Chemosphere</i> , 2022, 303, 134947. | 4.2 | 35 |
| 76 | Cytotoxic screening and antibacterial activity of Withaferin A. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2022, 85, 685-698. | 1.1 | 13 |
| 77 | Multifunctional nanoparticles of sinomenine hydrochloride for treat-to-target therapy of rheumatoid arthritis via modulation of proinflammatory cytokines. <i>Journal of Controlled Release</i> , 2022, 348, 42-56. | 4.8 | 19 |
| 78 | Endocytosis Pathway Self-Regulation for Precise Image-Guided Therapy through an Enzyme-Responsive Modular Peptide Probe. <i>Analytical Chemistry</i> , 2022, 94, 7960-7969. | 3.2 | 6 |
| 79 | Kidney Functional Stages Influence the Role of PEG End-group on the Renal Accumulation and Distribution of PEGylated Nanoparticles. <i>Nanoscale</i> , 0, , . | 2.8 | 2 |
| 80 | 3D nanoparticle superlocalization with a thin diffuser. <i>Optics Letters</i> , 2022, 47, 3079. | 1.7 | 3 |
| 81 | Polymersomes-Mediated Delivery of CSF1R Inhibitor to Tumor Associated Macrophages Promotes M2 to M1-Like Macrophage Repolarization. <i>Macromolecular Bioscience</i> , 2022, 22, . | 2.1 | 6 |
| 82 | Administration Routes as Modulators of the Intrahepatic Distribution and Anti-Anemic Activity of Salicylic Acid/Fe ₃ O ₄ Nanoparticles. <i>Biomedicines</i> , 2022, 10, 1213. | 1.4 | 0 |
| 83 | Bioactive 2D nanomaterials for neural repair and regeneration. <i>Advanced Drug Delivery Reviews</i> , 2022, 187, 114379. | 6.6 | 41 |
| 84 | The Synthesis and Properties of a New Carrier for Paclitaxel and Doxorubicin Based on the Amphiphilic Copolymer of <i>N-vinyl-2-pyrrolidone</i> and Acrylic Acid. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, . | 1.1 | 4 |
| 85 | Optimization of Biomimetic, Leukocyte-Mimicking Nanovesicles for Drug Delivery Against Colorectal Cancer Using a Design of Experiment Approach. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, . | 2.0 | 4 |
| 86 | Modulating Fingolimod (FTY720) Anti-SARS-CoV-2 Activity Using a PLGA-Based Drug Delivery System. <i>ACS Applied Bio Materials</i> , 2022, 5, 3371-3383. | 2.3 | 4 |
| 87 | Doxorubicin-Loaded Core-Shell UiO-66@SiO ₂ Metal-Organic Frameworks for Targeted Cellular Uptake and Cancer Treatment. <i>Pharmaceutics</i> , 2022, 14, 1325. | 2.0 | 26 |
| 88 | Ivermectin Enhanced Antitumor Activity of Resiquimod in a Co-Loaded Squalene Emulsion. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 3038-3046. | 1.6 | 4 |
| 89 | Enrichment Methods for Murine Liver Non-Parenchymal Cells Differentially Affect Their Immunophenotype and Responsiveness towards Stimulation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6543. | 1.8 | 4 |
| 90 | Understanding the role of surface interactions in the antibacterial activity of layered double hydroxide nanoparticles by atomic force microscopy. <i>Nanoscale</i> , 2022, 14, 10335-10348. | 2.8 | 11 |
| 92 | Polysaccharide-Polyplex Nanofilm Coatings Enhance Nanoneedle-Based Gene Delivery and Transfection Efficiency. <i>Small</i> , 2022, 18, . | 5.2 | 6 |
| 93 | Hyaluronic acid-entecavir conjugates-core/lipid-shell nanohybrids for efficient macrophage uptake and hepatotropic prospects. <i>International Journal of Biological Macromolecules</i> , 2022, 217, 731-747. | 3.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 94 | Intracellular fate and immune response of porphyrin-based nano-sized metal-organic frameworks. <i>Chemosphere</i> , 2022, 307, 135680. | 4.2 | 6 |
| 95 | Versatile Protein Coronation Approach with Multiple Depleted Serum for Creating Biocompatible, Precision Nanomedicine. <i>Small</i> , 0, , 2202002. | 5.2 | 0 |
| 96 | An update on dual targeting strategy for cancer treatment. <i>Journal of Controlled Release</i> , 2022, 349, 67-96. | 4.8 | 18 |
| 97 | In-Situ TEM Studies on Nanoparticle Interactions with Bacterial Cells. <i>Microscopy and Microanalysis</i> , 2022, 28, 1104-1106. | 0.2 | 1 |
| 98 | Internalization study of nanosized zeolite crystals in human glioblastoma cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 218, 112732. | 2.5 | 4 |
| 99 | Delivery process and effective design of vectors for cancer therapy. <i>Journal of Materials Chemistry B</i> , 2022, 10, 6896-6921. | 2.9 | 8 |
| 100 | Perfluoroalkyl-containing Compounds as a Tool for Drug Delivery Systems. , 2022, , 477-515. | | 2 |
| 101 | How can we use the endocytosis pathways to design nanoparticle drug-delivery vehicles to target cancer cells over healthy cells?. <i>Chemical Society Reviews</i> , 2022, 51, 7531-7559. | 18.7 | 27 |
| 102 | Drug Delivery Systems with a "Tumor-Triggered" Targeting or Intracellular Drug Release Property Based on DePEGylation. <i>Materials</i> , 2022, 15, 5290. | 1.3 | 3 |
| 103 | Polymeric Carriers for Delivery of RNA Cancer Therapeutics. <i>Non-coding RNA</i> , 2022, 8, 58. | 1.3 | 3 |
| 104 | DNA Framework-Programmed Ligand Positioning to Modulate the Targeting Performance. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 36957-36965. | 4.0 | 0 |
| 105 | Engineered Macrophage-Membrane-Coated Nanoparticles with Enhanced PD-1 Expression Induce Immunomodulation for a Synergistic and Targeted Antiglioblastoma Activity. <i>Nano Letters</i> , 2022, 22, 6606-6614. | 4.5 | 34 |
| 106 | Robust strategies in nuclear-targeted cancer therapy based on functional nanomaterials. <i>Materials and Design</i> , 2022, 221, 110999. | 3.3 | 9 |
| 107 | Transdermal delivery system based on heparin-modified graphene oxide for deep transportation, tumor microenvironment regulation, and immune activation. <i>Nano Today</i> , 2022, 46, 101565. | 6.2 | 8 |
| 108 | Targeted drug delivery nanocarriers based on hyaluronic acid-decorated dendrimer encapsulating gold nanoparticles for ovarian cancer therapy. <i>Materials Today Chemistry</i> , 2022, 26, 101083. | 1.7 | 4 |
| 109 | Behavior of Citrate-Capped Ultrasmall Gold Nanoparticles on a Supported Lipid Bilayer Interface at Atomic Resolution. <i>ACS Nano</i> , 2022, 16, 17179-17196. | 7.3 | 18 |
| 110 | Delivery and assessment of a CRISPR/nCas9-based genome editing system on in vitro models of mucopolysaccharidoses IVA assisted by magnetite-based nanoparticles. <i>Scientific Reports</i> , 2022, 12, . | 1.6 | 8 |
| 111 | Controlling Nanoparticle Uptake in Innate Immune Cells with Heparosan Polysaccharides. <i>Nano Letters</i> , 2022, 22, 7119-7128. | 4.5 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 112 | Therapeutic applications of nanomedicine in metabolic diseases by targeting the endothelium. QJM - Monthly Journal of the Association of Physicians, 0, , . | 0.2 | 1 |
| 113 | Quantum dots: The cutting-edge nanotheranostics in brain cancer management. Journal of Controlled Release, 2022, 350, 698-715. | 4.8 | 15 |
| 114 | Native PLGA nanoparticles regulate APP metabolism and protect neurons against β -amyloid toxicity: Potential significance in Alzheimer's disease pathology. International Journal of Biological Macromolecules, 2022, 219, 1180-1196. | 3.6 | 9 |
| 115 | A microfluidic serial dilutor (MSD): Design optimization and application to tuning of liposome nanoparticle preparation. Chemical Engineering Science, 2022, 263, 118080. | 1.9 | 1 |
| 116 | Hijacking the intrinsic vitamin B ₁₂ pathway for the oral delivery of nanoparticles, resulting in enhanced <i>in vivo</i> anti-leishmanial activity. Biomaterials Science, 2022, 10, 5669-5688. | 2.6 | 4 |
| 117 | Nuclear-targeted carbon quantum dot mediated CRISPR/Cas9 delivery for fluorescence visualization and efficient editing. Nanoscale, 2022, 14, 14645-14660. | 2.8 | 5 |
| 118 | Recent advances in nanotechnology approaches for non-viral gene therapy. Biomaterials Science, 2022, 10, 6862-6892. | 2.6 | 15 |
| 119 | The aspect ratio effect on the cytotoxicity of inert nano-particles flips depending on particle thickness, and is one of the reasons for the literature inconsistency. Nanoscale Advances, 2022, 4, 5257-5269. | 2.2 | 1 |
| 120 | Substrate stiffness reduces particle uptake by epithelial cells and macrophages in a size-dependent manner through mechanoregulation. Nanoscale, 2022, 14, 15141-15155. | 2.8 | 9 |
| 121 | Novel electrospun chitosan/PEO membranes for more predictive nanoparticle transport studies at biological barriers. Nanoscale, 2022, 14, 12136-12152. | 2.8 | 2 |
| 122 | Caveolae-dependent endocytosis mediates the cellular uptake of CdTe quantum dots in ovarian cancer cell lines. Research in Pharmaceutical Sciences, 2022, 17, 527. | 0.6 | 0 |
| 124 | PEG Conjugated Zein Nanoparticles for In Vivo Use. Pharmaceutics, 2022, 14, 1831. | 2.0 | 2 |
| 125 | Shall We Tune? From Core-Shell to Cloud Type Nanostructures in Heparin/Silica Hybrids. Polymers, 2022, 14, 3568. | 2.0 | 6 |
| 126 | Development of Polynucleotide-loaded Nanoparticles for the Regulation of Intracellular Nucleotide Levels. Chemistry Letters, 2022, 51, 1037-1039. | 0.7 | 0 |
| 127 | Peptide-based assembled nanostructures that can direct cellular responses. Biomedical Materials (Bristol), 2022, 17, 062002. | 1.7 | 1 |
| 128 | Ultrasound-Responsive Nanocarriers for Breast Cancer Chemotherapy. Micromachines, 2022, 13, 1508. | 1.4 | 11 |
| 129 | Fate of engineered nanomaterials at the human epithelial lung tissue barrier in vitro after single and repeated exposures. Frontiers in Toxicology, 0, 4, . | 1.6 | 1 |
| 131 | Advances in nanomaterials for the diagnosis and treatment of head and neck cancers: A review. Bioactive Materials, 2023, 25, 430-444. | 8.6 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 132 | Direct Measurement of Surfactant-Mediated Picoforces among Nanoparticles in a Quasi-Two-Dimensional Environment. <i>Langmuir</i> , 0, , . | 1.6 | 0 |
| 134 | Ruxolitinib-loaded black phosphorus nanosheets actively target proximal tubule cells to ameliorate nephrotic syndrome by reducing inflammation and oxidative stress. <i>Nano Today</i> , 2022, 47, 101631. | 6.2 | 2 |
| 135 | A noncanonical endocytic pathway is involved in the internalization of 3 μ m polystyrene beads into HeLa cells. <i>Biomaterials Science</i> , 2022, 10, 7093-7102. | 2.6 | 1 |
| 136 | NOAEL Cancer Therapy: Tumor Targetable Docetaxel-Inorganic Polymer Nanohybrid Prevents Drug-Induced Neutropenia. <i>Journal of Materials Chemistry B</i> , 0, , . | 2.9 | 0 |
| 137 | The stiffness-dependent tumor cell internalization of liquid metal nanoparticles. <i>Nanoscale</i> , 2022, 14, 16902-16917. | 2.8 | 5 |
| 138 | Lipid nanoparticles for delivery of RNA therapeutics: Current status and the role of <i>in vivo</i> imaging. <i>Theranostics</i> , 2022, 12, 7509-7531. | 4.6 | 43 |
| 139 | Transfer Phenomena of Nanoliposomes by Live Imaging of Primary Cultures of Cortical Neurons. <i>Pharmaceutics</i> , 2022, 14, 2172. | 2.0 | 2 |
| 140 | The feasibility of oral targeted drug delivery: Gut immune to particulates?. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 2544-2558. | 5.7 | 8 |
| 141 | Targeted Self-Assembly of Renal Clearable Cu ₂ S _x Se to Induce Lysosome Swelling for Multimodal Imaging Guided Photothermal/Chemodynamic Synergistic Therapy. <i>Advanced Functional Materials</i> , 2022, 32, . | 7.8 | 14 |
| 142 | Pitfalls in methods to study colocalization of nanoparticles in mouse macrophage lysosomes. <i>Journal of Nanobiotechnology</i> , 2022, 20, . | 4.2 | 4 |
| 143 | A Nanomedicine Structure-Activity Framework for Research, Development, and Regulation of Future Cancer Therapies. <i>ACS Nano</i> , 2022, 16, 17497-17551. | 7.3 | 10 |
| 144 | The mechanism of Hepatocyte-Targeting and safety profile of Phospholipid-Free small unilamellar vesicles. <i>International Journal of Pharmaceutics</i> , 2022, 628, 122269. | 2.6 | 0 |
| 145 | Responsive shape-shifting nanoarchitectonics and its application in tumor diagnosis and therapy. <i>Journal of Controlled Release</i> , 2022, 352, 600-618. | 4.8 | 10 |
| 146 | Neutrophil mediated drug delivery for targeted glioblastoma therapy: A comprehensive review. <i>Biomedicine and Pharmacotherapy</i> , 2022, 156, 113841. | 2.5 | 10 |
| 147 | Doxorubicin and tamoxifen loaded graphene oxide nanoparticle functionalized with chitosan and folic acid for anticancer drug delivery. <i>Polymer Bulletin</i> , 2023, 80, 2171-2185. | 1.7 | 4 |
| 148 | Immune Modifying Effect of Drug Free Biodegradable Nanoparticles on Disease Course of Experimental Autoimmune Neuritis. <i>Pharmaceutics</i> , 2022, 14, 2410. | 2.0 | 3 |
| 149 | Glial Cell Line-Derived Neurotrophic Factor-Loaded CMChT/PAMAM Dendrimer Nanoparticles for Peripheral Nerve Repair. <i>Pharmaceutics</i> , 2022, 14, 2408. | 2.0 | 1 |
| 150 | Gallic Acid-Triethylene Glycol Aptadendrimers Synthesis, Biophysical Characterization and Cellular Evaluation. <i>Pharmaceutics</i> , 2022, 14, 2456. | 2.0 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 151 | DNA-Modified Tetrahedra Corona-Modified Hydrogel Microcapsules: Smart-ATP or microRNA-Responsive Drug Carriers. <i>Small</i> , 2022, 18, . | 5.2 | 15 |
| 152 | Engineering Multishelled Nanostructures Enables Stepwise Self-Degradability for Drug-Release Optimization. <i>Nano Letters</i> , 2022, 22, 9181-9189. | 4.5 | 1 |
| 153 | Plate reader spectroscopy as an alternative to atomic absorption spectroscopy for the assessment of nanoparticle cellular uptake. <i>Heliyon</i> , 2022, , e11595. | 1.4 | 1 |
| 154 | Efficiency and Safety of Dextran-PAMAM/siMMP-9 Complexes for Decreasing Matrix Metalloproteinase-9 Expression and Promoting Wound Healing in Diabetic Rats. <i>Bioconjugate Chemistry</i> , 2022, 33, 2398-2410. | 1.8 | 2 |
| 155 | Kaurenoic acid nanocarriers regulates cytokine production and inhibit breast cancer cell migration. <i>Journal of Controlled Release</i> , 2022, 352, 712-725. | 4.8 | 5 |
| 156 | Organelle-targeted therapies: a comprehensive review on system design for enabling precision oncology. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, . | 7.1 | 35 |
| 157 | Nanoparticles for super-resolution microscopy: intracellular delivery and molecular targeting. <i>Chemical Society Reviews</i> , 2022, 51, 9882-9916. | 18.7 | 6 |
| 158 | Unravelling the interactions of biodegradable dendritic nucleic acid carriers and neural cells. <i>Biomaterials Science</i> , 2023, 11, 1499-1516. | 2.6 | 1 |
| 159 | A pH/GSH dual responsive nanoparticle with relaxivity-amplification for magnetic resonance imaging and suppression of tumors and metastases. <i>Nanoscale</i> , 0, , . | 2.8 | 2 |
| 160 | Metal-polyphenol nanodots loaded hollow MnO ₂ nanoparticles with a dynamic protection property for enhanced cancer chemodynamic therapy. <i>Journal of Colloid and Interface Science</i> , 2023, 634, 836-851. | 5.0 | 23 |
| 162 | Targeting the activity of T cells by membrane surface redox regulation for cancer theranostics. <i>Nature Nanotechnology</i> , 2023, 18, 86-97. | 15.6 | 24 |
| 163 | Superparamagnetic Iron Oxide Nanoparticles and Curcumin Equally Promote Neuronal Branching Morphogenesis in the Absence of Nerve Growth Factor in PC12 Cells. <i>Pharmaceutics</i> , 2022, 14, 2692. | 2.0 | 6 |
| 164 | Polymeric Nanoparticles with Embedded Eu(III) Complexes as Molecular Probes for Temperature Sensing. <i>Molecules</i> , 2022, 27, 8813. | 1.7 | 2 |
| 165 | Aspirin curcumin ester loaded biomimetic nanodrug improves cognitive deficits in a mouse model of Alzheimer's disease by regulating M1/M2 microglial polarization. <i>Materials Today Advances</i> , 2022, 16, 100321. | 2.5 | 1 |
| 166 | Overcoming Cytosolic Delivery Barriers of Proteins Using Denatured Protein-Conjugated Mesoporous Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 432-451. | 4.0 | 5 |
| 167 | Highly Effective Generation of Singlet Oxygen by an Imidazole-Linked Robust Photosensitizing Covalent Organic Framework. <i>ACS Nano</i> , 2022, 16, 21565-21575. | 7.3 | 24 |
| 168 | Prodrug Nanosensitizer Overcomes the Radiation Resistance of Hypoxic Tumor. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 56454-56470. | 4.0 | 3 |
| 169 | Carrier-Free Nanoplatform via Evoking Pyroptosis and Immune Response against Breast Cancer. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 452-468. | 4.0 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 170 | Pharmaceutical Nanotechnology. <i>Micro/Nano Technologies</i> , 2023, , 179-283. | 0.1 | 1 |
| 171 | Rhenium(I) Block Copolymers Based on Polyvinylpyrrolidone: A Successful Strategy to Water-Solubility and Biocompatibility. <i>Molecules</i> , 2023, 28, 348. | 1.7 | 0 |
| 172 | Upconverting Nanoparticles as a New Bio-Imaging Strategy—Investigating Intracellular Trafficking of Endogenous Processes in Neural Tissue. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1122. | 1.8 | 3 |
| 173 | A Novel Nanosafety Approach Using Cell Painting, Metabolomics, and Lipidomics Captures the Cellular and Molecular Phenotypes Induced by the Unintentionally Formed Metal-Based (Nano)Particles. <i>Cells</i> , 2023, 12, 281. | 1.8 | 7 |
| 174 | Nucleic acid drug vectors for diagnosis and treatment of brain diseases. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, . | 7.1 | 19 |
| 175 | Use of stimulatory responsive soft nanoparticles for intracellular drug delivery. <i>Nano Research</i> , 2023, 16, 6974-6990. | 5.8 | 12 |
| 176 | The role of cell membrane-coated nanoparticles as a novel treatment approach in glioblastoma. <i>Frontiers in Molecular Biosciences</i> , 0, 9, . | 1.6 | 2 |
| 177 | FU-coating pH-sensitive liposomes for improving the release of gemcitabine by endosome escape in pancreatic cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2023, 80, 104135. | 1.4 | 4 |
| 178 | Nanoscale coordination polymers enabling antioxidants inhibition for enhanced chemodynamic therapy. <i>Journal of Controlled Release</i> , 2023, 354, 196-206. | 4.8 | 11 |
| 179 | Targeting EGFR and Monitoring Tumorigenesis of Human Lung Cancer Cells In Vitro and In Vivo Using Nanodiamond-Conjugated Specific EGFR Antibody. <i>Pharmaceutics</i> , 2023, 15, 111. | 2.0 | 0 |
| 180 | Nano-sized Metal Oxides and Their use as a Surface Disinfectant Against COVID-19: (Review and) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3 | 0.1 | 0 |
| 181 | Nanosized metal-organic frameworks as unique platforms for bioapplications. <i>Chemical Communications</i> , 2023, 59, 2869-2887. | 2.2 | 12 |
| 182 | Membrane-mediated dimerization of spherocylindrical nanoparticles. <i>Soft Matter</i> , 2023, 19, 1499-1512. | 1.2 | 3 |
| 183 | Ligand free FeSn ₂ alloy nanoparticles for safe <i>T₂-weighted MR imaging of <i>in vivo</i> lung tumors. <i>Biomaterials Science</i>, 2023, 11, 2177-2185.</i> | 2.6 | 1 |
| 184 | Nanoparticle delivery through the BBB in central nervous system tuberculosis. , 2023, 9, 43-62. | | 1 |
| 185 | Nanomaterial Endocytosis: Quantification of Adsorption and Ingestion Mechanisms. <i>Magnetochemistry</i> , 2023, 9, 37. | 1.0 | 1 |
| 186 | Interaction of nanoparticles and nanocomposite with plant and environment. , 2023, , 161-193. | | 3 |
| 187 | Organosilica nanoparticles containing sodium borocaptate (BSH) provide a new perspectives for boron neutron capture therapy (BNCT): efficient cellular uptake and enhanced BNCT efficacy. <i>Nanoscale Advances</i> , 0, , . | 2.2 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 188 | Emerging ultrasmall luminescent nanoprobe for <i>in vivo</i> bioimaging. <i>Chemical Society Reviews</i> , 2023, 52, 1672-1696. | 18.7 | 27 |
| 189 | Polydopamine nanoparticles coated with a metal-polyphenol network for enhanced photothermal/chemodynamic cancer combination therapy. <i>International Journal of Biological Macromolecules</i> , 2023, 238, 124088. | 3.6 | 5 |
| 190 | Pre-exposure to titanium or iron oxide nanoparticles suppresses the subsequent cellular uptake of gold nanoparticles. <i>Science of the Total Environment</i> , 2023, 875, 162491. | 3.9 | 2 |
| 191 | Platinum-based combination nanomedicines for cancer therapy. <i>Current Opinion in Chemical Biology</i> , 2023, 74, 102290. | 2.8 | 4 |
| 192 | Functionalization of graphene oxide quantum dots for anticancer drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2023, 80, 104199. | 1.4 | 3 |
| 193 | Laser Ablated Albumin Functionalized Spherical Gold Nanoparticles Indicated for Stem Cell Tracking. <i>Materials</i> , 2023, 16, 1034. | 1.3 | 0 |
| 194 | Dual-Modal Apoptosis Assay Enabling Dynamic Visualization of ATP and Reactive Oxygen Species in Living Cells. <i>Analytical Chemistry</i> , 2023, 95, 3507-3515. | 3.2 | 6 |
| 195 | <sc>Liposome</sc> trimethyl<sc> chitosan nanoparticles codeliver insulin and <sc>siVEGF</sc> to treat corneal alkali burns by inhibiting ferroptosis. <i>Bioengineering and Translational Medicine</i> , 2023, 8, . | 3.9 | 2 |
| 196 | X-ray Activated Nanoplatforams for Deep Tissue Photodynamic Therapy. <i>Nanomaterials</i> , 2023, 13, 673. | 1.9 | 5 |
| 197 | Encapsulation of resveratrol within size-controlled nanoliposomes: Impact on solubility, stability, cellular permeability, and oral bioavailability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2023, 224, 113205. | 2.5 | 9 |
| 198 | Singlet Molecular Oxygen Generation via Unexpected Emission Color-Tunable CdSe/ZnS Nanocrystals for Applications in Photodynamic Therapy. <i>ACS Applied Nano Materials</i> , 2023, 6, 3767-3780. | 2.4 | 1 |
| 199 | Cellular Uptake of Silica Particles Influences EGFR Signaling Pathway and is Affected in Response to EGF. <i>International Journal of Nanomedicine</i> , 0, Volume 18, 1047-1061. | 3.3 | 3 |
| 200 | Anti-HER2 scFv<sc> Cyt </sc> Modified Lipid<sc> Encapsulated Oxygen Nanobubbles Prepared with Bulk Nanobubble Water for Inducing Apoptosis and Improving Photodynamic Therapy. <i>Small</i> , 0, , 2206091. | 5.2 | 0 |
| 202 | Quantitative Ratiometric Biosensors Based on Fluorescent Ferrocene-Modified Histidine Dipeptide Nanoassemblies. <i>Analytical Chemistry</i> , 2023, 95, 5053-5060. | 3.2 | 3 |
| 203 | Drug-Loading Content Influences Cellular Uptake of Polymer-Coated Nanocellulose. <i>Molecular Pharmaceutics</i> , 2023, 20, 2017-2028. | 2.3 | 1 |
| 204 | The enhanced generation of motor neurons from mESCs by MgAl layered double hydroxide nanoparticles. <i>Biomedical Materials (Bristol)</i> , 2023, 18, 034101. | 1.7 | 1 |
| 205 | <i>In Situ</i> Microscopic Studies on the Interaction of Multi-Principal Element Nanoparticles and Bacteria. <i>ACS Nano</i> , 2023, 17, 5880-5893. | 7.3 | 6 |
| 206 | Metallic and polymeric green nanoplatforams in oncology. <i>Journal of Applied Microbiology</i> , 2023, 134, . | 1.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 207 | The steep road to nonviral nanomedicines: Frequent challenges and culprits in designing nanoparticles for gene therapy. <i>Beilstein Journal of Nanotechnology</i> , 0, 14, 351-361. | 1.5 | 1 |
| 208 | Polyphotosensitizer-Based Nanoparticles with Michael Addition Acceptors Inhibiting GST Activity and Cisplatin Deactivation for Enhanced Chemotherapy and Photodynamic Immunotherapy. <i>Advanced Science</i> , 2023, 10, . | 5.6 | 6 |
| 209 | Caveolin-Mediated Internalization of Fmoc-FF Nanogels in Breast Cancer Cell Lines. <i>Pharmaceutics</i> , 2023, 15, 1026. | 2.0 | 5 |
| 210 | Boron Dopants in Red-Emitting B and N Co-Doped Carbon Quantum Dots Enable Targeted Imaging of Lysosomes. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 17045-17053. | 4.0 | 16 |
| 211 | Bone regeneration strategies based on organelle homeostasis of mesenchymal stem cells. <i>Frontiers in Endocrinology</i> , 0, 14, . | 1.5 | 0 |
| 212 | Evaluation the toxicity of gold nanoparticles derived fungal biomass and plant materials through chemical and green methodologies. <i>Biomass Conversion and Biorefinery</i> , 0, , . | 2.9 | 0 |
| 213 | Defect-free graphene enhances enzyme delivery to fibroblasts derived from patients with lysosomal storage disorders. <i>Nanoscale</i> , 2023, 15, 9348-9364. | 2.8 | 2 |
| 214 | Non-Viral Carriers for Nucleic Acids Delivery: Fundamentals and Current Applications. <i>Life</i> , 2023, 13, 903. | 1.1 | 6 |
| 216 | Intranasal Pathway for Nanoparticles to Enter the Central Nervous System. <i>Nano Letters</i> , 2023, 23, 5381-5390. | 4.5 | 5 |
| 217 | Non-Viral Nucleic Acid Delivery System for RNA Therapeutics. <i>Advanced Therapeutics</i> , 2023, 6, . | 1.6 | 2 |
| 218 | Insights into Gold Nanoparticles Possibilities for Diagnosis and Treatment of the Head and Neck Upper Aerodigestive Tract Cancers. <i>Cancers</i> , 2023, 15, 2080. | 1.7 | 3 |
| 219 | Nanocellulose: a review on preparation routes and applications in functional materials. <i>Cellulose</i> , 2023, 30, 4115-4147. | 2.4 | 17 |
| 220 | Iron oxide nanoparticles carried by probiotics for iron absorption: a systematic review. <i>Journal of Nanobiotechnology</i> , 2023, 21, . | 4.2 | 0 |
| 221 | Multifunctional ZnO nanostructures: a next generation nanomedicine for cancer therapy, targeted drug delivery, bioimaging, and tissue regeneration. <i>Nanotechnology</i> , 2023, 34, 282003. | 1.3 | 2 |
| 222 | Influence of structural dynamics on cell uptake investigated with single-chain polymeric nanoparticles. <i>CheM</i> , 2023, 9, 1562-1577. | 5.8 | 2 |
| 223 | Application of nanoparticles in the diagnosis and treatment of chronic kidney disease. <i>Frontiers in Medicine</i> , 0, 10, . | 1.2 | 1 |
| 224 | Quantifying Intracellular Nanoparticle Distributions with Three-Dimensional Super-Resolution Microscopy. <i>ACS Nano</i> , 2023, 17, 8376-8392. | 7.3 | 2 |
| 225 | Nano-bio interactions of upconversion nanoparticles at subcellular level: biodistribution and cytotoxicity. <i>Nanomedicine</i> , 2023, 18, 233-258. | 1.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 226 | Nanoparticulates. , 2023, , 797-838. | | 0 |
| 228 | Silica NPsâ€™Cytotoxicity Cross-Talk: Physicochemical Principles and Cell Biology Responses. Silicon, 0, , . | 1.8 | 0 |
| 266 | Nanotechnology in pest management: advantages, applications, and challenges. International Journal of Tropical Insect Science, 2023, 43, 1387-1399. | 0.4 | 8 |
| 276 | mRNA-Based Nanomedicine: A New Strategy for Treating Infectious Diseases and Beyond. European Journal of Drug Metabolism and Pharmacokinetics, 2023, 48, 515-529. | 0.6 | 1 |
| 286 | Magnetic materials-based medical devices for diagnosis, surgery, and therapy. , 2023, , 27-80. | | 0 |
| 316 | The Curie temperature: a key playmaker in self-regulated temperature hyperthermia. Journal of Materials Chemistry B, 0, , . | 2.9 | 1 |
| 337 | Entry and exit of extracellular vesicles to and from the blood circulation. Nature Nanotechnology, 0, , . | 15.6 | 4 |
| 362 | Connexin-Containing Vesicles for Drug Delivery. AAPS Journal, 2024, 26, . | 2.2 | 0 |
| 369 | Nanomedicine. , 2024, , 267-296. | | 0 |
| 370 | Introduction to magnetic nanosystems: Classifications, structure, properties, biological interactions, and diagnostic applications. , 2024, , 1-41. | | 0 |
| 379 | Chiral nanomaterials in tissue engineering. Nanoscale, 2024, 16, 5014-5041. | 2.8 | 0 |
| 391 | Molecular mechanisms of nanomaterial interaction with plants. , 2024, , 77-93. | | 0 |