

Principles of nanoparticle design for overcoming biolog

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Citation Report

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2	Nanostructured ultra-thin patches for ultrasound-modulated delivery of anti-restenotic drug. International Journal of Nanomedicine, 2016, 11, 69.	6.7	30
3	One step preparation of quantum dot-embedded lipid nanovesicles by a microfluidic device. RSC Advances, 2015, 5, 98576-98582.	3.6	9
4	Multistage vector (MSV) therapeutics. Journal of Controlled Release, 2015, 219, 406-415.	9.9	52
5	Drug therapy smartens up. Nature Nanotechnology, 2015, 10, 910-911.	31.5	5
6	Pharmacokinetics, pharmacodynamics and toxicology of theranostic nanoparticles. Nanoscale, 2015, 7, 18848-18862.	5.6	115
7	Enzymatic Synthesis and Characterization of Hydrophilic Sugar Based Polyesters and Their Modification with Stearic Acid. Polymers, 2016, 8, 80.	4.5	17
8	Multicomponent, peptide-targeted glycol chitosan nanoparticles containing ferrimagnetic iron oxide nanocubes for bladder cancer multimodal imaging. International Journal of Nanomedicine, 2016, Volume 11, 4141-4155.	6.7	46
9	Targeted Delivery of siRNA to Transferrin Receptor Overexpressing Tumor Cells via Peptide Modified Polyethylenimine. Molecules, 2016, 21, 1334.	3.8	32
10	Ligand-based targeted therapy: a novel strategy for hepatocellular carcinoma. International Journal of Nanomedicine, 2016, Volume 11, 5645-5669.	6.7	108
11	A novel paclitaxel-loaded poly(D,L-lactide-co-glycolide)-Tween 80 copolymer nanoparticle overcoming multidrug resistance for lung cancer treatment. International Journal of Nanomedicine, 2016, 11, 2119.	6.7	17
12	Anti-MUC1 nano-aptamers for triple-negative breast cancer imaging by single-photon emission computed tomography in induced animals: initial considerations. International Journal of Nanomedicine, 2017, Volume 12, 53-60.	6.7	30
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16	Development of Dendrimer Encapsulated Radio-Ytterbium and Biodistribution in Tumor Bearing Mice. IEEE Transactions on Nanobioscience, 2016, 15, 549-554.	3.3	6
17	Facile Generation of Tumor-Responsive Labile Linkage-Bridged Block Copolymers for Chemotherapeutic Delivery. Angewandte Chemie, 2016, 128, 1022-1026.	2.0	35
18	Ultra-small lipid-polymer hybrid nanoparticles for tumor-penetrating drug delivery. Nanoscale, 2016, 8, 14411-14419.	5.6	100
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21	Pentacle gold-copper alloy nanocrystals: a new system for entering male germ cells in vitro and in vivo. <i>Scientific Reports</i> , 2016, 6, 39592.	3.3	3
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23	The effect of particle density on ultrasound-mediated transport of nanoparticles. <i>Physics in Medicine and Biology</i> , 2016, 61, 7906-7918.	3.0	14
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26	Targeted Delivery of Shear Stress-Inducible microRNAs by Nanoparticles to Prevent Vulnerable Atherosclerotic Lesions. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 12, 152.	1.0	8
27	Biodistribution of biodegradable polymeric nano-carriers loaded with busulphan and designed for multimodal imaging. <i>Journal of Nanobiotechnology</i> , 2016, 14, 82.	9.1	28
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1927	Engineering long-circulating nanomaterial delivery systems. Current Opinion in Biotechnology, 2020, 66, 131-139.	6.6	24
1928	Biodegradable self-assembled nanoparticles of PEG-PLGA amphiphilic diblock copolymer as a promising stealth system for augmented vinpocetine brain delivery. International Journal of Pharmaceutics, 2020, 588, 119778.	5.2	16
1929	Luminescence Imaging of Acute Liver Injury by Biodegradable and Biocompatible Nanoprobes. ACS Nano, 2020, 14, 11083-11099.	14.6	37
1930	A fluorous biphasic drug delivery system triggered by low frequency ultrasound: controlled release from perfluorinated discoidal porous silicon particles. Nanoscale Advances, 2020, 2, 3561-3569.	4.6	6
1931	Antitumoral Drug: Loaded Hybrid Nanocapsules Based on Chitosan with Potential Effects in Breast Cancer Therapy. International Journal of Molecular Sciences, 2020, 21, 5659.	4.1	12
1932	Synthesis and characterization of turmeric oil loaded non-ionic surfactant vesicles (niosomes) and its enhanced larvicidal activity against mosquito vectors. Biocatalysis and Agricultural Biotechnology, 2020, 29, 101737.	3.1	14
1933	Structure, energetics and thermodynamics of PLGA condensed phases from Molecular Dynamics. Polymer, 2020, 206, 122903.	3.8	8
1934	Nanoparticles exhibit greater accumulation in kidney glomeruli during experimental glomerular kidney disease. Physiological Reports, 2020, 8, e14545.	1.7	20
1935	Cellular and Subcellular Targeted Delivery Using a Simple All-in-One Polymeric Nanoassembly. Angewandte Chemie - International Edition, 2020, 59, 23466-23470.	13.8	35
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1940	A multifunctional CeO ₂ @SiO ₂ -PEG nanoparticle carrier for delivery of food derived proanthocyanidin and curcumin as effective antioxidant, neuroprotective and anticancer agent. Food Research International, 2020, 137, 109674.	6.2	14
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1943	Impact of Protein Corona on Noncovalent Molecule-Gold Nanoparticle-Based Sensing. Analytical Chemistry, 2020, 92, 14990-14998.	6.5	7

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1945	Cockle shell-derived aragonite calcium carbonate nanoparticle for targeting cancer and breast cancer stem cells. <i>Cancer Nanotechnology</i> , 2020, 11, .	3.7	5
1946	Black phosphorus quantum dots encapsulated in anionic waterborne polyurethane nanoparticles for enhancing stability and reactive oxygen species generation for cancer PDT/PTT therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10650-10661.	5.8	20
1947	Recent advances in drug delivery systems for enhancing drug penetration into tumors. <i>Drug Delivery</i> , 2020, 27, 1474-1490.	5.7	71
1948	Cytotoxicity and insulin resistance reversal ability of biofunctional phytosynthesized MgO nanoparticles. <i>3 Biotech</i> , 2020, 10, 489.	2.2	9
1949	Systemically Delivered Magnetic Hyperthermia for Prostate Cancer Treatment. <i>Pharmaceutics</i> , 2020, 12, 1020.	4.5	35
1950	Electrophoresis of dielectric and immiscible-liquid-layer-encapsulated colloids in aqueous media. <i>Physical Review E</i> , 2020, 102, 042618.	2.1	1
1951	Serum level of vitamin D, CRP and biochemical parameter in acute and chronic brucellosis treated with doxycycline-loaded solid lipid nanoparticles. <i>Gene Reports</i> , 2020, 21, 100940.	0.8	3
1952	Polymeric Nanoparticles Controlled by Onâ€‘Chip Selfâ€‘Assembly Enhance Cancer Treatment Effectiveness. <i>Advanced Healthcare Materials</i> , 2020, 9, 2001633.	7.6	6
1953	Cancer Cell Membrane Camouflaged Semiâ€‘Yolk@Spikyâ€‘Shell Nanomotor for Enhanced Cell Adhesion and Synergistic Therapy. <i>Small</i> , 2020, 16, e2003834.	10.0	54
1954	Regeneration of hyaline cartilage in osteochondral lesion model using Lâ€‘lysine magnetic nanoparticles labeled mesenchymal stem cells and their in vivo imaging. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1604-1617.	2.7	8
1955	Morphology, structure and cytotoxicity of dye-loaded lipid nanoparticles based on monoamine pillar[5]arenes. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2962-2970.	5.9	10
1956	<p>Regulating Interactions Between Targeted Nanocarriers and Mononuclear Phagocyte System via an Esomeprazole-Based Preconditioning Strategy</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 6385-6399.	6.7	9
1957	Recent Advances in Nanocarrier-Assisted Therapeutics Delivery Systems. <i>Pharmaceutics</i> , 2020, 12, 837.	4.5	99
1958	Cellularâ€‘and Subcellularâ€‘Targeted Delivery Using a Simple Allâ€‘inâ€‘One Polymeric Nanoassembly. <i>Angewandte Chemie</i> , 2020, 132, 23672-23676.	2.0	6
1959	3D RNA nanocage for encapsulation and shielding of hydrophobic biomolecules to improve the in vivo biodistribution. <i>Nano Research</i> , 2020, 13, 3241-3247.	10.4	4
1960	Functionalized Graphene Oxide for Chemotherapeutic Drug Delivery and Cancer Treatment: A Promising Material in Nanomedicine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6280.	4.1	95
1961	Amelioration of ulcerative colitis <i>via</i> inflammatory regulation by macrophage-biomimetic nanomedicine. <i>Theranostics</i> , 2020, 10, 10106-10119.	10.0	77

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1963	A bilirubin-conjugated chitosan nanotheranostics system as a platform for reactive oxygen species stimuli-responsive hepatic fibrosis therapy. <i>Acta Biomaterialia</i> , 2020, 116, 356-367.	8.3	16
1964	Cancer-specific drug-drug nanoparticles of pro-apoptotic and cathepsin B-cleavable peptide-conjugated doxorubicin for drug-resistant cancer therapy. <i>Biomaterials</i> , 2020, 261, 120347.	11.4	60
1965	Examining the Anti-Tumor Activity of Dp44mT-Loaded Nanoparticles In Vitro. , 2020, 2020, 5029-5032.		0
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1968	Poly-(Lactic-co-Glycolic) Acid Nanoparticles for Synergistic Delivery of Epirubicin and Paclitaxel to Human Lung Cancer Cells. <i>Molecules</i> , 2020, 25, 4243.	3.8	19
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1970	TME-Responsive Polyprodrug Micelles for Multistage Delivery of Doxorubicin with Improved Cancer Therapeutic Efficacy in Rodents. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000387.	7.6	18
1971	Engineering Macrophages for Cancer Immunotherapy and Drug Delivery. <i>Advanced Materials</i> , 2020, 32, e2002054.	21.0	464
1972	Combined Tumor Environment Triggered Self-Assembling Peptide Nanofibers and Inducible Multivalent Ligand Display for Cancer Cell Targeting with Enhanced Sensitivity and Specificity. <i>Small</i> , 2020, 16, e2002780.	10.0	13
1973	pH-Responsive Nanoparticles for Cancer Immunotherapy: A Brief Review. <i>Nanomaterials</i> , 2020, 10, 1613.	4.1	51
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1977	Nanoparticles in the Biological Context: Surface Morphology and Protein Corona Formation. <i>Small</i> , 2020, 16, e2002162.	10.0	60
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1982	Cisplatin-loaded albumin nanoparticle and study their internalization effect by using β -cyclodextrin. Journal of Receptor and Signal Transduction Research, 2020, 41, 1-8.	2.5	8
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1984	Inducing Defects in ^{19}F -Nanocrystals Provides Paramagnetic-free Relaxation Enhancement for Improved <i>In Vivo</i> Hotspot MRI. Nano Letters, 2020, 20, 7207-7212.	9.1	18
1985	Dendrimers toward Translational Nanotherapeutics: Concise Key Step Analysis. Bioconjugate Chemistry, 2020, 31, 2060-2071.	3.6	38
1986	Internalization Mechanisms of Pyridinium Sulfobetaine Polymers Evaluated by Induced Protic Perturbations on Cell Surfaces. Langmuir, 2020, 36, 9977-9984.	3.5	10
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1988	Effect of Nanoparticle Composition, Size, Shape, and Stiffness on Penetration Across the Blood-Brain Barrier. ACS Biomaterials Science and Engineering, 2020, 6, 4916-4928.	5.2	90
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1992	The Coppery Age: Copper (Cu)-Involved Nanotheranostics. Advanced Science, 2020, 7, 2001549.	11.2	126
1993	Stealth cross-linked polymeric nanoparticles for passive drug targeting: a combination of molecular docking and comprehensive in vitro assay. Bulletin of Materials Science, 2020, 43, 1.	1.7	0
1994	Gold Nanoparticles: A New Golden Era in Oncology?. Pharmaceuticals, 2020, 13, 192.	3.8	30
1995	Retooling Cancer Nanotherapeutics™ Entry into Tumors to Alleviate Tumoral Hypoxia. Small, 2020, 16, e2003000.	10.0	36
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1999	Remodeling Tumor Microenvironment by Multifunctional Nanoassemblies for Enhanced Photodynamic Cancer Therapy. , 2020, 2, 1268-1286.		40
2000	Design, characterization, and intracellular trafficking of biofunctionalized chitosan nanomicelles. Biointerphases, 2020, 15, 061003.	1.6	5
2001	Intratumoral injection of hydrogel-embedded nanoparticles enhances retention in glioblastoma. Nanoscale, 2020, 12, 23838-23850.	5.6	38
2002	Nanotherapeutic modulation of excitotoxicity and oxidative stress in acute brain injury. Nanobiomedicine, 2020, 7, 184954352097081.	5.7	11
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2004	Bioinspired Synthesis of Intrinsically ¹⁷⁷Lu-Labeled Hybrid Nanoparticles for Potential Cancer Therapy. Industrial & Engineering Chemistry Research, 2020, 59, 22492-22500.	3.7	9
2005	Photo-Based Nanomedicines Using Polymeric Systems in the Field of Cancer Imaging and Therapy. Biomedicines, 2020, 8, 618.	3.2	7
2006	Mesoporous Silica Nanoparticles for Targeting Subcellular Organelles. International Journal of Molecular Sciences, 2020, 21, 9696.	4.1	32
2007	The Therapeutic Efficacy of Dendrimer and Micelle Formulations for Breast Cancer Treatment. Pharmaceutics, 2020, 12, 1212.	4.5	42
2008	Macrophage-Membrane-Camouflaged Disintegrable and Excretable Nanoconstruct for Deep Tumor Penetration. ACS Applied Materials & Interfaces, 2020, 12, 56767-56781.	8.0	39
2009	Drug-Loaded Lipid-Core Micelles in Mucoadhesive Films as a Novel Dosage Form for Buccal Administration of Poorly Water-Soluble and Biological Drugs. Pharmaceutics, 2020, 12, 1168.	4.5	14
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2075	Development and characterization of layer-by-layer coated liposomes with poly(L-lysine) and poly(L-glutamic acid) to increase their resistance in biological media. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119568.	5.2	14
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