

Polydopamine-based nanomaterials and their potential therapy

Colloids and Surfaces B: Biointerfaces

199, 111502

DOI: [10.1016/j.colsurfb.2020.111502](https://doi.org/10.1016/j.colsurfb.2020.111502)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Reactive oxygen species-responsive polydopamine nanoparticles for targeted and synergistic chemo and photodynamic anticancer therapy. <i>Nanoscale</i> , 2021, 13, 15899-15915.	2.8	15
2	Nanomaterials in Skin Regeneration and Rejuvenation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7095.	1.8	35
3	Sodium bicarbonate, an inorganic salt and a potential active agent for cancer therapy. <i>Chinese Chemical Letters</i> , 2021, 32, 3687-3695.	4.8	16
4	The protein corona and its effects on nanoparticle-based drug delivery systems. <i>Acta Biomaterialia</i> , 2021, 129, 57-72.	4.1	95
5	Evaluation of 2-Bromoisobutyryl Catechol Derivatives for Atom Transfer Radical Polymerization-Functionalized Polydopamine Coatings. <i>Langmuir</i> , 2021, 37, 8811-8820.	1.6	3
6	Current Trends and Challenges in Pharmaco-economic Aspects of Nanocarriers as Drug Delivery Systems for Cancer Treatment. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 6593-6644.	3.3	26
7	Facile synthesis of gold-nanoparticles by different capping agents and their anticancer performance against liver cancer cells. <i>Colloids and Interface Science Communications</i> , 2021, 44, 100482.	2.0	5
8	Performance of Polydopamine Complex and Mechanisms in Wound Healing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10563.	1.8	23
9	Biogenic and biocompatible silver nanoparticles for an apoptotic anti-ovarian activity and as polydopamine-functionalized antibiotic carrier for an augmented antibiofilm activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111935.	2.5	16
11	Folic acid decorated pH sensitive polydopamine coated honeycomb structured nickel oxide nanoparticles for targeted delivery of quercetin to triple negative breast cancer cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 630, 127609.	2.3	17
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13	Bacterial outer membrane vesicles as potential biological nanomaterials for antibacterial therapy. <i>Acta Biomaterialia</i> , 2022, 140, 102-115.	4.1	48
14	Biodegradable polydopamine and tetrasulfide bond co-doped hollowed mesoporous silica nanospheres as GSH-triggered nanosystem for synergistic chemo-photothermal therapy of breast cancer. <i>Materials and Design</i> , 2022, 215, 110467.	3.3	17
15	Advances and Potentials of Polydopamine Nanosystem in Photothermal-Based Antibacterial Infection Therapies. <i>Frontiers in Pharmacology</i> , 2022, 13, 829712.	1.6	12
16	Dual functional electrospun nanofiber membrane with ROS scavenging and revascularization ability for diabetic wound healing. <i>Colloids and Interface Science Communications</i> , 2022, 48, 100620.	2.0	17
17	Polydopamine nanoparticles attenuate retina ganglion cell degeneration and restore visual function after optic nerve injury. <i>Journal of Nanobiotechnology</i> , 2021, 19, 436.	4.2	31
18	Catalytic antimicrobial therapy using nanozymes. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, 14, e1769.	3.3	23
19	Electrospun Polysaccharides for Periodontal Tissue Engineering: A Review of Recent Advances and Future Perspectives. <i>Annals of Biomedical Engineering</i> , 2022, 50, 769-793.	1.3	9

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20	Nanomaterials-based photosensitizers and delivery systems for photodynamic cancer therapy. , 2022, 135, 212725.		36
21	Recent Advances in Poly(\pm -L-glutamic acid)-Based Nanomaterials for Drug Delivery. Biomolecules, 2022, 12, 636.	1.8	57
22	A copper(II) displacement approach for fluorescent turn-on sensing of glutathione using salicylaldehyde modified polydopamine nanoparticles. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 430, 113987.	2.0	4
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38	Polyesterâ€“Polydopamine Copolymers for Intravitreal Drug Delivery: Role of Polydopamine Drug-Binding Properties in Extending Drug Release. <i>Biomacromolecules</i> , 0, , .	2.6	3
39	Dopamine facilitates Al ₂ O ₃ film growth on polyethylene terephthalate by low-temperature plasma-enhanced atomic layer deposition. <i>Nanotechnology</i> , 2022, 33, 485705.	1.3	1
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49	An inorganic-organic-polymeric nanovehicle for targeting delivery of doxorubicin: Rational assembly, pH-stimulus release, and dual hyperthermia/chemotherapy of hepatocellular carcinoma. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2023, 241, 112682.	1.7	3
50	Regulation of protein corona on liposomes using albumin-binding peptide for targeted tumor therapy. <i>Journal of Controlled Release</i> , 2023, 355, 593-603.	4.8	13
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52	Multi-applications of carbon dots and polydopamine-coated carbon dots for Fe ³⁺ detection, bioimaging, dopamine assay and photothermal therapy. , 2023, 18, .		6
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67	Emerging trends in nano-based antidiabetic therapeutics: a path to effective diabetes management. <i>Materials Advances</i> , 2023, 4, 3091-3113.	2.6	3