Yongyong Li

List of Publications by Year
in descending order

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Version: 2024-02-01

65	2,123	279701	243529
papers	citations	23 h-index	44 g-index

68	68	68	3384
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineered Redoxâ€Responsive PEG Detachment Mechanism in PEGylated Nanoâ€Graphene Oxide for Intracellular Drug Delivery. Small, 2012, 8, 760-769.	5.2	308
2	Cell membrane biomimetic nanoparticles for inflammation and cancer targeting in drug delivery. Biomaterials Science, 2020, 8, 552-568.	2.6	187
3	Engineering of a novel pluronic F127/graphene nanohybrid for pH responsive drug delivery. Journal of Biomedical Materials Research - Part A, 2012, 100A, 141-148.	2.1	179
4	Effective Gene Delivery Using Stimulus-Responsive Catiomer Designed with Redox-Sensitive Disulfide and Acid-Labile Imine Linkers. Biomacromolecules, 2012, 13, 1024-1034.	2.6	113
5	â€œMinimalistâ€•Nanovaccine Constituted from Near Whole Antigen for Cancer Immunotherapy. ACS Nano, 2018, 12, 6398-6409.	7.3	81
6	A Versatile Multicomponent Assembly via Î²â€cyclodextrin Hostâ€“Guest Chemistry on Graphene for Biomedical Applications. Small, 2013, 9, 446-456.	5.2	73
7	Feverâ€Inspired Immunotherapy Based on Photothermal CpG Nanotherapeutics: The Critical Role of Mild Heat in Regulating Tumor Microenvironment. Advanced Science, 2018, 5, 1700805.	5.6	67
8	Engineering antigen as photosensitiser nanocarrier to facilitate ROS triggered immune cascade for photodynamic immunotherapy. Biomaterials, 2020, 244, 119964.	5.7	62
9	A Facile Oneâ€Pot Construction of Supramolecular Polymer Micelles from Î±â€Cyclodextrin and Poly(Îµâ€caprolactone). Angewandte Chemie - International Edition, 2008, 47, 5573-5576.	7.2	61
10	Recent Advances in Magneticâ€Nanomaterialâ€Based Mechanotransduction for Cell Fate Regulation. Advanced Materials, 2018, 30, e1705673.	11.1	57
11	Graphene-based nanovehicles for photodynamic medical therapy. International Journal of Nanomedicine, 2015, 10, 2451.	3.3	45
12	Delivery of microRNA-1 inhibitor by dendrimer-based nanovector: An early targeting therapy for myocardial infarction in mice. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 619-631.	1.7	43
13	Nanoparticle reinforced bacterial outer-membrane vesicles effectively prevent fatal infection of carbapenem-resistant Klebsiella pneumoniae. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 24, 102148.	1.7	43
14	Nano-assembly of bovine serum albumin driven by rare-earth-ion (Gd) biomineralization for highly efficient photodynamic therapy and tumor imaging. Journal of Materials Chemistry B, 2016, 4, 743-751.	2.9	40
15	Disulfide-bridged cleavable PEGylation in polymeric nanomedicine for controlled therapeutic delivery. Nanomedicine, 2015, 10, 1941-1958.	1.7	38
16	Harnessing the PEG-cleavable strategy to balance cytotoxicity, intracellular release and the therapeutic effect of dendrigraft poly-<scp>l</scp>-lysine for cancer gene therapy. Journal of Materials Chemistry B, 2016, 4, 1284-1295.	2.9	37
17	Design Strategies and Applications of ROS-Responsive Phenylborate Ester-Based Nanomedicine. ACS Biomaterials Science and Engineering, 2020, 6, 6510-6527.	2.6	37
18	Bioengineering of nano metal-organic frameworks for cancer immunotherapy. Nano Research, 2021, 14, 1244-1259.	5.8	37

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19	Green Synthetic, Multifunctional Hybrid Micelles with Shell Embedded Magnetic Nanoparticles for Theranostic Applications. ACS Applied Materials & Interfaces, 2013, 5, 7227-7235.	4.0	34
20	Engineered Biomimetic Nanoplatform Protects the Myocardium Against Ischemia/Reperfusion Injury by Inhibiting Pyroptosis. ACS Applied Materials & Interfaces, 2021, 13, 33756-33766.	4.0	29
21	Self-Templated, Green-Synthetic, Size-Controlled Protein Nanoassembly as a Robust Nanoplatform for Biomedical Application. ACS Applied Materials & Interfaces, 2018, 10, 11457-11466.	4.0	28
22	Engineering docetaxel-loaded micelles for non-small cell lung cancer: a comparative study of microfluidic and bulk nanoparticle preparation. RSC Advances, 2018, 8, 31950-31966.	1.7	28
23	A graphene quantum dot (GQD) nanosystem with redox-triggered cleavable PEG shell facilitating selective activation of the photosensitiser for photodynamic therapy. RSC Advances, 2016, 6, 6516-6522.	1.7	27
24	Nanofactory for metabolic and chemodynamic therapy: pro-tumor lactate trapping and anti-tumor ROS transition. Journal of Nanobiotechnology, 2021, 19, 426.	4.2	26
25	Polyethylene glycol–poly(ε-benzyloxycarbonyl-L-lysine)-conjugated VEGF siRNA for antiangiogenic gene therapy in hepatocellular carcinoma. International Journal of Nanomedicine, 2017, Volume 12, 3591-3603.	3.3	25
26	A Novel Antiâ€Coagulative Nanocomplex in Delivering miRNAâ€1 Inhibitor Against Microvascular Obstruction of Myocardial Infarction. Advanced Healthcare Materials, 2020, 9, 1901783.	3.9	22
27	Targeting the Negative Feedback of Adenosineâ€A2AR Metabolic Pathway by a Tailored Nanoinhibitor for Photothermal Immunotherapy. Advanced Science, 2022, 9, e2104182.	5.6	21
28	Sheddable, degradable, cationic micelles enabling drug and gene delivery. RSC Advances, 2014, 4, 8165.	1.7	20
29	Reversible PEGylation and Schiff-base linked imidazole modification of polylysine for high-performance gene delivery. Journal of Materials Chemistry B, 2015, 3, 1507-1517.	2.9	20
30	Engineering of peglayted camptothecin into coreâ€“shell nanomicelles for improving solubility, stability and combination delivery. MedChemComm, 2012, 3, 1555.	3.5	19
31	Self-assembled, redox-sensitive, H-shaped pegylated methotrexate conjugates with high drug-carrying capability for intracellular drug delivery. MedChemComm, 2014, 5, 147-152.	3.5	19
32	Suppression of VEGF by Reversibleâ€PEGylated Histidylated Polylysine in Cancer Therapy. Advanced Healthcare Materials, 2014, 3, 1818-1827.	3.9	19
33	Dual Closed-Loop of Catalyzed Lactate Depletion and Immune Response to Potentiate Photothermal Immunotherapy. ACS Applied Materials & Interfaces, 2022, 14, 23260-23276.	4.0	19
34	Highly Efficient Drug Delivery Nanosystem via <scp>L</scp>â€Phenylalanine Triggering Based on Supramolecular Polymer Micelles. Macromolecular Rapid Communications, 2011, 32, 540-545.	2.0	17
35	Nanovaccine biomineralization for cancer immunotherapy: a NADPH oxidaseâ€inspired strategy for improving antigen cross-presentation via lipid peroxidation. Biomaterials, 2021, 277, 121089.	5.7	17
36	HACE2-Exosome-Based Nano-Bait for Concurrent SARS-CoV-2 Trapping and Antioxidant Therapy. ACS Applied Materials & Interfaces, 2022, 14, 4882-4891.	4.0	17

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37	Remotely boosting hyaluronidase activity to normalize the hypoxic immunosuppressive tumor microenvironment for photothermal immunotherapy. Biomaterials, 2022, 284, 121516.	5.7	17
38	Turning weakness into strength: Albumin nanoparticle-redirected amphotericin B biodistribution for reducing nephrotoxicity and enhancing antifungal activity. Journal of Controlled Release, 2020, 324, 657-668.	4.8	15
39	Ca²⁺-Mediated Surface Polydopamine Engineering to Program Dendritic Cell Maturation. ACS Applied Materials & Interfaces, 2020, 12, 4163-4173.	4.0	13
40	Albumin-Based LL37 Peptide Nanoparticles as a Sustained Release System against Pseudomonas aeruginosa Lung Infection. ACS Biomaterials Science and Engineering, 2021, 7, 1817-1826.	2.6	13
41	Programmable Ce6 Delivery via Cyclopamine Based Tumor Microenvironment Modulating Nano-System for Enhanced Photodynamic Therapy in Breast Cancer. Frontiers in Chemistry, 2019, 7, 853.	1.8	12
42	Effects of spatial distribution of the nuclear localization sequence on gene transfection in catiomerâ€“gene polyplexes. Journal of Materials Chemistry B, 2013, 1, 1712.	2.9	11
43	Microfiber-Reinforced Composite Hydrogels Loaded with Rat Adipose-Derived Stem Cells and BMP-2 for the Treatment of Medication-Related Osteonecrosis of the Jaw in a Rat Model. ACS Biomaterials Science and Engineering, 2019, 5, 2430-2443.	2.6	10
44	A vaccine for photodynamic immunogenic cell death: tumor cell caged by cellular disulfideâ€“thiol exchange for immunotherapy. Biomaterials Science, 2021, 9, 973-984.	2.6	10
45	Nanotechnology-Based Approaches to Promote Lymph Node Targeted Delivery of Cancer Vaccines. ACS Biomaterials Science and Engineering, 2022, 8, 406-423.	2.6	10
46	Catalytic nanovaccine for cancer immunotherapy: A NADPH oxidase-inspired Fe-polyphenol network nanovaccine for enhanced antigen cross-presentation. Chemical Engineering Journal, 2022, 435, 134993.	6.6	10
47	Disulfide-Bridged Cleavable PEGylation of Poly-l-Lysine for SiRNA Delivery. Methods in Molecular Biology, 2016, 1364, 49-61.	0.4	9
48	PCSK9 Hapten Multicopy Displayed onto Carrier Protein Nanoparticle: An Antiatherosclerosis Vaccine. ACS Biomaterials Science and Engineering, 2019, 5, 4263-4271.	2.6	8
49	A highly sensitive living probe derived from nanoparticle-remodeled neutrophils for precision tumor imaging diagnosis. Biomaterials Science, 2019, 7, 5211-5220.	2.6	8
50	A nano-immunotraining strategy to enhance the tumor targeting of neutrophilsvia in vivopathogen-mimicking stimulation. Biomaterials Science, 2019, 7, 5238-5246.	2.6	8
51	Antibiotics armed neutrophils as a potential therapy for brain fungal infection caused by chemotherapy-induced neutropenia. Biomaterials, 2021, 274, 120849.	5.7	8
52	Photosensitizer-Laden Neutrophils Are Controlled Remotely for Cancer Immunotherapy. Cell Reports, 2020, 33, 108499.	2.9	7
53	Single-protein-based theranostic nanosystem within sub-10 nm scale for tumor imaging and therapy. RSC Advances, 2015, 5, 73752-73759.	1.7	6
54	Nanosystem-mediated lactate modulation in the tumor micro environment for enhanced cancer therapy. Nano Research, 2023, 16, 654-671.	5.8	6

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55	Effect of monomer sequence of poly(histidine/lysine) catiomers on gene packing capacity and delivery efficiency. RSC Advances, 2015, 5, 14138-14146.	1.7	5
56	Remodeling of Cellular Surfaces via Fast Disulfideâ€“Thiol Exchange To Regulate Cell Behaviors. ACS Applied Materials & Interfaces, 2019, 11, 47750-47761.	4.0	5
57	Supramolecular, prodrug-based micelles with enzyme-regulated release behavior for controlled drug delivery. MedChemComm, 2015, 6, 1874-1881.	3.5	4
58	Supramolecular polymer micelles self-assembled from Î± -cyclodextrin and PLLAâ€“PCL based copolymers. Journal of Controlled Release, 2011, 152, e52-e54.	4.8	3
59	Self-assembled, dual drug carrying polymer-drug conjugate for co-delivery. Journal of Controlled Release, 2015, 213, e139-e140.	4.8	3
60	Polymeric Nanosystems for Targeted Theranostics. , 2016, , 205-227.		2
61	Selfâ€Albumin Camouflage of Carrier Protein Prevents Nontarget Antibody Production for Enhanced LDLâ€C Immunotherapy. Advanced Healthcare Materials, 2020, 9, 1901203.	3.9	2
62	Degradable and tunable supramolecular polymer micelles for drug delivery. Journal of Controlled Release, 2015, 213, e37-e38.	4.8	1
63	Biomimetic and Materials-Potentiated Cell Engineering for Cancer Immunotherapy. Pharmaceutics, 2022, 14, 734.	2.0	1
64	Gene Therapy: Suppression of VEGF by Reversible-PEGylated Histidylated Polylysine in Cancer Therapy (Adv. Healthcare Mater. 11/2014). Advanced Healthcare Materials, 2014, 3, 1694-1694.	3.9	0
65	Redox-Sensitive Polymeric Nanoparticles for Intracellular Drug Delivery. Frontiers in Nanobiomedical Research, 2015, , 21-48.	0.1	0