Dong

List of Publications by Year
in descending order

51 papers	1,930 citations	201674 27 h-index	254184 43 g-index
52 all docs	52 docs citations	52 times ranked	3018 citing authors

#	Article	IF	Citations
1	A star-shaped porphyrin-arginine functionalized poly(l-lysine) copolymer for photo-enhanced drug and gene co-delivery. Biomaterials, 2014, 35, 4357-4367.	11.4	143
2	Star-shaped cyclodextrin-poly(l-lysine) derivative co-delivering docetaxel and MMP-9 siRNA plasmid in cancer therapy. Biomaterials, 2014, 35, 3865-3872.	11.4	106
3	In situ gelation and sustained release of an antitumor drug by graphene oxide nanosheets. Carbon, 2012, 50, 3001-3007.	10.3	104
4	Bioactive Supramolecular Hydrogel with Controlled Dual Drug Release Characteristics. Biomacromolecules, 2010, 11, 2204-2212.	5.4	101
5	A polyamidoamne dendrimer functionalized graphene oxide for DOX and MMP-9 shRNA plasmid co-delivery. Materials Science and Engineering C, 2017, 70, 572-585.	7.3	91
6	Star-Shaped Amphiphilic Hyperbranched Polyglycerol Conjugated with Dendritic Poly(<scp>l</scp>-lysine) for the Codelivery of Docetaxel and MMP-9 siRNA in Cancer Therapy. ACS Applied Materials & Interfaces, 2016, 8, 12609-12619.	8.0	82
7	Injectable supramolecular hydrogel formed from Î±-cyclodextrin and PEGylated arginine-functionalized poly(l-lysine) dendron for sustained MMP-9 shRNA plasmid delivery. Acta Biomaterialia, 2017, 49, 456-471.	8.3	70
8	Three-dimensional printing of shape memory hydrogels with internal structure for drug delivery. Materials Science and Engineering C, 2018, 84, 44-51.	7.3	69
9	Starâ€Shaped Polymer Consisting of a Porphyrin Core and Poly(<scp>L</scp>â€lysine) Dendron Arms: Synthesis, Drug Delivery, and In Vitro Chemo/Photodynamic Therapy. Macromolecular Rapid Communications, 2013, 34, 548-552.	3.9	65
10	Chitosan-graft-PAMAM loading nitric oxide for efficient antibacterial application. Chemical Engineering Journal, 2018, 347, 923-931.	12.7	64
11	Genipin-crosslinked carboxymethyl chitosan nanogel for lung-targeted delivery of isoniazid and rifampin. Carbohydrate Polymers, 2018, 197, 403-413.	10.2	60
12	Hierarchical Mo2C@MoS2 nanorods as electrochemical sensors for highly sensitive detection of hydrogen peroxide and cancer cells. Sensors and Actuators B: Chemical, 2020, 311, 127863.	7.8	60
13	Anti-GPC3 antibody-modified sorafenib-loaded nanoparticles significantly inhibited HepG2 hepatocellular carcinoma. Drug Delivery, 2018, 25, 1484-1494.	5.7	50
14	Novel supramolecular hydrogel/micelle composite for co-delivery of anticancer drug and growth factor. Soft Matter, 2012, 8, 3665.	2.7	48
15	Folate-targeting redox hyperbranched poly(amido amine)s delivering MMP-9 siRNA for cancer therapy. Journal of Materials Chemistry B, 2016, 4, 547-556.	5.8	48
16	Construction of a High-Efficiency Drug and Gene Co-Delivery System for Cancer Therapy from a pH-Sensitive Supramolecular Inclusion between Oligoethylenimine-graft-Î²-cyclodextrin and Hyperbranched Polyglycerol Derivative. ACS Applied Materials & Interfaces, 2018, 10, 35812-35829.	8.0	48
17	Supramolecular hydrogels co-loaded with camptothecin and doxorubicin for sustainedly synergistic tumor therapy. Journal of Materials Chemistry B, 2015, 3, 2127-2136.	5.8	45
18	Hyaluronic acid-containing ethosomes as a potential carrier for transdermal drug delivery. Colloids and Surfaces B: Biointerfaces, 2018, 172, 323-329.	5.0	45

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19	Tunable supramolecular hydrogel for in situ encapsulation and sustained release of bioactive lysozyme. Journal of Colloid and Interface Science, 2011, 359, 399-406.	9.4	42
20	Double network shape memory hydrogels activated by near-infrared with high mechanical toughness, nontoxicity, and 3D printability. Chemical Engineering Journal, 2019, 356, 934-949.	12.7	40
21	Supramolecular Gelation of a Polymeric Prodrug for Its Encapsulation and Sustained Release. Biomacromolecules, 2011, 12, 3124-3130.	5.4	39
22	Redox poly(ethylene glycol)-b-poly(l-lactide) micelles containing diselenide bonds for effective drug delivery. Journal of Materials Science: Materials in Medicine, 2015, 26, 234.	3.6	32
23	Chitosan-graft-Poly(<scp>l</scp>-lysine) Dendron-Assisted Facile Self-Assembly of Au Nanoclusters for Enhanced X-ray Computer Tomography Imaging and Precise MMP-9 Plasmid shRNA Delivery. Chemistry of Materials, 2019, 31, 3992-4007.	6.7	32
24	Biodegradable Hollow Polydopamine@manganese Dioxide as an Oxygen Self-Supplied Nanoplatform for Boosting Chemo-photodynamic Cancer Therapy. ACS Applied Materials & Interfaces, 2021, 13, 57009-57022.	8.0	31
25	Novel supramolecular gelation route to in situ entrapment and sustained delivery of plasmid DNA. Journal of Colloid and Interface Science, 2011, 364, 566-573.	9.4	30
26	Hyperbranched polyglycerol-modified graphene oxide as an efficient drug carrier with good biocompatibility. Materials Science and Engineering C, 2017, 78, 639-646.	7.3	30
27	Chitosan derivatives co-delivering nitric oxide and methicillin for the effective therapy to the methicillin-resistant S. aureus infection. Carbohydrate Polymers, 2020, 234, 115928.	10.2	30
28	Supramolecular Aggregate as a High-Efficiency Gene Carrier Mediated with Optimized Assembly Structure. ACS Applied Materials & Interfaces, 2016, 8, 29343-29355.	8.0	28
29	Biocompatible hyperbranched polyglycerol modified Î²-cyclodextrin derivatives for docetaxel delivery. Materials Science and Engineering C, 2017, 71, 965-972.	7.3	27
30	Self-sensibilized polymeric prodrug co-delivering MMP-9 shRNA plasmid for combined treatment of tumors. Acta Biomaterialia, 2018, 69, 277-289.	8.3	27
31	Near-infrared light-triggered nitric oxide release combined with low-temperature photothermal therapy for synergetic antibacterial and antifungal. Smart Materials in Medicine, 2021, 2, 302-313.	6.7	23
32	A Colonâ€Targeted Oral Probiotics Delivery System Using an Enzymeâ€Triggered Fuseâ€Like Microcapsule. Advanced Healthcare Materials, 2021, 10, e2001953.	7.6	22
33	Efficient electrochemical biosensing of hydrogen peroxide on bimetallic Mo1-xWxS2 nanoflowers. Journal of Colloid and Interface Science, 2020, 566, 248-256.	9.4	21
34	Photoenhanced Gene Transfection by a Star-Shaped Polymer Consisting of a Porphyrin Core and Poly(<scp>L</scp> -lysine) Dendron Arms. Macromolecular Bioscience, 2013, 13, 1221-1227.	4.1	18
35	Fluorescent carbon dots with a high nitric oxide payload for effective antibacterial activity and bacterial imaging. Biomaterials Science, 2021, 9, 6486-6500.	5.4	17
36	Novel biosensing platform based on self-assembled supramolecular hydrogel. Materials Science and Engineering C, 2013, 33, 2632-2638.	7.3	16

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37	Fabrication of Few-Layered Porous Graphite for Removing Fluorosurfactant from Aqueous Solution. Langmuir, 2018, 34, 15181-15188.	3.5	16
38	Supramolecular Hydrogels Sustained Release Triclosan with Controlled Antibacterial Activity and Limited Cytotoxicity. Science of Advanced Materials, 2013, 5, 1400-1409.	0.7	14
39	A chemotherapeutic self-sensibilized drug carrier delivering paclitaxel for the enhanced chemotherapy to human breast MDA-MB-231 cells. Colloids and Surfaces B: Biointerfaces, 2019, 181, 902-909.	5.0	13
40	A targeted nanocarrier based on polyspermine for the effective delivery of methotrexate in nasopharyngeal carcinoma. Materials Science and Engineering C, 2017, 81, 48-56.	7.3	11
41	UV Cross-Linked Redox-Responsive Hydrogels for Co-Delivery of Hydrophilic and Hydrophobic Drugs. Science of Advanced Materials, 2013, 5, 1307-1315.	0.7	11
42	Alginate hydrogel sphere improves the alkali and heat resistances of isothiazolinones with longâ€term antibacterial activity. Journal of Applied Polymer Science, 2013, 130, 1554-1561.	2.6	9
43	Cross-linked branched polyethylenimine used as a nitric oxide donor for prolonged nitric oxide release. Materials Science and Engineering C, 2017, 81, 492-499.	7.3	9
44	Rituximab (anti-CD20)-modified AZD-2014-encapsulated nanoparticles killing of B lymphoma cells. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1063-1073.	2.8	8
45	Redox-responsive chemosensitive polyspermine delivers ursolic acid targeting to human breast tumor cells: The depletion of intracellular GSH contents arouses chemosensitizing effects. Colloids and Surfaces B: Biointerfaces, 2018, 170, 293-302.	5.0	7
46	Supramolecular hydrogel containing multi-generation poly(L-lysine) dendrons for sustained co-delivery of docetaxel and matrix metallopeptidase-9 short hairpin RNA plasmid. Journal of Bioactive and Compatible Polymers, 2020, 35, 3-23.	2.1	7
47	Host-Guest Interaction-Based Dual response core/shell nanoparticles as efficient siRNA carrier for killing breast cancer cells. Colloids and Surfaces B: Biointerfaces, 2021, 205, 111918.	5.0	7
48	Controllable Nitric Oxideâ€Delivering Platforms for Biomedical Applications. Advanced Therapeutics, 2022, 5, .	3.2	7
49	Î²-Cyclodextrin-graft-poly(amidoamine) dendrons as the nitric oxide deliver system for the chronic rhinosinusitis therapy. Drug Delivery, 2021, 28, 306-318.	5.7	6
50	Glucose-sensitive nanogel for controlled release of insulin and its blood safety. Journal of Controlled Release, 2015, 213, e28.	9.9	1
51	Supramolecular aggregates for high-efficient gene delivery. Journal of Controlled Release, 2017, 259, e171-e172.	9.9	0