

Jian-bin Luo

List of Publications by Year in descending order

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31
papers

913
citations

430874

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#	ARTICLE	IF	CITATIONS
1	Surface-Charge-Switchable and Size-Transformable Thermosensitive Nanocomposites for Chemo-Photothermal Eradication of Bacterial Biofilms <i>in Vitro</i> and <i>in Vivo</i>. ACS Applied Materials & Interfaces, 2022, 14, 8847-8864.	8.0	29
2	Direct Current Stimulation for Improved Osteogenesis of MC3T3 Cells Using Mineralized Conductive Polyaniline. ACS Biomaterials Science and Engineering, 2021, 7, 852-861.	5.2	14
3	Azobenzene-Based Cross-Linked Small-Molecule Vesicles for Precise Oxidative Damage Treatments Featuring Controlled and Prompt Molecular Release. Chemistry of Materials, 2021, 33, 7357-7366.	6.7	12
4	Ciprofloxacin conjugated gold nanorods with pH induced surface charge transformable activities to combat drug resistant bacteria and their biofilms. Materials Science and Engineering C, 2021, 128, 112292.	7.3	23
5	Dandelion flower-like micelles. Chemical Science, 2020, 11, 757-762.	7.4	16
6	Dopamine-assisted one-pot synthesis of gold nanoworms and their application as photothermal agents. Journal of Colloid and Interface Science, 2020, 562, 81-90.	9.4	23
7	Gold nanorods with surface charge-switchable activities for enhanced photothermal killing of bacteria and eradication of biofilm. Journal of Materials Chemistry B, 2020, 8, 3138-3149.	5.8	49
8	Layer-by-Layer Assembled Multilayer Films with Multiple Antibacterial and pH-Induced Self-Cleaning Activities Based on Polyurethane Micelles. ACS Applied Bio Materials, 2019, 2, 4583-4593.	4.6	12
9	Silver nanoparticles with pH induced surface charge switchable properties for antibacterial and antibiofilm applications. Journal of Materials Chemistry B, 2019, 7, 830-840.	5.8	79
10	Synthesis and antifouling activities of fluorinated polyurethanes. Polymer International, 2019, 68, 1361-1366.	3.1	20
11	Stepwise dual pH and redox-responsive cross-linked polypeptide nanoparticles for enhanced cellular uptake and effective cancer therapy. Journal of Materials Chemistry B, 2019, 7, 7129-7140.	5.8	19
12	Surface design and preparation of multi-functional magnetic nanoparticles for cancer cell targeting, therapy, and imaging. RSC Advances, 2018, 8, 35437-35447.	3.6	8
13	Triclosan loaded polyurethane micelles with pH and lipase sensitive properties for antibacterial applications and treatment of biofilms. Materials Science and Engineering C, 2018, 93, 921-930.	7.3	38
14	Universal and biocompatible hydroxyapatite coating induced by phytic acid-metal complex multilayer. Colloids and Surfaces B: Biointerfaces, 2018, 169, 478-485.	5.0	21
15	Reduction responsive and surface charge switchable polyurethane micelles with acid cleavable crosslinks for intracellular drug delivery. RSC Advances, 2018, 8, 17888-17897.	3.6	12
16	Synthesis of polyurethanes with pendant azide groups attached on the soft segments and the surface modification with mPEG by click chemistry for antifouling applications. RSC Advances, 2018, 8, 19642-19650.	3.6	14
17	Reduction/temperature/pH multi-stimuli responsive core cross-linked polypeptide hybrid micelles for triggered and intracellular drug release. Colloids and Surfaces B: Biointerfaces, 2018, 170, 373-381.	5.0	42
18	Role of Mn ²⁺ Doping in the Preparation of Core-Shell Structured Fe ₃ O ₄ @upconversion Nanoparticles and Their Applications in T1/T2-Weighted Magnetic Resonance Imaging, Upconversion Luminescent Imaging and Near-Infrared Activated Photodynamic Therapy. Nanomaterials, 2018, 8, 466.	4.1	14

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19	Silver nanoparticles decorated lipase-sensitive polyurethane micelles for on-demand release of silver nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 238-244.	5.0	44
20	Biodegradable polyurethane micelles with pH and reduction responsive properties for intracellular drug delivery. <i>Materials Science and Engineering C</i> , 2017, 75, 1221-1230.	7.3	53
21	Surface charge switchable and core cross-linked polyurethane micelles as a reduction-triggered drug delivery system for cancer therapy. <i>RSC Advances</i> , 2017, 7, 11021-11029.	3.6	14
22	Redox-Sensitive Core Cross-Linked Polyethylene Glycol-Polypeptide Hybrid Micelles for Anticancer Drug Delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4532-4541.	0.9	8
23	Preparation and antifouling properties of 2-(meth-acryloyloxy)ethyl cholinephosphate based polymers modified surface with different molecular architectures by ATRP. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 87-94.	5.0	23
24	SPIONs/DOX loaded polymer nanoparticles for MRI detection and efficient cell targeting drug delivery. <i>RSC Advances</i> , 2017, 7, 47715-47725.	3.6	18
25	Antibacterial and antifouling properties of a polyurethane surface modified with perfluoroalkyl and silver nanoparticles. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 531-538.	4.0	49
26	Biodegradable pH-sensitive polyurethane micelles with different polyethylene glycol (PEG) locations for anti-cancer drug carrier applications. <i>RSC Advances</i> , 2016, 6, 97684-97693.	3.6	31
27	Size and shape controllable preparation of graphene sponge by freezing, lyophilizing and reducing in container. <i>Science China Technological Sciences</i> , 2016, 59, 709-713.	4.0	4
28	Biodegradable multi-blocked polyurethane micelles for intracellular drug delivery: the effect of disulfide location on the drug release profile. <i>RSC Advances</i> , 2016, 6, 9082-9089.	3.6	35
29	TiO ₂ @graphene sponge for the removal of tetracycline. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	33
30	Facile hydrothermal preparation of recyclable S-doped graphene sponge for Cu ²⁺ adsorption. <i>Journal of Hazardous Materials</i> , 2015, 286, 449-456.	12.4	100
31	Preparation of graphene adsorbents and their applications in water purification. <i>Reviews in Inorganic Chemistry</i> , 2013, 33, 139-160.	4.1	56