

Shaohui Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

832
citations

516710

16
h-index

501196

28
g-index

33
all docs

33
docs citations

33
times ranked

1002
citing authors

#	ARTICLE	IF	CITATIONS
1	Active tumor-therapeutic liposomal bacteriobot combining a drug (paclitaxel)-encapsulated liposome with targeting bacteria (<i>Salmonella Typhimurium</i>). <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 217-224.	7.8	102
2	High-fidelity bioelectronic muscular actuator based on porous carboxylate bacterial cellulose membrane. <i>Sensors and Actuators B: Chemical</i> , 2017, 250, 402-411.	7.8	56
3	Biocompatible Nanomotors as Active Diagnostic Imaging Agents for Enhanced Magnetic Resonance Imaging of Tumor Tissues In Vivo. <i>Advanced Functional Materials</i> , 2021, 31, 2100936.	14.9	54
4	Nanohybrid magnetic liposome functionalized with hyaluronic acid for enhanced cellular uptake and near-infrared-triggered drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 104-114.	5.0	52
5	Dual tumor-targeted multifunctional magnetic hyaluronic acid micelles for enhanced MR imaging and combined photothermal-chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 424-435.	5.0	52
6	Ultralow Voltage High-Performance Bioartificial Muscles Based on Ionically Crosslinked Polypyrrole-Coated Functional Carboxylated Bacterial Cellulose for Soft Robots. <i>Advanced Functional Materials</i> , 2021, 31, 2007749.	14.9	48
7	Gadolinium doped red-emissive carbon dots as targeted theranostic agents for fluorescence and MR imaging guided cancer phototherapy. <i>Chemical Engineering Journal</i> , 2022, 440, 135965.	12.7	41
8	Preparation of gadolinium doped carbon dots for enhanced MR imaging and cell fluorescence labeling. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 207-213.	2.1	39
9	The Cost-Effective Preparation of Green Fluorescent Carbon Dots for Bioimaging and Enhanced Intracellular Drug Delivery. <i>Nanoscale Research Letters</i> , 2020, 15, 55.	5.7	39
10	Preparation of HIFU-triggered tumor-targeted hyaluronic acid micelles for controlled drug release and enhanced cellular uptake. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 27-36.	5.0	38
11	Feasibility study of dual-targeting paclitaxel-loaded magnetic liposomes using electromagnetic actuation and macrophages. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 1226-1236.	7.8	35
12	Preparation of AS1411 Aptamer Modified Mn-MoS ₂ QDs for Targeted MR Imaging and Fluorescence Labelling of Renal Cell Carcinoma. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9513-9524.	6.7	34
13	Preparation of Engineered <i>Salmonella Typhimurium</i> -Driven Hyaluronic Acid-Based Microbeads with Both Chemotactic and Biological Targeting Towards Breast Cancer Cells for Enhanced Anticancer Therapy. <i>Advanced Healthcare Materials</i> , 2016, 5, 288-295.	7.6	31
14	Graphene quantum dots-decorated hollow copper sulfide nanoparticles for controlled intracellular drug release and enhanced photothermal-chemotherapy. <i>Journal of Materials Science</i> , 2020, 55, 1184-1197.	3.7	29
15	Bottom-up-preparation of MoS ₂ quantum dots for tumor imaging and their in vivo behavior study. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 1090-1096.	2.1	27
16	Preparation of tumor targeting cell-based microrobots carrying NIR light sensitive therapeutics manipulated by electromagnetic actuating system and Chemotaxis. <i>Journal of Micro-Bio Robotics</i> , 2018, 14, 69-77.	2.1	18
17	Tumor microenvironment/NIR-responsive carbon monoxide delivery with hollow mesoporous CuS nanoparticles for MR imaging guided synergistic therapy. <i>Materials and Design</i> , 2021, 205, 109731.	7.0	15
18	Combined photothermal-chemotherapy of breast cancer by near infrared light responsive hyaluronic acid-decorated nanostructured lipid carriers. <i>Nanotechnology</i> , 2017, 28, 435102.	2.6	14

#	ARTICLE	IF	CITATIONS
19	Preparation of doxorubicin-loaded porous iron Oxide@ polydopamine nanocomposites for MR imaging and synergistic photothermal chemotherapy of cancer. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112107.	5.0	14
20	Modeling of chemotactic steering of bacteria-based microrobot using a population-scale approach. Biomicrofluidics, 2015, 9, 054116.	2.4	13
21	Activatable MRI-monitoring gene delivery for the theranostic of renal carcinoma. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110625.	5.0	12
22	Biocompatible Mesoporous Silica@Polydopamine Nanocomplexes as MR/Fluorescence Imaging Agent for Light-Activated Photothermal Photodynamic Cancer Therapy In Vivo. Frontiers in Bioengineering and Biotechnology, 2021, 9, 752982.	4.1	12
23	Tumor Targeted Multifunctional Magnetic Nanobubbles for MR/US Dual Imaging and Focused Ultrasound Triggered Drug Delivery. Frontiers in Bioengineering and Biotechnology, 2020, 8, 586874.	4.1	11
24	Near-infrared laser-induced phase-shifted nanoparticles for US/MRI-guided therapy for breast cancer. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111278.	5.0	11
25	Enzyme-powered nanomotors with enhanced cell uptake and lysosomal escape for combined therapy of cancer. Applied Materials Today, 2022, 27, 101445.	4.3	11
26	Development of FL/MR dual-modal Au nanobipyramids for targeted cancer imaging and photothermal therapy. Materials Science and Engineering C, 2021, 127, 112190.	7.3	10
27	Tumor-targeted Gd-doped mesoporous Fe ₃ O ₄ nanoparticles for T ₁ /T ₂ MR imaging guided synergistic cancer therapy. Drug Delivery, 2021, 28, 787-799.	5.7	9
28	Manipulation of tumor targeting cell-based microrobots carrying NIR light sensitive therapeutics using EMA system and chemotaxis. , 2017, , .		2
29	Development and implementation of analysis program for Peritrichous bacteria-based nanorobot (bacteriobot). , 2014, , .		1
30	Effect of Chitosan on Motility of Bacteria-Driven Liposomal Microrobots. , 2016, , .		1
31	Development of hyaluronic acid microcargo for therapeutic bacteriobots. , 2017, , .		0
32	Preparation of Carbon Dots for Effective Fluorescence Imaging of Ovarian Cancer Cells and In Vivo Brain Imaging. Nano, 2020, 15, 2050158.	1.0	0