Shaohui Zheng

List of Publications by Year
in descending order

32	832	516710	501196
papers	citations	16	28
		h-index	g-index

33	33	33	1002
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enzyme-powered nanomotors with enhanced cell uptake and lysosomal escape for combined therapy of cancer. Applied Materials Today, 2022, 27, 101445.	4.3	11
2	Gadolinium doped red-emissive carbon dots as targeted theranostic agents for fluorescence and MR imaging guided cancer phototherapy. Chemical Engineering Journal, 2022, 440, 135965.	12.7	41
3	Ultralow Voltage High‐Performance Bioartificial Muscles Based on Ionically Crosslinked Polypyrrole‐Coated Functional Carboxylated Bacterial Cellulose for Soft Robots. Advanced Functional Materials, 2021, 31, 2007749.	14.9	48
4	Biocompatible Nanomotors as Active Diagnostic Imaging Agents for Enhanced Magnetic Resonance Imaging of Tumor Tissues In Vivo. Advanced Functional Materials, 2021, 31, 2100936.	14.9	54
5	Tumor microenvironment/NIR-responsive carbon monoxide delivery with hollow mesoporous CuS nanoparticles for MR imaging guided synergistic therapy. Materials and Design, 2021, 205, 109731.	7.0	15
6	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
7	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
8	Tumor-targeted Gd-doped mesoporous Fe_3O_4 nanoparticles for T_1/T_2 MR imaging guided synergistic cancer therapy. Drug Delivery, 2021, 28, 787-799.	5.7	9
9	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
10	Graphene quantum dots-decorated hollow copper sulfide nanoparticles for controlled intracellular drug release and enhanced photothermal-chemotherapy. Journal of Materials Science, 2020, 55, 1184-1197.	3.7	29
11	Activatable MRI-monitoring gene delivery for the theranostic of renal carcinoma. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110625.	5.0	12
12	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
13	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
14	The Cost-Effective Preparation of Green Fluorescent Carbon Dots for Bioimaging and Enhanced Intracellular Drug Delivery. Nanoscale Research Letters, 2020, 15, 55.	5.7	39
15	Preparation of Carbon Dots for Effective Fluorescence Imaging of Ovarian Cancer Cells and *In Vivo* Brain Imaging. Nano, 2020, 15, 2050158.	1.0	0
16	"Bottom-up" preparation of MoS2 quantum dots for tumor imaging and their in vivo behavior study. Biochemical and Biophysical Research Communications, 2019, 516, 1090-1096.	2.1	27
17	Preparation of gadolinium doped carbon dots for enhanced MR imaging and cell fluorescence labeling. Biochemical and Biophysical Research Communications, 2019, 511, 207-213.	2.1	39
18	Preparation of AS1411 Aptamer Modified Mn-MoS_2 QDs for Targeted MR Imaging and Fluorescence Labelling of Renal Cell Carcinoma. International Journal of Nanomedicine, 2019, Volume 14, 9513-9524.	6.7	34

#	Article	IF	Citations
19	Dual tumor-targeted multifunctional magnetic hyaluronic acid micelles for enhanced MR imaging and combined photothermal-chemotherapy. Colloids and Surfaces B: Biointerfaces, 2018, 164, 424-435.	5.0	52
20	Preparation of tumor targeting cell-based microrobots carrying NIR light sensitive therapeutics manipulated by electromagnetic actuating system and Chemotaxis. Journal of Micro-Bio Robotics, 2018, 14, 69-77.	2.1	18
21	High-fidelity bioelectronic muscular actuator based on porous carboxylate bacterial cellulose membrane. Sensors and Actuators B: Chemical, 2017, 250, 402-411.	7.8	56
22	Nanohybrid magnetic liposome functionalized with hyaluronic acid for enhanced cellular uptake and near-infrared-triggered drug release. Colloids and Surfaces B: Biointerfaces, 2017, 154, 104-114.	5.0	52
23	Combined photothermal-chemotherapy of breast cancer by near infrared light responsive hyaluronic acid-decorated nanostructured lipid carriers. Nanotechnology, 2017, 28, 435102.	2.6	14
24	Feasibility study of dual-targeting paclitaxel-loaded magnetic liposomes using electromagnetic actuation and macrophages. Sensors and Actuators B: Chemical, 2017, 240, 1226-1236.	7.8	35
25	Manipulation of tumor targeting cell-based microrobots carrying NIR light sensitive therapeutics using EMA system and chemotaxis. , 2017, , .		2
26	Development of hyaluronic acid microcargo for therapeutic bacteriobots. , 2017, , .		0
27	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. Advanced Healthcare Materials, 2016, 5, 288-295.	7.6	31
28	Effect of Chitosan on Motility of Bacteria-Driven Liposomal Microrobots. , 2016, , .		1
29	Preparation of HIFU-triggered tumor-targeted hyaluronic acid micelles for controlled drug release and enhanced cellular uptake. Colloids and Surfaces B: Biointerfaces, 2016, 143, 27-36.	5.0	38
30	Active tumor-therapeutic liposomal bacteriobot combining a drug (paclitaxel)-encapsulated liposome with targeting bacteria (Salmonella Typhimurium). Sensors and Actuators B: Chemical, 2016, 224, 217-224.	7.8	102
31	Modeling of chemotactic steering of bacteria-based microrobot using a population-scale approach. Biomicrofluidics, 2015, 9, 054116.	2.4	13
32	Development and implementation of analysis program for Peritrichous bacteria-based nanorobot (bacteriobot). , 2014, , .		1