

Van Du Nguyen

List of Publications by Year in descending order

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papers

862
citations

471061

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1040
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetically controlled reversible shape-morphing microrobots with real-time X-ray imaging for stomach cancer applications. <i>Journal of Materials Chemistry B</i> , 2022, 10, 4509-4518.	2.9	18
2	Shape-Tunable UV-Printed Solid Drugs for Personalized Medicine. <i>Polymers</i> , 2022, 14, 2714.	2.0	2
3	Holographic Acoustic Tweezers for 5-DoF Manipulation of Nanocarrier Clusters toward Targeted Drug Delivery. <i>Pharmaceutics</i> , 2022, 14, 1490.	2.0	9
4	Primary Macrophage-Based Microrobots: An Effective Tumor Therapy <i>In Vivo</i> by Dual-Targeting Function and Near-Infrared-Triggered Drug Release. <i>ACS Nano</i> , 2021, 15, 8492-8506.	7.3	44
5	Self-folded microrobot for active drug delivery and rapid ultrasound-triggered drug release. <i>Sensors and Actuators B: Chemical</i> , 2020, 324, 128752.	4.0	41
6	Macrophage-Mediated Delivery of Multifunctional Nanotherapeutics for Synergistic Chemo-Photothermal Therapy of Solid Tumors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10130-10141.	4.0	50
7	A Robotic Biopsy Endoscope with Magnetic 5-DOF Locomotion and a Retractable Biopsy Punch. <i>Micromachines</i> , 2020, 11, 98.	1.4	31
8	Folate receptor-targeted liposomal nanocomplex for effective synergistic photothermal-chemotherapy of breast cancer in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 539-548.	2.5	68
9	A Novel Biopsy Capsule Endoscope for Wireless Intestinal Tissue Collection. , 2018, , .		3
10	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
11	A Novel Macrophage-Based Microrobot Bearing Multiple Smart Nanotherapeutics for Targeting and Drug Delivery to Solid Tumors. , 2018, , .		4
12	A Thermo-electromagnetically Actuated Microrobot for the Targeted Transport of Therapeutic Agents. <i>International Journal of Control, Automation and Systems</i> , 2018, 16, 1341-1354.	1.6	71
13	Miniaturized biopsy module using gripper tool for active locomotive capsule endoscope. <i>Mechatronics</i> , 2017, 44, 52-59.	2.0	33
14	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.	2.5	52
15	Folate-receptor-targeted NIR-sensitive polydopamine nanoparticles for chemo-photothermal cancer therapy. <i>Nanotechnology</i> , 2017, 28, 425101.	1.3	26
16	Combined photothermal-chemotherapy of breast cancer by near infrared light responsive hyaluronic acid-decorated nanostructured lipid carriers. <i>Nanotechnology</i> , 2017, 28, 435102.	1.3	14
17	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.	4.0	35
18	Non-invasive active capsule endoscope integrated targeting biopsy function based on electro-magnetic actuation system. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Manipulation of tumor targeting cell-based microrobots carrying NIR light sensitive therapeutics using EMA system and chemotaxis. , 2017, , .		2
20	Development of hyaluronic acid microcargo for therapeutic bacteriobots. , 2017, , .		0
21	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.	3.9	31
22	Effect of Chitosan on Motility of Bacteria-Driven Liposomal Microrobots. , 2016, , .		1
23	Motility steering of bacteriobots using chemical gradient microchannel. , 2016, , .		3
24	Novel active locomotive capsule endoscope with micro-hydraulic pump for drug delivery function. , 2016, , .		2
25	Hybrid-Actuating Macrophage-Based Microrobots for Active Cancer Therapy. <i>Scientific Reports</i> , 2016, 6, 28717.	1.6	88
26	Electromagnetic field intensity triggered micro-biopsy device for active locomotive capsule endoscope. <i>Mechatronics</i> , 2016, 36, 112-118.	2.0	26
27	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.	2.5	38
28	A soft-magnet-based drug-delivery module for active locomotive intestinal capsule endoscopy using an electromagnetic actuation system. <i>Sensors and Actuators A: Physical</i> , 2016, 243, 81-89.	2.0	49
29	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.	4.0	102