

Sunghoon Cho

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

736
citations

759233

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h-index

1125743

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g-index

20
all docs

20
docs citations

20
times ranked

902
citing authors

#	ARTICLE	IF	CITATIONS
1	New paradigm for tumor theranostic methodology using bacteria-based microrobot. Scientific Reports, 2013, 3, 3394.	3.3	189
2	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
3	Development of bacteria-based microrobot using biocompatible poly(ethylene glycol). Biomedical Microdevices, 2012, 14, 1019-1025.	2.8	66
4	Motility analysis of bacteria-based microrobot (bacteriobot) using chemical gradient microchamber. Biotechnology and Bioengineering, 2014, 111, 134-143.	3.3	64
5	A hybrid actuated microrobot using an electromagnetic field and flagellated bacteria for tumor-targeting therapy. Biotechnology and Bioengineering, 2015, 112, 1623-1631.	3.3	62
6	High-fidelity bioelectronic muscular actuator based on porous carboxylate bacterial cellulose membrane. Sensors and Actuators B: Chemical, 2017, 250, 402-411.	7.8	56
7	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
8	Effect of chitosan coating on a bacteria-based alginate microrobot. Biotechnology and Bioengineering, 2015, 112, 769-776.	3.3	33
9	Activated dendritic cells delivered in tissue compatible biomatrices induce <i>in-situ</i> anti-tumor CTL responses leading to tumor regression. Oncotarget, 2016, 7, 39894-39906.	1.8	32
10	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
11	Folate-receptor-targeted NIR-sensitive polydopamine nanoparticles for chemo-photothermal cancer therapy. Nanotechnology, 2017, 28, 425101.	2.6	26
12	Monocyte-based microrobot with chemotactic motility for tumor theragnosis. Biotechnology and Bioengineering, 2014, 111, 2132-2138.	3.3	15
13	Modeling of chemotactic steering of bacteria-based microrobot using a population-scale approach. Biomicrofluidics, 2015, 9, 054116.	2.4	13
14	Motility steering of bacteriobots using chemical gradient microchannel. , 2016, , .		3
15	Development of bacteria-actuated microrobots using the surface modification of microstructures. , 2014, , .		2
16	Development and implementation of analysis program for Peritrichous bacteria-based nanorobot (bacteriobot). , 2014, , .		1
17	Ecofriendly electroactive polymer actuator using highly porous carboxylated bacterial cellulose. , 2017, , .		1
18	Development of direct patterning and visualization system for fabrication of hydrogel microstructure. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Bioinspired Ionic Soft Actuator Based on Core-Shell-Structured Bacterial Cellulose Membrane. , 2018, , .		1
20	Development of hyaluronic acid microcargo for therapeutic bacteriobots. , 2017, , .		0