

Nihal Olcay Dogan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8598947/publications.pdf>

Version: 2024-02-01

9
papers

325
citations

1163117
8
h-index

1588992
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all docs

9
docs citations

9
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetically steerable bacterial microrobots moving in 3D biological matrices for stimuli-responsive cargo delivery. <i>Science Advances</i> , 2022, 8, .	10.3	80
2	High-Yield Production of Biohybrid Microalgae for On-Demand Cargo Delivery. <i>Advanced Science</i> , 2020, 7, 2001256.	11.2	75
3	3D printed personalized magnetic micromachines from patient blood-derived biomaterials. <i>Science Advances</i> , 2021, 7, eabh0273.	10.3	51
4	Deep Insight into PEGylation of Bioadhesive Chitosan Nanoparticles: Sensitivity Study for the Key Parameters Through Artificial Neural Network Model. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33945-33955.	8.0	50
5	High-Performance Magnetic FePt (L1 ₀) Surface Microrollers Towards Medical Imaging-Guided Endovascular Delivery Applications. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	35
6	A novel method for PEGylation of chitosan nanoparticles through photopolymerization. <i>RSC Advances</i> , 2019, 9, 14011-14015.	3.6	13
7	Parameters Influencing Gene Delivery Efficiency of PEGylated Chitosan Nanoparticles: Experimental and Modeling Approach. <i>Advanced NanoBiomed Research</i> , 2022, 2, 2100033.	3.6	12
8	Optimization of a Gelatin-Potassium Phosphate Aqueous Two-Phase System for the Preparation of Hydrogel Microspheres. <i>Jom</i> , 2019, 71, 1264-1270.	1.9	9
9	High-Performance Magnetic FePt (L1 ₀) Surface Microrollers Towards Medical Imaging-Guided Endovascular Delivery Applications (Adv. Funct. Mater. 8/2022). <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	0