Pelin Erkoc

List of Publications by Year
in descending order

22	1,154	623734 14	713466 21
papers	citations	h-index	g-index

22	22	22	1475
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multifunctional surface microrollers for targeted cargo delivery in physiological blood flow. Science Robotics, 2020, 5, .	17.6	234
2	Mobile Microrobots for Active Therapeutic Delivery. Advanced Therapeutics, 2019, 2, 1800064.	3.2	158
3	Microalgaâ€Powered Microswimmers toward Active Cargo Delivery. Advanced Materials, 2018, 30, e1804130.	21.0	151
4	Microrobotics and Microorganisms: Biohybrid Autonomous Cellular Robots. Annual Review of Control, Robotics, and Autonomous Systems, 2019, 2, 205-230.	11.8	135
5	Nanogel-Integrated pH-Responsive Composite Hydrogels for Controlled Drug Delivery. ACS Biomaterials Science and Engineering, 2017, 3, 370-380.	5.2	78
6	Nanotechnology-Based Antimicrobial and Antiviral Surface Coating Strategies. Prosthesis, 2021, 3, 25-52.	2.9	78
7	3D Printing of Cytocompatible Gelatinâ€Celluloseâ€Alginate Blend Hydrogels. Macromolecular Bioscience, 2020, 20, e2000106.	4.1	48
8	Targeting cancer cells via tumor-homing peptide CREKA functional PEG nanoparticles. Colloids and Surfaces B: Biointerfaces, 2016, 147, 191-200.	5.0	45
9	Gelatin Methacryloyl Hydrogels in the Absence of a Crosslinker as 3D Glioblastoma Multiforme (GBM)â€Mimetic Microenvironment. Macromolecular Bioscience, 2018, 18, 1700369.	4.1	43
10	Incorporation of Terbium into a Microalga Leads to Magnetotactic Swimmers. Advanced Biology, 2018, 2, 1800039.	3.0	39
11	Electrochemical impedance spectroscopic study of single-stranded DNA-immobilized electroactive polypyrrole-coated electrospun poly(<I>Îµ</I>-caprolactone) nanofibers. Materials Express, 2015, 5, 269-279.	0.5	33
12	Quinacrine Mediated Sensitization of Glioblastoma (GBM) Cells to TRAIL through MMP-Sensitive PEG Hydrogel Carriers. Macromolecular Bioscience, 2017, 17, 1600267.	4.1	28
13	Flexural wave-based soft attractor walls for trapping microparticles and cells. Lab on A Chip, 2021, 21, 582-596.	6.0	19
14	Photocurable pentaerythritol triacrylate/lithium phenylâ€2,4,6â€trimethylbenzoylphosphinateâ€based ink for extrusionâ€based 3D printing of magnetoâ€responsive materials. Journal of Applied Polymer Science, 2020, 137, 49043.	2.6	16
15	Parameters Influencing Gene Delivery Efficiency of PEGylated Chitosan Nanoparticles: Experimental and Modeling Approach. Advanced NanoBiomed Research, 2022, 2, 2100033.	3.6	12
16	Lecanoric acid mediates anti-proliferative effects by an M phase arrest in colon cancer cells. Biomedicine and Pharmacotherapy, 2022, 148, 112734.	5.6	11
17	Optimization of a Gelatinâ€“Potassium Phosphate Aqueous Two-Phase System for the Preparation of Hydrogel Microspheres. Jom, 2019, 71, 1264-1270.	1.9	9
18	Biosensingâ€“Drug Delivery Systems for In Vivo Applications. , 2019, , 249-262.		7

#	Article	IF	Citations
19	Synthesis of magneto-responsive microswimmers for biomedical applications. AIP Advances, 2021, 11, .	1.3	4
20	Sodium Borohydride and Essential Oils as Reducing Agents for the Chemically and Green Synthesis of Silver Nanoparticles: A Comparative Analysis. Journal of the Turkish Chemical Society, Section A: Chemistry, 2021, 8, 1-8.	1.1	3
21	Xenocoumacin 2 reduces protein biosynthesis and inhibits inflammatory and angiogenesis-related processes in endothelial cells. Biomedicine and Pharmacotherapy, 2021, 140, 111765.	5.6	2
22	Macromol. Biosci. 2/2017. Macromolecular Bioscience, 2017, 17, .	4.1	1