

Oncay Yasa

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,896
citations

361296

20
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526166

27
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28
all docs

28
docs citations

28
times ranked

2772
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineered Magnetic Nanocomposites to Modulate Cellular Function. <i>Small</i> , 2022, 18, e2104079.	5.2	16
2	Microfluidic Tissue Engineering and Bioactuation. <i>Advanced Materials</i> , 2022, 34, e2108427.	11.1	28
3	Magnetically steerable bacterial microrobots moving in 3D biological matrices for stimuli-responsive cargo delivery. <i>Science Advances</i> , 2022, 8, .	4.7	80
4	Magnetic Resonance Imaging-Compatible Optically Powered Miniature Wireless Modular Lorentz Force Actuators. <i>Advanced Science</i> , 2021, 8, 2002948.	5.6	18
5	Zwitterionic 3D-Printed Non-immunogenic Stealth Microrobots. <i>Advanced Materials</i> , 2020, 32, e2003013.	11.1	95
6	Acoustically powered surface-slipping mobile microrobots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3469-3477.	3.3	188
7	Mechanical Coupling of Puller and Pusher Active Microswimmers Influences Motility. <i>Langmuir</i> , 2020, 36, 5435-5443.	1.6	28
8	Nanoerythrocyte-functionalized biohybrid microswimmers. <i>APL Bioengineering</i> , 2020, 4, 026103.	3.3	32
9	Temperature Gradients Drive Bulk Flow Within Microchannel Lined by Fluid-Fluid Interfaces. <i>Small</i> , 2019, 15, e1900472.	5.2	17
10	3D-Printed Microrobotic Transporters with Recapitulated Stem Cell Niche for Programmable and Active Cell Delivery. <i>Advanced Functional Materials</i> , 2019, 29, 1808992.	7.8	107
11	3D-Printed Biodegradable Microswimmer for Theranostic Cargo Delivery and Release. <i>ACS Nano</i> , 2019, 13, 3353-3362.	7.3	334
12	Microrobotics and Microorganisms: Biohybrid Autonomous Cellular Robots. <i>Annual Review of Control, Robotics, and Autonomous Systems</i> , 2019, 2, 205-230.	7.5	135
13	Mobile Microrobots for Active Therapeutic Delivery. <i>Advanced Therapeutics</i> , 2019, 2, 1800064.	1.6	158
14	Soft erythrocyte-based bacterial microswimmers for cargo delivery. <i>Science Robotics</i> , 2018, 3, .	9.9	280
15	Microalga-Powered Microswimmers toward Active Cargo Delivery. <i>Advanced Materials</i> , 2018, 30, e1804130.	11.1	151
16	Light-Triggered Drug Release from 3D-Printed Magnetic Chitosan Microswimmers. <i>ACS Nano</i> , 2018, 12, 9617-9625.	7.3	280
17	Bacteriabots: Bioadhesive Bacterial Microswimmers for Targeted Drug Delivery in the Urinary and Gastrointestinal Tracts (<i>Adv. Sci.</i> 6/2017). <i>Advanced Science</i> , 2017, 4, .	5.6	1
18	Bioadhesive Bacterial Microswimmers for Targeted Drug Delivery in the Urinary and Gastrointestinal Tracts. <i>Advanced Science</i> , 2017, 4, 1700058.	5.6	82

#	ARTICLE	IF	CITATIONS
19	Presentation of functional groups on self-assembled supramolecular peptide nanofibers mimicking glycosaminoglycans for directed mesenchymal stem cell differentiation. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4890-4900.	2.9	14
20	Microemulsion-Based Soft Bacteria-Driven Microswimmers for Active Cargo Delivery. <i>ACS Nano</i> , 2017, 11, 9759-9769.	7.3	157
21	Multifunctional Bacteria-Driven Microswimmers for Targeted Active Drug Delivery. <i>ACS Nano</i> , 2017, 11, 8910-8923.	7.3	258
22	Bioengineered and biohybrid bacteria-based systems for drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2016, 106, 27-44.	6.6	262
23	Improving pancreatic islet in vitro functionality and transplantation efficiency by using heparin mimetic peptide nanofiber gels. <i>Acta Biomaterialia</i> , 2015, 22, 8-18.	4.1	35
24	Novel one-step synthesis of silica nanoparticles from sugarbeet bagasse by laser ablation and their effects on the growth of freshwater algae culture. <i>Particuology</i> , 2014, 17, 29-35.	2.0	67
25	Screening and selection of novel animal probiotics isolated from bovine chyme. <i>Annals of Microbiology</i> , 2013, 63, 1291-1300.	1.1	9
26	Efficient ammonium removal from aquatic environments by <i>Acinetobacter calcoaceticus</i> STB1 immobilized on an electrospun cellulose acetate nanofibrous web. <i>Green Chemistry</i> , 2013, 15, 2566.	4.6	48