

# Hakan Ceylan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5233351/publications.pdf>

Version: 2024-02-01

29  
papers

3,230  
citations

236925

25  
h-index

501196

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3589  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mattertronics for programmable manipulation and multiplex storage of pseudo-diamagnetic holes and label-free cells. <i>Nature Communications</i> , 2021, 12, 3024.	12.8	19
2	Magnetic soft micromachines made of linked microactuator networks. <i>Science Advances</i> , 2021, 7, .	10.3	57
3	3D printed personalized magnetic micromachines from patient blood-derived biomaterials. <i>Science Advances</i> , 2021, 7, eabh0273.	10.3	51
4	3D-Printed Multi-Stimuli-Responsive Mobile Micromachines. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 12759-12766.	8.0	64
5	Biodegradable Untethered Magnetic Hydrogel Milli-Grippers. <i>Advanced Functional Materials</i> , 2020, 30, 2004975.	14.9	115
6	Elucidating the interaction dynamics between microswimmer body and immune system for medical microrobots. <i>Science Robotics</i> , 2020, 5, .	17.6	108
7	High-Yield Production of Biohybrid Microalgae for On-Demand Cargo Delivery. <i>Advanced Science</i> , 2020, 7, 2001256.	11.2	75
8	Translational prospects of untethered medical microrobots. <i>Progress in Biomedical Engineering</i> , 2019, 1, 012002.	4.9	120
9	3D-Printed Microrobotic Transporters with Recapitulated Stem Cell Niche for Programmable and Active Cell Delivery. <i>Advanced Functional Materials</i> , 2019, 29, 1808992.	14.9	107
10	3D-Printed Biodegradable Microswimmer for Theranostic Cargo Delivery and Release. <i>ACS Nano</i> , 2019, 13, 3353-3362.	14.6	334
11	Mobile Microrobots for Active Therapeutic Delivery. <i>Advanced Therapeutics</i> , 2019, 2, 1800064.	3.2	158
12	Pozzolanic effect of andesite waste powder on mechanical properties of high strength concrete. <i>Construction and Building Materials</i> , 2018, 165, 494-503.	7.2	34
13	Self-Folded Hydrogel Tubes for Implantable Muscular Tissue Scaffolds. <i>Macromolecular Bioscience</i> , 2018, 18, e1700377.	4.1	57
14	Light-Triggered Drug Release from 3D-Printed Magnetic Chitosan Microswimmers. <i>ACS Nano</i> , 2018, 12, 9617-9625.	14.6	280
15	3D Nanoprinted Plastic Kinoform X-Ray Optics. <i>Advanced Materials</i> , 2018, 30, e1802503.	21.0	26
16	New Concepts for 3D Optics in X-ray Microscopy. <i>Microscopy and Microanalysis</i> , 2018, 24, 288-289.	0.4	0
17	Intracellular Accumulation of Gold Nanoparticles Leads to Inhibition of Macropinocytosis to Reduce the Endoplasmic Reticulum Stress. <i>Scientific Reports</i> , 2017, 7, 40493.	3.3	75
18	Mobile microrobots for bioengineering applications. <i>Lab on A Chip</i> , 2017, 17, 1705-1724.	6.0	294

#	ARTICLE	IF	CITATIONS
19	3D Chemical Patterning of Micromaterials for Encoded Functionality. <i>Advanced Materials</i> , 2017, 29, 1605072.	21.0	76
20	Multi-Domain Short Peptide Molecules for in Situ Synthesis and Biofunctionalization of Gold Nanoparticles for Integrin-Targeted Cell Uptake. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 10677-10683.	8.0	24
21	Biomedical Applications of Untethered Mobile Milli/Microrobots. <i>Proceedings of the IEEE</i> , 2015, 103, 205-224.	21.3	656
22	Bone-Like Mineral Nucleating Peptide Nanofibers Induce Differentiation of Human Mesenchymal Stem Cells into Mature Osteoblasts. <i>Biomacromolecules</i> , 2014, 15, 2407-2418.	5.4	44
23	Glycosaminoglycan mimetic peptide nanofibers promote mineralization by osteogenic cells. <i>Acta Biomaterialia</i> , 2013, 9, 9075-9085.	8.3	48
24	Mussel Inspired Dynamic Cross-Linking of Self-Healing Peptide Nanofiber Network. <i>Advanced Functional Materials</i> , 2013, 23, 2081-2090.	14.9	123
25	Size-controlled conformal nanofabrication of biotemplated three-dimensional TiO <sub>2</sub> and ZnO nanonetworks. <i>Scientific Reports</i> , 2013, 3, 2306.	3.3	37
26	Supramolecular Polymers: Mussel Inspired Dynamic Cross-Linking of Self-Healing Peptide Nanofiber Network ( <i>Adv. Funct. Mater.</i> 16/2013). <i>Advanced Functional Materials</i> , 2013, 23, 2100-2100.	14.9	2
27	Surface-adhesive and osteogenic self-assembled peptide nanofibers for bioinspired functionalization of titanium surfaces. <i>Soft Matter</i> , 2012, 8, 3929.	2.7	42
28	Amyloid Inspired Self-Assembled Peptide Nanofibers. <i>Biomacromolecules</i> , 2012, 13, 3377-3387.	5.4	46
29	Selective adhesion and growth of vascular endothelial cells on bioactive peptide nanofiber functionalized stainless steel surface. <i>Biomaterials</i> , 2011, 32, 8797-8805.	11.4	146