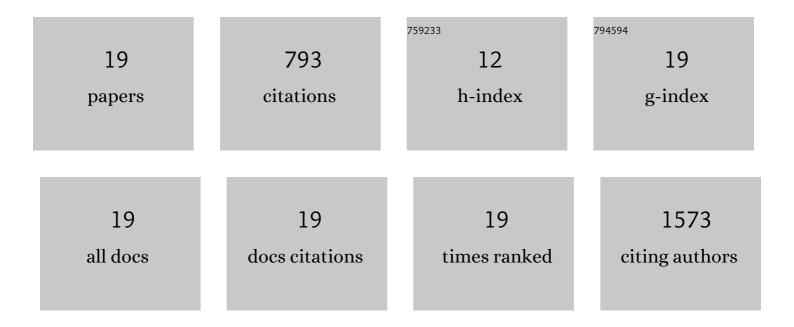
## Berna Ozkale Edelmann

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Actuated 3D microgels for single cell mechanobiology. Lab on A Chip, 2022, 22, 1962-1970.	6.0	7
2	Active biomaterials for mechanobiology. Biomaterials, 2021, 267, 120497.	11.4	60
3	Programmable microencapsulation for enhanced mesenchymal stem cell persistence and immunomodulation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15392-15397.	7.1	124
4	Modular soft robotic microdevices for dexterous biomanipulation. Lab on A Chip, 2019, 19, 778-788.	6.0	27
5	Magnetostriction in electroplated CoFe alloys. Electrochemistry Communications, 2017, 76, 15-19.	4.7	13
6	Magnetoelectrics: Hybrid Magnetoelectric Nanowires for Nanorobotic Applications: Fabrication, Magnetoelectric Coupling, and Magnetically Assisted In Vitro Targeted Drug Delivery (Adv. Mater.) Tj ETQq0 0 0	rg <b>B11./</b> Ove	rlo <b>e</b> k 10 Tf 50
7	Hybrid Magnetoelectric Nanowires for Nanorobotic Applications: Fabrication, Magnetoelectric Coupling, and Magnetically Assisted In Vitro Targeted Drug Delivery. Advanced Materials, 2017, 29, 1605458.	21.0	193
8	Robotically controlled microprey to resolve initial attack modes preceding phagocytosis. Science Robotics, 2017, 2, .	17.6	49
9	Single step electrosynthesis of NiMnGa alloys. Electrochimica Acta, 2016, 204, 199-205.	5.2	3
10	Effect of Surface Modifications of Ti40Zr10Cu38Pd12 Bulk Metallic Glass and Ti-6Al-4V Alloy on Human Osteoblasts In Vitro Biocompatibility. PLoS ONE, 2016, 11, e0156644.	2.5	19
11	Multisegmented FeCo/Cu Nanowires: Electrosynthesis, Characterization, and Magnetic Control of Biomolecule Desorption. ACS Applied Materials & Interfaces, 2015, 7, 7389-7396.	8.0	54
12	Silicon-supported aluminum oxide membranes with ultrahigh aspect ratio nanopores. RSC Advances, 2015, 5, 94283-94289.	3.6	9
13	Microrobots: a new era in ocular drug delivery. Expert Opinion on Drug Delivery, 2014, 11, 1815-1826.	5.0	54
14	Lithography: Hybrid Helical Magnetic Microrobots Obtained by 3D Template-Assisted Electrodeposition (Small 7/2014). Small, 2014, 10, 1234-1234.	10.0	3
15	Hybrid Helical Magnetic Microrobots Obtained by 3D Templateâ€Assisted Electrodeposition. Small, 2014, 10, 1284-1288.	10.0	124
16	Inkjet printed superparamagnetic polymer composite hemispheres with programmed magnetic anisotropy. Nanoscale, 2014, 6, 10495-10499.	5.6	16
17	Self-organized spatio-temporal micropatterning in ferromagnetic Co–In films. Journal of Materials Chemistry C, 2014, 2, 8259-8269.	5.5	9
18	Ordered arrays of ferromagnetic, compositionally graded Cu1â^'xNix alloy nanopillars prepared by template-assisted electrodeposition. Journal of Materials Chemistry C, 2013, 1, 7215.	5.5	11

#	Article	IF	CITATIONS
19	Redox Cycling for Passive Modification of Polypyrrole Surface Properties: Effects on Cell Adhesion and Proliferation. Advanced Healthcare Materials, 2013, 2, 591-598.	7.6	16