

# Zenon Toprakcioglu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21  
papers

311  
citations

10  
h-index

17  
g-index

28  
ext. papers

507  
ext. citations

9.1  
avg, IF

4  
L-index

#	Paper	IF	Citations
21	Accelerating Reaction Rates of Biomolecules by Using Shear Stress in Artificial Capillary Systems. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 16401-16410	16.4	3
20	Shear-mediated sol-gel transition of regenerated silk allows the formation of Janus-like microgels. <i>Scientific Reports</i> , <b>2021</b> , 11, 6673	4.9	6
19	From Protein Building Blocks to Functional Materials. <i>ACS Nano</i> , <b>2021</b> , 15, 5819-5837	16.7	24
18	pH-Responsive Capsules with a Fibril Scaffold Shell Assembled from an Amyloidogenic Peptide. <i>Small</i> , <b>2021</b> , 17, e2007188	11	4
17	Reentrant liquid condensate phase of proteins is stabilized by hydrophobic and non-ionic interactions. <i>Nature Communications</i> , <b>2021</b> , 12, 1085	17.4	68
16	One-Step Generation of Multisomes from Lipid-Stabilized Double Emulsions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 6739-6747	9.5	3
15	Sequential storage and release of microdroplets. <i>Microsystems and Nanoengineering</i> , <b>2021</b> , 7, 76	7.7	1
14	Label-Free Protein Analysis Using Liquid Chromatography with Gravimetric Detection. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 2848-2853	7.8	3
13	Multi-scale microporous silica microcapsules from gas-in water-in oil emulsions. <i>Soft Matter</i> , <b>2020</b> , 16, 3082-3087	3.6	7
12	Continuous Flow Reactors from Microfluidic Compartmentalization of Enzymes within Inorganic Microparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 32951-32960	9.5	9
11	Lipid-Stabilized Double Emulsions Generated in Planar Microfluidic Devices. <i>Langmuir</i> , <b>2020</b> , 36, 2349-2356	11	11
10	Biocompatible Hybrid Organic/Inorganic Microhydrogels Promote Bacterial Adherence and Eradication and. <i>Nano Letters</i> , <b>2020</b> , 20, 1590-1597	11.5	16
9	Attoliter protein nanogels from droplet nanofluidics for intracellular delivery. <i>Science Advances</i> , <b>2020</b> , 6, eaay7952	14.3	27
8	Modulating the Mechanical Performance of Macroscale Fibers through Shear-Induced Alignment and Assembly of Protein Nanofibrils. <i>Small</i> , <b>2020</b> , 16, e1904190	11	18
7	Mechanism of droplet-formation in a supersonic microfluidic spray device. <i>Applied Physics Letters</i> , <b>2020</b> , 116, 153702	3.4	5
6	A Microfluidic Co-Flow Route for Human Serum Albumin-Drug-Nanoparticle Assembly. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 5965-5969	4.8	8
5	Programmable On-Chip Artificial Cell Producing Post-Translationally Modified Ubiquitinated Protein. <i>Small</i> , <b>2019</b> , 15, e1901780	11	3

4	Fabrication and Characterization of Reconstituted Silk Microgels for the Storage and Release of Small Molecules. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1800898	4.8	23
3	Label-Free Analysis of Protein Aggregation and Phase Behavior. <i>ACS Nano</i> , <b>2019</b> , 13, 13940-13948	16.7	22
2	Observation of molecular self-assembly events in massively parallel microdroplet arrays. <i>Lab on A Chip</i> , <b>2018</b> , 18, 3303-3309	7.2	24
1	Hierarchical Biomolecular Emulsions Using 3-D Microfluidics with Uniform Surface Chemistry. <i>Biomacromolecules</i> , <b>2017</b> , 18, 3642-3651	6.9	24