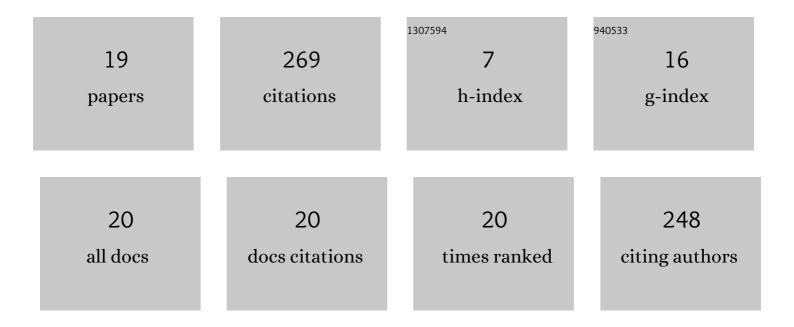
## Ebru Demir

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3400674/publications.pdf Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Roads to Smart Artificial Microswimmers. Advanced Intelligent Systems, 2020, 2, 1900137.	6.1	67
2	Bone tissue engineering: Anionic polysaccharides as promising scaffolds. Carbohydrate Polymers, 2022, 283, 119142.	10.2	55
3	Effect of silicon nanorod length on horizontal nanostructured plates inÂpool boiling heat transfer with water. International Journal of Thermal Sciences, 2014, 82, 111-121.	4.9	49
4	Hydrodynamic cavitation kills prostate cells and ablates benign prostatic hyperplasia tissue. Experimental Biology and Medicine, 2013, 238, 1242-1250.	2.4	16
5	Submerged jet impingement cooling using nanostructured plates. International Journal of Heat and Mass Transfer, 2013, 59, 414-422.	4.8	16
6	The effect of particle geometry on squirming through a shear-thinning fluid. Journal of Fluid Mechanics, 2022, 938, .	3.4	12
7	Nonlocal shear-thinning effects substantially enhance helical propulsion. Physical Review Fluids, 2020, 5, .	2.5	10
8	Low Reynolds number swimming of helical structures in circular channels. Journal of Fluids and Structures, 2017, 74, 234-246.	3.4	7
9	Skin Mountable Capillaric Strain Sensor with Ultrahigh Sensitivity and Direction Specificity. Advanced Materials Technologies, 2020, 5, 2000631.	5.8	7
10	The Effect of Nanostructure Distribution on Subcooled Boiling Heat Transfer Enhancement over Nanostructured Plates Integrated Into a Rectangular Channel. Nanoscale and Microscale Thermophysical Engineering, 2014, 18, 313-328.	2.6	6
11	Realization of a push-me-pull-you swimmer at low Reynolds numbers. Bioinspiration and Biomimetics, 2020, 15, 064001.	2.9	5
12	A 3Dâ€Printed Selfâ€Learning Threeâ€Linkedâ€Sphere Robot for Autonomous Confinedâ€Space Navigation. Advanced Intelligent Systems, 2021, 3, 2100039.	6.1	5
13	Wall-induced translation of a rotating particle in a shear-thinning fluid. Journal of Fluid Mechanics, 2021, 927, .	3.4	5
14	Assessment of Probe-to-Specimen Distance Effect in Kidney Stone Treatment With Hydrodynamic Cavitation. Journal of Medical Devices, Transactions of the ASME, 2015, 9, .	0.7	3
15	A numerical and experimental investigation of rolling and sliding motion of rotating spheres inside a cylinder. Journal of Fluid Mechanics, 2022, 935, .	3.4	3
16	Subcooled Flow Boiling Over Nanostructured Plate Integrated Into a Rectangular Channel. , 2013, , .		1
17	Submerged Jet Impingement Cooling of a Nanostructured Plate. , 2010, , .		0
18	Multiphase Submerged Jet Impingement Cooling Utilizing Nanostructured Plates. , 2012, , .		0

#	Article	IF	CITATIONS
19	Rolling and Sliding of Spheres Inside Horizontal Channels. , 2018, , .		Ο