

Ebru Demir

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3400674/publications.pdf>

Version: 2024-02-01

19
papers

269
citations

1307594

7
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	A numerical and experimental investigation of rolling and sliding motion of rotating spheres inside a cylinder. <i>Journal of Fluid Mechanics</i> , 2022, 935, .	3.4	3
2	Bone tissue engineering: Anionic polysaccharides as promising scaffolds. <i>Carbohydrate Polymers</i> , 2022, 283, 119142.	10.2	55
3	The effect of particle geometry on squirming through a shear-thinning fluid. <i>Journal of Fluid Mechanics</i> , 2022, 938, .	3.4	12
4	A 3D-Printed Self-Learning Three-Linked-Sphere Robot for Autonomous Confined-Space Navigation. <i>Advanced Intelligent Systems</i> , 2021, 3, 2100039.	6.1	5
5	Wall-induced translation of a rotating particle in a shear-thinning fluid. <i>Journal of Fluid Mechanics</i> , 2021, 927, .	3.4	5
6	Skin Mountable Capillaric Strain Sensor with Ultrahigh Sensitivity and Direction Specificity. <i>Advanced Materials Technologies</i> , 2020, 5, 2000631.	5.8	7
7	Roads to Smart Artificial Microswimmers. <i>Advanced Intelligent Systems</i> , 2020, 2, 1900137.	6.1	67
8	Realization of a push-me-pull-you swimmer at low Reynolds numbers. <i>Bioinspiration and Biomimetics</i> , 2020, 15, 064001.	2.9	5
9	Nonlocal shear-thinning effects substantially enhance helical propulsion. <i>Physical Review Fluids</i> , 2020, 5, .	2.5	10
10	Rolling and Sliding of Spheres Inside Horizontal Channels. , 2018, , .		0
11	Low Reynolds number swimming of helical structures in circular channels. <i>Journal of Fluids and Structures</i> , 2017, 74, 234-246.	3.4	7
12	Assessment of Probe-to-Specimen Distance Effect in Kidney Stone Treatment With Hydrodynamic Cavitation. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2015, 9, .	0.7	3
13	The Effect of Nanostructure Distribution on Subcooled Boiling Heat Transfer Enhancement over Nanostructured Plates Integrated Into a Rectangular Channel. <i>Nanoscale and Microscale Thermophysical Engineering</i> , 2014, 18, 313-328.	2.6	6
14	Effect of silicon nanorod length on horizontal nanostructured plates in pool boiling heat transfer with water. <i>International Journal of Thermal Sciences</i> , 2014, 82, 111-121.	4.9	49
15	Hydrodynamic cavitation kills prostate cells and ablates benign prostatic hyperplasia tissue. <i>Experimental Biology and Medicine</i> , 2013, 238, 1242-1250.	2.4	16
16	Submerged jet impingement cooling using nanostructured plates. <i>International Journal of Heat and Mass Transfer</i> , 2013, 59, 414-422.	4.8	16
17	Subcooled Flow Boiling Over Nanostructured Plate Integrated Into a Rectangular Channel. , 2013, , .		1
18	Multiphase Submerged Jet Impingement Cooling Utilizing Nanostructured Plates. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
19	Submerged Jet Impingement Cooling of a Nanostructured Plate. , 2010, , .		0