

InÃs M GonÃlves

List of Publications by Year in descending order

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13
papers

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148
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances on the thermal properties and applications of nanofluids: From nanomedicine to renewable energies. <i>Applied Thermal Engineering</i> , 2022, 201, 117725.	6.0	46
2	Recent Developments on the Thermal Properties, Stability and Applications of Nanofluids in Machining, Solar Energy and Biomedicine. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1115.	2.5	23
3	Organ-on-a-Chip Platforms for Drug Screening and Delivery in Tumor Cells: A Systematic Review. <i>Cancers</i> , 2022, 14, 935.	3.7	27
4	Recent trends of biomaterials and biosensors for organ-on-chip platforms. <i>Bioprinting</i> , 2022, 26, e00202.	5.8	13
5	Manual and Automatic Image Analysis Segmentation Methods for Blood Flow Studies in Microchannels. <i>Micromachines</i> , 2021, 12, 317.	2.9	9
6	Numerical Optimization of a Microchannel Geometry for Nanofluid Flow and Heat Dissipation Assessment. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2440.	2.5	8
7	Thermal Conductivity of Nanofluids: A Review on Prediction Models, Controversies and Challenges. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2525.	2.5	44
8	Experimental Studies of the Sedimentation, Stability and Thermal Conductivity of Two Different Nanofluids. <i>Engineering Proceedings</i> , 2021, 4, 35.	0.4	0
9	Separation Microfluidic Device Fabricated by Micromilling Techniques. <i>Engineering Proceedings</i> , 2021, 4, .	0.4	0
10	3D Printing Techniques and Their Applications to Organ-on-a-Chip Platforms: A Systematic Review. <i>Sensors</i> , 2021, 21, 3304.	3.8	60
11	A novel and extremely stable nanofluid based on iron oxide nanoparticles: Experimental investigations on the thermal performance. <i>Thermal Science and Engineering Progress</i> , 2021, 26, 101085.	2.7	5
12	Visualization and Measurements of Blood Cells Flowing in Microfluidic Systems and Blood Rheology: A Personalized Medicine Perspective. <i>Journal of Personalized Medicine</i> , 2020, 10, 249.	2.5	23
13	Bubbles Moving in Blood Flow in a Microchannel Network: The Effect on the Local Hematocrit. <i>Micromachines</i> , 2020, 11, 344.	2.9	18