

Majid Hejazian

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.

20 papers	792 citations	15 h-index	22 g-index
22 ext. papers	924 ext. citations	4.1 avg, IF	4.78 L-index

#	Paper	IF	Citations
20	Observations of phase changes in monoolein during high viscous injection.. <i>Journal of Synchrotron Radiation</i> , 2022 , 29, 602-614	2.4	
19	A Numerical Study of Sub-Millisecond Integrated Mix-and-Inject Microfluidic Devices for Sample Delivery at Synchrotron and XFELs. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3404	2.6	3
18	Recent Advances and Future Perspectives on Microfluidic Mix-and-Jet Sample Delivery Devices. <i>Micromachines</i> , 2021 , 12,	3.3	3
17	Mixing and jetting analysis using continuous flow microfluidic sample delivery devices.. <i>RSC Advances</i> , 2020 , 10, 15694-15701	3.7	6
16	Modeling of mass transfer enhancement in a magnetofluidic micromixer. <i>Physics of Fluids</i> , 2019 , 31, 063603	4.1	15
15	Magnetofluidics for manipulation of convective heat transfer. <i>International Communications in Heat and Mass Transfer</i> , 2017 , 81, 149-154	5.8	8
14	A Rapid Magnetofluidic Micromixer Using Diluted Ferrofluid. <i>Micromachines</i> , 2017 , 8, 37	3.3	29
13	Recent Advances and Future Perspectives on Microfluidic Liquid Handling. <i>Micromachines</i> , 2017 , 8, 186	3.3	100
12	Mass transport improvement in microscale using diluted ferrofluid and a non-uniform magnetic field. <i>RSC Advances</i> , 2016 , 6, 62439-62444	3.7	25
11	Magnetofluidic concentration and separation of non-magnetic particles using two magnet arrays. <i>Biomicrofluidics</i> , 2016 , 10, 044103	3.2	45
10	Lab on a chip for continuous-flow magnetic cell separation. <i>Lab on A Chip</i> , 2015 , 15, 959-70	7.2	232
9	Negative magnetophoresis in diluted ferrofluid flow. <i>Lab on A Chip</i> , 2015 , 15, 2998-3005	7.2	41
8	Comparative Numerical Study of Nanofluid Heat Transfer through an Annular Channel. <i>Numerical Heat Transfer; Part A: Applications</i> , 2015 , 67, 100-117	2.3	15
7	Magnetophoresis of diamagnetic microparticles in a weak magnetic field. <i>Lab on A Chip</i> , 2014 , 14, 4609-152	7.2	33
6	Comparative Numerical Investigation on TiO ₂ /Water Nanofluid Turbulent Flow by Implementation of Single Phase and Two Phase Approaches. <i>Numerical Heat Transfer; Part A: Applications</i> , 2014 , 66, 330-348	2.3	19
5	CFD Examination of Convective Heat Transfer and Pressure Drop in a Horizontal Helically Coiled Tube with CuO/Oil Base Nanofluid. <i>Numerical Heat Transfer; Part A: Applications</i> , 2014 , 66, 315-329	2.3	22
4	Comparative study of Euler and mixture models for turbulent flow of Al ₂ O ₃ nanofluid inside a horizontal tube. <i>International Communications in Heat and Mass Transfer</i> , 2014 , 52, 152-158	5.8	74

3	A Comparative Analysis of Single and Two-Phase Models of Turbulent Convective Heat Transfer in a Tube for TiO ₂ Nanofluid with CFD. <i>Numerical Heat Transfer; Part A: Applications</i> , 2013 , 63, 795-806	2.3	54
2	Natural convection in a rectangular enclosure containing an oval-shaped heat source and filled with Fe ₃ O ₄ /water nanofluid. <i>International Communications in Heat and Mass Transfer</i> , 2013 , 44, 135-146	5.8	29
1	Modeling of turbulent forced convective heat transfer and friction factor in a tube for Fe ₃ O ₄ magnetic nanofluid with computational fluid dynamics. <i>International Communications in Heat and Mass Transfer</i> , 2012 , 39, 1293-1296	5.8	39