

# Suvankar Ganguly

## List of Publications by Year in descending order

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21  
papers

922  
citations

471509

17  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single diffusive magnetohydrodynamic pressure driven miscible displacement flows in a channel. <i>Physics of Fluids</i> , 2019, 31, 082102.	4.0	14
2	Influence of combined electromagnetohydrodynamics on microchannel flow with electrokinetic effect and interfacial slip. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	2.2	34
3	Characterization of electromagnetohydrodynamic transport of power law fluids in microchannel. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2017, 250, 18-30.	2.4	26
4	Effect of cylinder rotation during mixed convective flow of nanofluids past a circular cylinder. <i>Computers and Fluids</i> , 2016, 127, 47-64.	2.5	33
5	Effect of Channel Confinement on Mixed Convective Flow Past an Equilateral Triangular Cylinder. <i>Journal of Heat Transfer</i> , 2015, 137, .	2.1	10
6	Thermally developing combined electroosmotic and pressure-driven flow of nanofluids in a microchannel under the effect of magnetic field. <i>Chemical Engineering Science</i> , 2015, 126, 10-21.	3.8	85
7	Fully developed thermal transport in combined pressure and electroosmotically driven flow of nanofluid in a microchannel under the effect of a magnetic field. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 623-636.	2.2	66
8	Analysis of Entropy Generation During Mixed Convective Heat Transfer of Nanofluids Past a Rotating Circular Cylinder. <i>Journal of Heat Transfer</i> , 2014, 136, .	2.1	31
9	Dispersion characteristics of blood during nanoparticle assisted drug delivery process through a permeable microvessel. <i>Microvascular Research</i> , 2014, 92, 25-33.	2.5	31
10	Buoyancy driven convection of nanofluids in an infinitely long channel under the effect of a magnetic field. <i>International Journal of Heat and Mass Transfer</i> , 2014, 71, 328-340.	4.8	47
11	Mixed convective flow stability of nanofluids past a square cylinder by dynamic mode decomposition. <i>International Journal of Heat and Fluid Flow</i> , 2013, 44, 624-634.	2.4	64
12	Buoyancy driven flow and heat transfer of nanofluids past a square cylinder in vertically upward flow. <i>International Journal of Heat and Mass Transfer</i> , 2013, 59, 433-450.	4.8	54
13	Determination of the aggregate fractal dimensions in colloidal nanofluids. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanoengineering and Nanosystems</i> , 2012, 226, 3-7.	0.1	2
14	Analysis of Entropy Generation During Mixed Convective Heat Transfer of Nanofluids Past a Square Cylinder in Vertically Upward Flow. <i>Journal of Heat Transfer</i> , 2012, 134, .	2.1	40
15	Mixed convective heat transfer of nanofluids past a circular cylinder in cross flow in unsteady regime. <i>International Journal of Heat and Mass Transfer</i> , 2012, 55, 4783-4799.	4.8	66
16	Investigation of electrical conductivity of titanium dioxide nanofluids. <i>International Journal of Nanoparticles</i> , 2011, 4, 336.	0.3	20
17	Sedimentation of nanoparticles in nanoscale colloidal suspensions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011, 375, 2394-2399.	2.1	28
18	Experimental investigation of the effective electrical conductivity of aluminum oxide nanofluids. <i>Powder Technology</i> , 2009, 196, 326-330.	4.2	185

#	ARTICLE	IF	CITATIONS
19	Effective viscosity of nanoscale colloidal suspensions. Journal of Applied Physics, 2009, 106, .	2.5	30
20	Scaling estimations of thermal and flow field in gas-stirred ladles. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2005, 36, 541-546.	2.1	5
21	Numerical Investigation on Role of Bottom Gas Stirring in Controlling Thermal Stratification in Steel Ladles. ISIJ International, 2004, 44, 537-546.	1.4	51