

Ahmad Keshavarzi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/793097/publications.pdf>

Version: 2024-02-01

10
papers

231
citations

1162367

8
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Develop the nano scale method of lattice Boltzmann to predict the fluid flow and heat transfer of air in the inclined lid driven cavity with a large heat source inside, Two case studies: Pure natural convection & mixed convection. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 509, 210-233.	1.2	109
2	A 3-D numerical simulation of non-Newtonian blood flow through femoral artery bifurcation with a moderate arteriosclerosis: investigating Newtonian/non-Newtonian flow and its effects on elastic vessel walls. <i>Heat and Mass Transfer</i> , 2019, 55, 2037-2047.	1.2	42
3	Theoretical analysis of vibration pickups with quasi-zero-stiffness characteristic. <i>Acta Mechanica</i> , 2019, 230, 3205-3220.	1.1	18
4	A Numerical and experimental study on the crash behavior of the extruded aluminum crash box with elastic support. <i>Latin American Journal of Solids and Structures</i> , 2014, 11, 1329-1348.	0.6	14
5	Influence of elastic and plastic support on the energy absorption of the extruded aluminium tube using ductile failure criterion. <i>International Journal of Crashworthiness</i> , 2014, 19, 172-181.	1.1	13
6	Parametric Study on the Geometric and Kinetic Aspects of the Slider-Crank Mechanism. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2019, 43, 405-417.	0.8	12
7	Parametric study of automotive shape memory alloy bumper beam subjected to low-velocity impacts. <i>International Journal of Crashworthiness</i> , 2021, 26, 322-327.	1.1	10
8	Chaotic Vibrations of a Nonlinear Air Suspension System under Consecutive Half Sine Speed Bump. <i>Indian Journal of Science and Technology</i> , 2015, 8, 72.	0.5	10
9	Catalytic epoxidation of <i>cis</i> -stilbene and naphthalene by tetra-n-butylammonium hydrogen monopersulfate in the presence of manganese(III) tetraarylporphyrins and various anionic co-catalysts. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 149-153.	0.4	2
10	Comparison of Energy Absorption in Circular Aluminium Crash Boxes with Rigid and Elastic Boundary Conditions: Numerical and Experimental Investigations. <i>International Journal of Automotive and Mechanical Engineering</i> , 2019, 16, 6200-6213.	0.5	1