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A power-law model of blood flow through a tapered overlapping stenosed artery

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#	Paper	IF	Citations
65	The micropolar fluid model for blood flow through a tapered artery with a stenosis. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2008 , 24, 637-644	2	122
64	The Modeling of Pulsatile Blood Flow as Cross-Williamson and Carreau Fluids in an Artery with a Partial Occlusion. 2008 ,		1
63	The pulsatile flow of Oldroyd-B fluid in a multi-stenosis artery with a time-dependent wall. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2010 , 224, 915-923	1.3	2
62	Induced magnetic field influences on blood flow through an anisotropically tapered elastic artery with overlapping stenosis in an annulus. <i>Canadian Journal of Physics</i> , 2011 , 89, 201-212	1.1	35
61	Power law fluid model for blood flow through a tapered artery with a stenosis. <i>Applied Mathematics and Computation</i> , 2011 , 217, 7108-7116	2.7	47
60	Magnetohydrodynamic effects on blood flow through an irregular stenosis. <i>International Journal for Numerical Methods in Fluids</i> , 2011 , 67, 1624-1636	1.9	23
59	Comparative Analysis of Mathematical Models for Blood Flow in Tapered Constricted Arteries. <i>Abstract and Applied Analysis</i> , 2012 , 2012, 1-34	0.7	2
58	Mathematical modeling of axial flow between two eccentric cylinders: Application on the injection of eccentric catheter through stenotic arteries. <i>International Journal of Non-Linear Mechanics</i> , 2012 , 47, 927-937	2.8	36
57	Nanoparticles analysis on the blood flow through a tapered catheterized elastic artery with overlapping stenosis. <i>European Physical Journal Plus</i> , 2014 , 129, 1	3.1	28
56	Simulation of magnetic field effect on non-Newtonian blood flow between two-square concentric duct annuli using FDLBM. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014 , 45, 1184-1196	5.3	42
55	FDLBM simulation of magnetic field effect on non-Newtonian blood flow in a cavity driven by the motion of two facing lids. <i>Powder Technology</i> , 2014 , 253, 325-337	5.2	45
54	Carreau fluid model for blood flow through a tapered artery with a stenosis. <i>Ain Shams Engineering Journal</i> , 2014 , 5, 1307-1316	4.4	44
53	Biorheological Model on Flow of Herschel-Bulkley Fluid through a Tapered Arterial Stenosis with Dilatation. <i>Applied Bionics and Biomechanics</i> , 2015 , 2015, 406195	1.6	12
52	Study of Radially Varying Magnetic Field on Blood Flow through Catheterized Tapered Elastic Artery with Overlapping Stenosis. <i>Communications in Theoretical Physics</i> , 2015 , 64, 537-546	2.4	8
51	Effects of stenoses on non-Newtonian flow of blood in blood vessels. <i>International Journal of Biomathematics</i> , 2015 , 08, 1550010	1.8	14
50	Theoretical Analysis of Metallic Nanoparticles on Blood Flow Through Tapered Elastic Artery With Overlapping Stenosis. <i>IEEE Transactions on Nanobioscience</i> , 2015 , 14, 417-428	3.4	19
49	Suspension model for blood flow through catheterized curved artery with time-variant overlapping stenosis. 2015 , 18, 452-462		21

48	Mathematical analysis of Phan-Thien Tanner fluid model for blood in arteries. <i>International Journal of Biomathematics</i> , 2015 , 08, 1550064	1.8	
47	Mathematical modeling of micropolar fluid flow through an overlapping arterial stenosis. <i>International Journal of Biomathematics</i> , 2015 , 08, 1550056	1.8	19
46	Mathematical modeling of unsteady blood flow through elastic tapered artery with overlapping stenosis. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2015 , 37, 571-578	2	19
45	Blood flow suspension in tapered stenosed arteries for Walter B fluid model. <i>Computer Methods and Programs in Biomedicine</i> , 2016 , 132, 45-55	6.9	12
44	Perturbation analysis for pulsatile flow of Carreau fluid through tapered stenotic arteries. <i>International Journal of Biomathematics</i> , 2016 , 09, 1650063	1.8	3
43	Analysis of blood flow through a catheterized stenosed artery using Mathematica. 2016,		1
42	Numerical Investigation of Pulsatile Blood Flow in Stenosed Artery. <i>International Journal of Applied and Computational Mathematics</i> , 2016 , 2, 649-662	1.3	4
41	UNSTEADY MAGNETOHYDRODYNAMIC BLOOD FLOW IN A POROUS-SATURATED OVERLAPPING STENOTIC ARTERY INUMERICAL MODELING. <i>Journal of Mechanics in Medicine and Biology</i> , 2016 , 16, 1650049	0.7	11
40	Numerical technique of blood flow through catheterized arteries with overlapping stenosis. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2017 , 20, 45-58	2.1	5
39	Shape effect of Cu-nanoparticles in unsteady flow through curved artery with catheterized stenosis. <i>Results in Physics</i> , 2017 , 7, 677-689	3.7	15
38	Computational Hemodynamic Analysis of Flow Through Flexible Permeable Stenotic Tapered Artery. <i>International Journal of Applied and Computational Mathematics</i> , 2017 , 3, 1261-1287	1.3	3
37	Influence of magnetic field on chemically reactive blood flow through stenosed bifurcated arteries. 2017 ,		1
36	Numerical simulation of heat transfer in power law fluid flow through a stenosed artery. 2017,		
35	Influence of stenosis on hemodynamic parameters in the realistic left coronary artery under hyperemic conditions. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2017 , 20, 365-372	2.1	12
34	Biomathematical study of time-dependent flow of a Carreau nanofluid through inclined catheterized arteries with overlapping stenosis. <i>Journal of Central South University</i> , 2017 , 24, 2725-2744	1 ^{2.1}	18
33	Numerical study of magnetohydrodynamic pulsatile flow of Sutterby fluid through an inclined overlapping arterial stenosis in the presence of periodic body acceleration. <i>Results in Physics</i> , 2018 , 9, 753-762	3.7	14
32	Unsteady blood flow of non-Newtonian fluid through a rigid artery in the presence of multi-irregular stenoses. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018 , 40, 1	2	2
31	A ballon model analysis with Cu-blood medicated nanoparticles as drug agent through overlapped curved stenotic artery having compliant walls. <i>Microsystem Technologies</i> , 2019 , 25, 2949-2962	1.7	12

30	Numerical Simulation of Dusty Air Flow and Particle Deposition Inside Permeable Alveolar Duct. <i>International Journal of Applied and Computational Mathematics</i> , 2019 , 5, 1	1.3	1
29	The Effect of Stenotic Geometry and Non-newtonian Property of Blood Flow through Arterial Stenosis. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2020 , 20, 16-30	1.1	1
28	Numerical investigation of unsteady pulsatile Newtonian/non-Newtonian blood flow through curved stenosed arteries. <i>Bio-Medical Materials and Engineering</i> , 2020 , 30, 525-540	1	2
27	An implicit approach to the micropolar fluid model of blood flow under the effect of body acceleration. <i>Mathematical Sciences</i> , 2020 , 14, 269-277	1.6	5
26	Nanoparticle analysis of Jeffrey fluid flow in an inclined tube with overlapping stenosis. 2020,		
25	TiO2-Ag/blood hybrid nanofluid flow through an artery with applications of drug delivery and blood circulation in the respiratory system. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020 , 30, 4775-4796	4.5	29
24	Numerical Simulation of Non-Newtonian Blood Flow through a Tapered Stenosed Artery using the Cross Model. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 864, 012200	0.4	О
23	Blood flow analysis in tapered stenosed arteries with the influence of heat and mass transfer. <i>Journal of Applied Mathematics and Computing</i> , 2020 , 63, 523-541	1.8	6
22	Mathematical modeling and study of MHD flow of Williamson nanofluid over a nonlinear stretching plate with activation energy. <i>Heat Transfer</i> , 2021 , 50, 2558-2570	3.1	15
21	Biorheological Model on Pulsatile Flow of Blood (KII Fluid) Through Flexible Stenotic Tapered Blood Vessels. <i>International Journal of Applied and Computational Mathematics</i> , 2021 , 7, 1	1.3	О
20	Micropolar Blood Flow in a Magnetic Field. <i>Fluids</i> , 2021 , 6, 133	1.6	1
19	Effects of magnetic field on blood flow with suspended copper nanoparticles through an artery with overlapping stenosis. <i>International Journal of Thermofluid Science and Technology</i> , 2021 , 8,	0.9	1
18	Non-isothermal flow of Sisko fluid in a stenotic tube induced via pulsatile pressure gradient and periodic body acceleration. <i>Physica Scripta</i> , 2021 , 96, 085211	2.6	1
17	An Analytical Approach to Study the Blood Flow over a Nonlinear Tapering Stenosed Artery in Flow of Carreau Fluid Model. <i>Complexity</i> , 2021 , 2021, 1-11	1.6	5
16	Mathematical modeling of non-Newtonian fluid in arterial blood flow through various stenoses. <i>Advances in Difference Equations</i> , 2021 , 2021,	3.6	1
15	Numerical simulation of the transport of nanoparticles as drug carriers in hydromagnetic blood flow through a diseased artery with vessel wall permeability and rheological effects. <i>Microvascular Research</i> , 2022 , 139, 104241	3.7	2
14	The influence of magnetic field on wall shear stress in power law fluid flow of blood. 2021,		O
13	Magnetic repercussion on the different shaped copper nanoparticles to improve vasodilatation effect in stenosed artery. <i>Materials Today: Proceedings</i> , 2021 , 44, 2142-2146	1.4	1

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Effect of magnetic field in power-law fluid with mass transfer. 2017, 12 1 A preliminary simulation for the development of an implantable pulsatile blood pump. Advances in 11 Biomechanics and Applications, 2014, 1, 127-141 Steady flow of a power law fluid through a tapered non-symmetric stenotic tube. Applied 10 4 15 Mathematics and Nonlinear Sciences, 2019, 4, 255-266 Geometry of stenosis and its effects on the blood flow through an artery - A theoretical study. AIP Conference Proceedings, 2021, On Blood Flow Through an Overlapping Stenosed Artery. Lecture Notes in Networks and Systems, 8 0.5 2018. 535-544 Numerical Computation of the Blood Flow Characteristics Through the Tapered Stenotic 0.4 Catheterised Artery with Flexible Wall. Lecture Notes in Mechanical Engineering, 2019, 123-130 Entropy and stability analysis on blood flow with nanoparticles through a stenosed artery having 6 1.1 1 permeable walls.. Science Progress, 2022, 105, 368504221096000 Numerical simulation of the transport of nanoparticles as drug carriers in hydromagnetic blood flow through a diseased artery with vessel wall permeability and rheological effects.. Microvascular 3.7 Research, **2022**, 104375 Effective Similarity Variables for the Computations of MHD Flow of Williamson Nanofluid over a 2.9 3 Non-Linear Stretching Surface. Processes, 2022, 10, 1119 Hydrothermal analysis of non-Newtonian fluid flow (blood) through the circular tube under prescribed non-uniform wall heat flux. 2022, 100360 Influence of Body Acceleration and Slip Velocity on Fluid Flow in a Multi-Stenotic Artery. 2022, O 2332, 012011 Pulsatile Bypass Flow by Means of Power Law and Newtonian Model: A Comparison Guided by Numerical Investigation. 420, 215-228