Publication of Dr. Gul Zaman

1 Publications

1.1 Published


5. **Gul Zaman** and Asaf Khan, Dynamical Aspects of an Age-structured SIR Endemic Model, Computer and Mathematics with Applications, 72 (2016) 1690 -1702, **IF:1.398**.


1


18. Gul Zaman, Young Han Kang, Il Hyo Jung, Dynamics of a smoking model with disease death rate, Applications Mathematics, accepted 2015.

19. Vedat Erturk, Gul Zaman, Baha Alzalg, Anwar Zeb, Shaher Momani, Comparing two numerical methods for approximating a new giving up smoking model with fractional order derivative, Iranian Journal of Science and Technology, Available Online from 29 October 2015, IF:0.423.


44. Anwar Zeb, Gul Zaman, Shaher Momani Vedat Suat Ertuek, Solution of an SEIR Epidemic Model in Fractional Order, VFAST Transactions on Mathematics, Volume 1, Number 1, June 2013, 7-15.


46. Roman Ullah, Gul Zaman, Saeed Islam, STABILITY ANALYSIS OF A GENERAL SIR EPIDEMIC MODEL, VFAST Transactions on Mathematics, Volume 1, Number 1, June 2013, 16-20.


56. Vedat Suat ERTURK, Gul Zaman, Shaher Momani, A numeric-analytic method for approximating a giving up smoking model containing fractional derivatives, Computer and Mathematics with Application, Volume 64, Issue 10, November 2012, Pages 3065 3074, IF:2.069.


59. Gul Zaman, Saeed Islam, Kang Yong Han, Jung Il Hyo, Blood flow of an Oldroyd-B fluid in a blood vessel incorporating a Brownian stress,


68. Gul Zaman, Qualitative behavior of giving up smoking model, Bull. Malays. Math. Sci. Soc. 34(2) (2011), 403-415, **IF:0.854**.

69. Gul Zaman, Kang Yong Han, Jung Il Hyo, Orientational stress tensor of polymer solution with application to blood flow, Modern Physics Letters B, Vol. 25, Nos. 1 45 & 13 (2011) 1157-1166, **IF:0.479**.


73. S. Islam, Murad Ullah, Gul Zaman, M. Idrees, Approximate Solutions to MHD Squeezing fluid flow, J. Appl. Math. & Informatics Vol. 29(2011), No. 5-6, pp. 1081-1096, **IF:0.00**.


1.2 Accepted


91. Gul Zaman, Kang Yong Han, Jung Il Hyo, Dynamics of a smoking model with disease death rate,, 2015.


1.3 Submitted


98. Gul Zaman, Kang Yong Han, Jung Il Hyo, Asymptotic behavior and control strategy of worm propagation model, Wulfenia Journal, 2015, IF:0.65.


100. Amir Khan, Gul Zaman, Saeed Ahmad, Saif ullah, The Oscillatory Motion of Oldroyd-B Fluid by Incorporating Some of the Mechanical Factors, Progress in Computational Fluid Dynamics, An International Journal, 21 Dec. 2015, IF:0.58.


102. Amir Khan and Gul Zaman, Analytic Solution Of Fractional Jeffrey Fluid Induced by Abrupt Motion of The Plate, Progress in Fractional Differentiation and Applications (PFDA), 2015.


112. Tahir Khan and Gul Zaman, Global analysis of Hepatitis B epidemic model with saturated incidence rate, Quarterly of Applied Mathematics 9 April, 2016, IF:1.03.


121. Asaf Khan and Gul Zaman, Dynamical behavior of an age structure SIRS endemic model, Mathematical Biosciences and Engineering, 26 August 2016, IF:1.08.

123. Tahir Khan and Gul Zaman, Modelling and Optimal Control of Acute and Chronic Hepatitis B Individuals, Mathematical Modelling and Analysis, 24 October 2016, IF:1.21.


125. Tahir Khan, Gul Zaman, Delfim F. M. Torres, Modelling and Optimal Control of Acute and Chronic Hepatitis B Individuals, Rejected Optimization, 17 Jan. 2017 IF:0.879.

126. Muhammad Said, Gul Zaman, Jun Il Hyo, Education and treatment campaign in smoking dynamics, Rejected Advances in Difference Equations (will submit Prof. Jung), 27 Nov. 2016, IF:0.269.


