



Publications Template

#	Research Title	Field	Abstract	Year of Publication Publishing	Publishing Link "URL"
1	A computational method for solving a class of non-linear singularly perturbed Volterra Integro-differential boundary-value problems	Engineering Mathematics	Not Applicable	Journal of Mathematical and Computational Science, 3(1), 2013.	Not Applicable
2	Qualitative Analysis of Delayed SIR Epidemic Model With a Saturated Incidence Rate			International Journal of Differential Equations, 2013	
3	SIR Model of Swine Influenza Epidemic in Abu Dhabi: Estimation of Vaccination Requirement			Journal of Public Health Frontier (PHF), Vol. 1 (4), (2013)	
4	Delayed SIR Model with saturated incidence rate. Germany 2015			NUMDIFF-14, Halle, Germany 2015	
5	An Efficient Numerical Algorithm for Solving Fractional Higher-			Abstract and Applied Analysis, vol. 2015	



Marketing Department

إدارة التسويق

	Order Nonlinear Integrodifferential Equations				
6	Data Assimilation of Doppler Radar Winds for Numerical Weather Prediction			The 11th AIMS Conference on Dynamical Systems, Differential Equations and Applications, Orlando, Florida, USA, July 1 - July 5, 2016	
7	An efficient method for solving singularly perturbed Riccati equation with fractional order			International Journal of Applied and Computational Mathematics, 2017.	
8	Dynamics of coronavirus infection in human			AIP Conference Proceedings, Published by the American Institute of Physics (2018)	
9	The modified fractional power series method for solving fractional non-isothermal reaction-diffusion model equations in a spherical catalyst			Accepted for publication in International Journal of Applied and Computational Mathematics, 2019	