

List of Publications

2023-2024

S.No	Title of the paper	First Author & Affiliation	Remaining Authors & Affiliation as per the order in papers	Name of the Journal / Conference	Volume No, Issue No Page No Month & Year	Indexing Scopus/ SCI/ SCIE/ WoSet	Is it available in Scopus Author Search (Yes/ No)	Online Link of the paper ( by clicking this link, paper should opened in online)
1.	"Wellposedness of impulsive functional abstract second-order differential equations with state-dependent delay"	<b>Karthikeyan K</b>	Tamizharasan D., Abdeljawad T., Nisar K.S.	International Journal of Nonlinear Sciences and Numerical Simulation		SCI	Yes	
2	"Heat transfer analysis of water-ethylene glycol (50:50) based nanofluid over a cone with the	S.Yasodha	A.K.Abdul Hakeem, B.Ganga and <b>P.Renuka</b>	Mathematics and Computers in Simulation		SCI	Yes	

	influences of magnetic field and uniform heat generation/absorption"							
3	"Impact of titling angle and density extremum on transient convection in a porous chamber with sinusoidal heating"	<b>K.Janaki</b>	S.Sivasankaran	Numerical Heat Transfer; Part A: Applications		SCI	Yes	
4	"Thermal description and entropy evaluation of magnetized hybrid nanofluid with variable viscosity via Crank-Nicolson method"	Hanif H	Jamshed W., <b>Devi S S.U.</b> , Eid M.R., Shafie S., Ibrahim R.W., Nasir N.A.A.M., Abd-Elmonem A., El Din S.M.	Case Studies in Thermal Engineering	47	SCI	Yes	
5	"Numerical study on thermo-solutal	S.Sivasankaran	<b>K.Janaki</b> and Ahmad Ramzi	Materials Today:		Scopus	Yes	

	combined convection in a lid-driven chamber with heat/cold sources on sidewalls",		Kassar	Proceedings				
6	Robust tracking control for uncertain fuzzy systems with time delay and external disturbances	Muthusamy Vijayakumar,	Rathinasamy Sakthivel, <b>Dharmarajan Aravindh,</b> Selvaraj Marshal Anthoni	Asian Journal of Control.		SCI – IF : 2.44	Yes	
7	Couple stress behaviors of nonlinearly radiating hybrid nanofluid over convectively heated Riga plate exploring thermophoretic and Brownian	Mahesh Kumar	<b>S. Suriya Uma Devi</b>	Waves in Random and Complex Media.		SCI : IF:4.05	Yes	

	impacts.							
8	Equivalent-Input-Disturbance Based Robust Control Design for Fuzzy Semi-Markovian Jump Systems	<b>Aravindh Dharmarajan</b>	Parivallal Arumugam, Sakthivel Ramalingam and Kavikumar Ramasamy	Proportional-Integral Observer Approach Mathematics	11, 2543.	SCIE : IF -2.4	Yes	<a href="https://doi.org/10.3390/math1112543">https://doi.org/10.3390/math1112543</a> .
9	Structure and opto-electronic properties of MgO nanocrystals calculated by GGA approximation.	<b>M. Myvizhi</b>	K.V. Satheesh Kumar, P. R. Kavitha , P. - Selvakumar	Journal of Ovonic Research	Vol. 19, No. 3, . 265 – 273.	SCIE: IF : 1.165	Yes	
10	Boundary Value Problems Of Higher Order Fractional Integro-Differential Equations	<b>KULANDHIVEL KARTHIKEYAN</b>	AND OZGUR EGE	Miskolc Mathematical Notes	,Vol. 24 (2023), No. 2, pp. 805–	SCI: IF : 1.22	Yes	

	Involving Gronwall's Inequality In Banach Spaces				818.			
11	Thermal characterization of heat source (sink) on hybridized (Cu–Ag/EG) nanofluid flow via solid stretchable sheet	Syed M. Hussain ,	Mohamed R. Eid , <b>M. Prakash</b> , Wasim Jamshed , Abbas Khan and Haifa Alqahtani	Open Physics,	Vol 21, I 1, B – E.	SCI : IF : 1.36	Yes	
12	On Fractional Integrodifferential Equation Involving Caputo-Hadamard Derivative with Hadamard Fractional Integral Boundary Conditions.	<b>Subramanian Muthaiah</b>	Manigandan Murugesan, Sivasamy Ramasamy and Nandha Gopal Thangaraj	Southeast Asian Bulletin of Mathematics	47: 367–380.	Scopus	Yes	

13	Structure and opti-electronic properties of MgO nano crystals calculated by GGA approximation	<b>M.Myvizhi</b>	K.V.Satheesh Kumar, P.R. Kavitha, P.Selva kumar.	Journal of Ovonic Resarch	19,3,May - June 2023	SCI	Yes	
14	MADM Strategy Application of bipolar single valued Heptapartitioned Neutrosophic set	<b>Myvizhi M</b>	Ahmed M.Ali, Ahmed Abdelhafeez, Haitham Rizk Fadlallah	International journal of neutrosophic science	21,4,181-194, 2023	Scopus	Yes	
15	Unveiling yoga's impact on mental and physical well being through neutrosophic DEMATEL Analysis	<b>Ahmed E. Fakhry</b>	M.Myvizhi, Ahmed M.Ali, Ahmed Abdelhafeez	International journal of neutrosophic science	22,1,17-30, 2023	Scopus	Yes	

16	Choosing the best location in the hospital by MADM Strategy using the energy of a rough neutrosophic matrix	M.Myvizhi			14,3,97 9 - 989	Scopus	Yes	
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