

Muhammad Aqeel

List of Publications by Year in descending order

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191
citing authors

#	ARTICLE	IF	CITATIONS
1	Integer and fractional order analysis of a 3D system and generalization of synchronization for a class of chaotic systems. <i>Chaos, Solitons and Fractals</i> , 2022, 155, 111743.	5.1	7
2	Control of Chaos in Krause and Roberts Geomagnetic Chaotic System. <i>Chinese Journal of Physics</i> , 2022, 77, 1331-1341.	3.9	5
3	Transcriptome unveiled the gene expression patterns of root architecture in drought-tolerant and sensitive wheat genotypes. <i>Plant Physiology and Biochemistry</i> , 2022, 178, 20-30.	5.8	12
4	Segmented disc dynamo with symmetric multidirectional patterns of multiscroll chaotic attractors. <i>Mathematics and Computers in Simulation</i> , 2022, , .	4.4	1
5	On the dynamics: existence of chaos and symmetry in Krause and Robert (KR) flow. <i>Soft Computing</i> , 2021, 25, 2521-2530.	3.6	5
6	Retardational Effect and Hopf Bifurcations in a New Attitude System of Quad-Rotor Unmanned Aerial Vehicle. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, 2150127.	1.7	6
7	Probiotic Characterization and Population Diversity Analysis of Gut-Associated <i>Pediococcus acidilactici</i> for Its Potential Use in the Dairy Industry. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9586.	2.5	6
8	Hopf bifurcation of forced Chen system and its stability via adaptive control with arbitrary parameters. <i>Soft Computing</i> , 2020, 24, 4333-4341.	3.6	12
9	Fractional order analysis of modified stretchâ€twistâ€fold flow with synchronization control. <i>AIP Advances</i> , 2020, 10, .	1.3	4
10	Absolute control of chaotic responses in Robbins disc dynamo. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	2
11	Interest Rate Creates Chaos in Finance System : Control of Chaos Through Modified Adaptive Backstepping Technique. , 2019, , .		2
12	The analysis of NSG system for existence of Siâ€™nikov chaos. <i>Chinese Journal of Physics</i> , 2019, 62, 43-53.	3.9	9
13	Control of chaos in thermal convection loop by state space linearization. <i>Chinese Journal of Physics</i> , 2019, 58, 166-178.	3.9	5
14	Switching of behavior: From hyperchaotic to controlled magnetoconvection model. <i>AIP Advances</i> , 2019, 9, 125235.	1.3	3
15	Control Analysis of Rucklidge Chaotic System. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2019, 141, .	1.6	14
16	Influence of the magnetic field on merging flow of the Powell-Eyring fluids: an exact solution. <i>Meccanica</i> , 2018, 53, 2287-2298.	2.0	2
17	The proto Bhalekarâ€™Gejji system. <i>Chinese Journal of Physics</i> , 2018, 56, 1220-1231.	3.9	3
18	Improved numerical solutions for chaotic-cancer-model. <i>AIP Advances</i> , 2017, 7, 015110.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Dynamical and fractal properties in periodically forced stretch-twist-fold (STF) flow. European Physical Journal Plus, 2017, 132, 1.	2.6	2
20	Control of chaos: Lie algebraic exact linearization approach for the $L\tilde{A}^{1/4}$ system. European Physical Journal Plus, 2017, 132, 1.	2.6	10
21	Complex dynamics in a modified disc dynamo: A nonlinear approach. European Physical Journal Plus, 2017, 132, 1.	2.6	3
22	Chaotic behavior of modified stretch-twist-fold (STF) flow with fractal property. Nonlinear Dynamics, 2017, 90, 1-12.	5.2	49
23	On scattering of a material over the Ostwald-de Waele fluid bed. European Physical Journal Plus, 2016, 131, 1.	2.6	0
24	Analytical and numerical study of Hopf bifurcation scenario for a three-dimensional chaotic system. Nonlinear Dynamics, 2016, 84, 755-765.	5.2	19
25	Application of Fourier transform to MHD flow over an accelerated plate with partial-slippage. AIP Advances, 2014, 4, .	1.3	7
26	Nonlinear analysis of stretch-twist-fold (STF) flow. Nonlinear Dynamics, 2013, 72, 581-590.	5.2	9
27	Chaotification in the stretch-twist-fold (STF) flow. Science Bulletin, 2013, 58, 1655-1662.	1.7	9