

# Muhammad Aqeel

## List of Publications by Year in descending order

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docs citations

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times ranked

191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chaotic behavior of modified stretch-twist-fold (STF) flow with fractal property. Nonlinear Dynamics, 2017, 90, 1-12.	5.2	49
2	Analytical and numerical study of Hopf bifurcation scenario for a three-dimensional chaotic system. Nonlinear Dynamics, 2016, 84, 755-765.	5.2	19
3	Control Analysis of Rucklidge Chaotic System. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2019, 141, .	1.6	14
4	Hopf bifurcation of forced Chen system and its stability via adaptive control with arbitrary parameters. Soft Computing, 2020, 24, 4333-4341.	3.6	12
5	Transcriptome unveiled the gene expression patterns of root architecture in drought-tolerant and sensitive wheat genotypes. Plant Physiology and Biochemistry, 2022, 178, 20-30.	5.8	12
6	Control of chaos: Lie algebraic exact linearization approach for the $L^{\frac{1}{4}}$ system. European Physical Journal Plus, 2017, 132, 1.	2.6	10
7	Nonlinear analysis of stretch-twist-fold (STF) flow. Nonlinear Dynamics, 2013, 72, 581-590.	5.2	9
8	Chaotification in the stretch-twist-fold (STF) flow. Science Bulletin, 2013, 58, 1655-1662.	1.7	9
9	The analysis of NSG system for existence of Sî€™nikov chaos. Chinese Journal of Physics, 2019, 62, 43-53.	3.9	9
10	Improved numerical solutions for chaotic-cancer-model. AIP Advances, 2017, 7, 015110.	1.3	8
11	Application of Fourier transform to MHD flow over an accelerated plate with partial-slippage. AIP Advances, 2014, 4, .	1.3	7
12	Integer and fractional order analysis of a 3D system and generalization of synchronization for a class of chaotic systems. Chaos, Solitons and Fractals, 2022, 155, 111743.	5.1	7
13	Retardational Effect and Hopf Bifurcations in a New Attitude System of Quad-Rotor Unmanned Aerial Vehicle. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150127.	1.7	6
14	Probiotic Characterization and Population Diversity Analysis of Gut-Associated <i>Pediococcus acidilactici</i> for Its Potential Use in the Dairy Industry. Applied Sciences (Switzerland), 2021, 11, 9586.	2.5	6
15	Control of chaos in thermal convection loop by state space linearization. Chinese Journal of Physics, 2019, 58, 166-178.	3.9	5
16	On the dynamics: existence of chaos and symmetry in Krause and Robert (KR) flow. Soft Computing, 2021, 25, 2521-2530.	3.6	5
17	Control of Chaos in Krause and Roberts Geomagnetic Chaotic System. Chinese Journal of Physics, 2022, 77, 1331-1341.	3.9	5
18	Fractional order analysis of modified stretchâ€”twistâ€”fold flow with synchronization control. AIP Advances, 2020, 10, .	1.3	4

#	ARTICLE	IF	CITATIONS
19	Complex dynamics in a modified disc dynamo: A nonlinear approach. European Physical Journal Plus, 2017, 132, 1.	2.6	3
20	The proto Bhalekarâ€“Gejji system. Chinese Journal of Physics, 2018, 56, 1220-1231.	3.9	3
21	Switching of behavior: From hyperchaotic to controlled magnetoconvection model. AIP Advances, 2019, 9, 125235.	1.3	3
22	Dynamical and fractal properties in periodically forced stretch-twist-fold (STF) flow. European Physical Journal Plus, 2017, 132, 1.	2.6	2
23	Influence of the magnetic field on merging flow of the Powell-Eyring fluids: an exact solution. Meccanica, 2018, 53, 2287-2298.	2.0	2
24	Interest Rate Creates Chaos in Finance System : Control of Chaos Through Modified Adaptive Backstepping Technique. , 2019, , .		2
25	Absolute control of chaotic responses in Robbins disc dynamo. European Physical Journal Plus, 2020, 135, 1.	2.6	2
26	Segmented disc dynamo with symmetric multidirectional patterns of multiscroll chaotic attractors. Mathematics and Computers in Simulation, 2022, , .	4.4	1
27	On scattering of a material over the Ostwald-de Waele fluid bed. European Physical Journal Plus, 2016, 131, 1.	2.6	0