

Mohammad Sajid

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Fractal dimension of coastline of Australia. Scientific Reports, 2021, 11, 6304.	3.3	43
2	Optimal control strategies on COVID-19 infection to bolster the efficacy of vaccination in India. Scientific Reports, 2021, 11, 20124.	3.3	16
3	Fractals: An Eclectic Survey, Part-I. Fractal and Fractional, 2022, 6, 89.	3.3	15
4	Fractals: An Eclectic Survey, Part II. Fractal and Fractional, 2022, 6, 379.	3.3	12
5	Shape preserving rational cubic trigonometric fractal interpolation functions. Mathematics and Computers in Simulation, 2021, 190, 866-891.	4.4	11
6	Fractal dimension of India using multicore parallel processing. Computers and Geosciences, 2022, 159, 104989.	4.2	11
7	Solution of a dynamical memory effect COVID-19 infection system with leaky vaccination efficacy by non-singular kernel fractional derivatives. Mathematical Biosciences and Engineering, 2022, 19, 4341-4367.	1.9	11
8	Fractals as Julia Sets of Complex Sine Function via Fixed Point Iterations. Fractal and Fractional, 2021, 5, 272.	3.3	10
9	An investigation on microscopic chaos controlling of identical chemical reactor system via adaptive controlled hybrid projective synchronization. European Physical Journal: Special Topics, 2022, 231, 453-463.	2.6	10
10	An Effective Synchronization Approach to Stability Analysis for Chaotic Generalized Lotka-Volterra Biological Models Using Active and Parameter Identification Methods. Entropy, 2022, 24, 529.	2.2	10
11	Robust self tuned AGC controller for wind energy penetrated power system. Ain Shams Engineering Journal, 2022, 13, 101663.	6.1	9
12	Predator-prey dynamics with Allee effect on predator species subject to intra-specific competition and nonlinear prey refuge. Journal of Mathematics and Computer Science, 0, , 150-165.	1.0	8
13	Variants of Julia and Mandelbrot sets as fractals via Jungck-Ishikawa fixed point iteration system with ϕ -convexity. AIMS Mathematics, 2022, 7, 10939-10957.	1.6	7
14	Assessing the impact of transmissibility on a cluster-based COVID-19 model in India. International Journal of Modeling, Simulation, and Scientific Computing, 2021, 12, 2141002.	1.4	5
15	Controllability of singular dynamic systems on time scales. Asian Journal of Control, 2022, 24, 2771-2777.	3.0	5
16	Existence of local and global solutions to fractional order fuzzy delay differential equation with non-instantaneous impulses. AIMS Mathematics, 2022, 7, 2348-2369.	1.6	5
17	Hybrid MPC-Based Automatic Generation Control for Dominant Wind Energy Penetrated Multisource Power System. Modelling and Simulation in Engineering, 2022, 2022, 1-10.	0.7	5
18	Dynamics of transcendental meromorphic functions (f/g) having rational Schwarzian derivatives. Dynamical Systems, 2007, 22, 323-337.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Second order oscillation of noncanonical functional dynamical equations on time scales. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	2.3	4
20	Chaos in dynamics of a family of transcendental meromorphic functions. <i>Journal of Nonlinear Analysis and Application</i> , 2017, 2017, 1-11.	0.1	4
21	Real fixed points and dynamics of one parameter family of function. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2016, 21, 92-95.	1.0	3
22	Bifurcation and Chaos in Real Dynamics of a Two-Parameter Family Arising from Generating Function of Generalized Apostol-Type Polynomials. <i>Mathematical and Computational Applications</i> , 2018, 23, 7.	1.3	3
23	Chaotic Behaviour and Bifurcation in Real Dynamics of Two-Parameter Family of Functions including Logarithmic Map. <i>Abstract and Applied Analysis</i> , 2020, 2020, 1-13.	0.7	3
24	Singular Values Of One Parameter Family $\lambda b^{2-1}\{z\}$. <i>Journal of Mathematics and Computer Science</i> , 2015, 15, 204-208.	1.0	3
25	Singular values and fixed points of family of generating function of Bernoulli numbers. <i>Journal of Nonlinear Science and Applications</i> , 2015, 08, 17-22.	1.0	3
26	Chaotic Behavior in a Flexible Assembly Line of a Manufacturing System. <i>Engineering, Technology & Applied Science Research</i> , 2015, 5, 891-894.	1.9	3
27	On real fixed points of one parameter family of Function $x/(b^x-1)$. <i>Tamkang Journal of Mathematics</i> , 2015, 46, 61-65.	0.3	3
28	Title is missing!. <i>Regular and Chaotic Dynamics</i> , 2004, 9, 143.	0.8	3
29	Fractal analysis and machine-learned decision system for precision and smart farming. <i>European Physical Journal: Special Topics</i> , 2021, 230, 3955-3969.	2.6	3
30	Dynamics of a family of transcendental meromorphic functions having rational Schwarzian derivative. <i>Journal of Mathematical Analysis and Applications</i> , 2007, 326, 1356-1369.	1.0	2
31	Singular Values of Two Parameter Families $\lambda \frac{e^{\{az\}-1}}{z}$ and $\lambda \frac{e^{\{az\}-1}}{z}$. <i>Journal of Mathematics Research</i> , 2016, 8, 10.	0.1	2
32	Singular values of two-parameter families $\lambda \frac{e^{\{az\}-1}}{z}$ and $\lambda \frac{e^{\{az\}-1}}{z}$. <i>Journal of Taibah University for Science</i> , 2017, 11, 324-327.	2.5	2
33	On fixed points of one parameter family of function $x/(b^x-1)$. <i>International Journal of Mathematical Analysis</i> , 0, 8, 891-894.	0.3	2
34	Chaotic behavior in real dynamics and singular values of family of generalized generating function of Apostol-Genocchi numbers. <i>Journal of Mathematics and Computer Science</i> , 2019, 19, 41-50.	1.0	2
35	Singular Values of One Parameter Family $(\lambda \frac{(e^{\{z\}-1}}{z})^m)$. <i>International Journal of Applied Mathematical Research</i> , 2015, 4, 295-298.	0.2	1
36	Deciphering the Influence of Cigarette Smoke Carcinogens on CNS Associated Biomolecules: A Computational Synergistic Approach. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 20, 540-555.	1.4	1

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37	Singular values of one parameter family $\lambda(z/(e^z-1))^m$. International Mathematical Forum, 0, 10, 301-304.	0.1	1
38	Real fixed points and singular values of two-parameter family $\lambda \text{arac}\{z\}\{(e^z-1)^n\}$. New Trends in Mathematical Sciences, 2017, 1, 107-113.	0.2	1
39	Chaotic Oscillation of Satellite due to Aerodynamic Torque. Advances in Astronomy, 2021, 2021, 1-12.	1.1	0
40	Singular Values of a Family of Singular Perturbed Exponential Map. British Journal of Mathematics & Computer Science, 0, , 1678-1681.	0.3	0
41	SINGULAR VALUES AND FIXED POINTS OF FAMILY OF FUNCTION $z e^z/(e^z-1)$. International Journal of Applied Mathematics, 2014, 27, .	0.4	0
42	Real Dynamics of Family of Functions $\hat{\lambda} x e^{x/s} / (e^{x/s} - 1)$ for Positive $\hat{\lambda}$. Bulletin of Mathematical Sciences and Applications, 0, 8, 60-61.	0.0	0
43	Singular values of three-parameter families $\lambda (\frac{e^{az}-1}{z})^\mu$ and $\lambda (\frac{z}{e^{az}-1})^\eta$. Journal of Mathematical and Computational Science (discontinued), 0, , .	0.0	0
44	Real fixed points and singular values of family of functions arising from generating function of unified generalized Apostol-type polynomials. Journal of Nonlinear Science and Applications, 2019, 12, 602-610.	1.0	0
45	SINGULAR VALUES AND REAL FIXED POINTS OF ONE-PARAMETER FAMILIES ASSOCIATED WITH FUNDAMENTAL TRIGONOMETRIC FUNCTIONS [4pt] $\sin z$, $\cos z$ and $\tan z$. International Journal of Applied Mathematics, 2020, 33, .	0.4	0
46	Chaotic Behaviour in Two-parameter Family of Transcendental Functions Associated with Exponential Map. International Journal of Mathematical, Engineering and Management Sciences, 2020, 5, 1191-1209.	0.7	0
47	Mathematical Modeling Buckingham's Theorem and Optimization Technique on Mechanically Alloyed Nanocomposite Materials. International Journal of Engineering and Advanced Technology, 2020, 9, 1915-1921.	0.3	0