Nanjundan Magesh

List of Publications by Year
in descending order

49 papers	579 citations	759055 12 h-index	713332 21 g-index
50 all docs	50 docs citations	50 times ranked	295 citing authors

#	Article	IF	Citations
1	Numerical Modeling and Symmetry Analysis of a Pine Wilt Disease Model Using the Mittag–Leffler Kernel. Symmetry, 2022, 14, 1067.	1.1	7
2	Coefficient Estimates for Subclass of m-Fold Symmetric Bi- Univalent Functions. Kragujevac Journal of Mathematics, 2022, 46, 395-406.	0.3	4
3	Numerical simulation for fractional Jaulent–Miodek equation associated with energy-dependent Schrödinger potential using two novel techniques. Waves in Random and Complex Media, 2021, 31, 1141-1162.	1.6	15
4	Certain subclasses of bi-univalent functions defined by Chebyshev polynomials. Afrika Matematika, 2021, 32, 89-103.	0.4	0
5	Analysis and numerical simulation of novel coronavirus (COVID–19) model with Mittag–Leffler Kernel. Mathematical Methods in the Applied Sciences, 2021, 44, 1863-1877.	1.2	15
6	Certain classes of bi-univalent functions related to Shell-like curves connected with Fibonacci numbers. Afrika Matematika, 2021, 32, 185-198.	0.4	3
7	Hybrid nanofluid flow over a stretched cylinder with the impact of homogeneous–heterogeneous reactions and Cattaneo–Christov heat flux: Series solution and numerical simulation. Heat Transfer, 2021, 50, 3800-3821.	1.7	54
8	Some Properties of a Generalized Integral Operator. Communications in Mathematics and Applications, 2021, 12, 189-198.	0.1	0
9	Certain classes of bi-univalent functions associated with the Horadam polynomials. Acta Universitatis Sapientiae, Mathematica, 2021, 13, 258-272.	0.0	3
10	Solution for fractional potential KdV and Benjamin equations using the novel technique. Journal of Ocean Engineering and Science, 2021, 6, 265-275.	1.7	34
11	Correction: Fekete-Szegö problem for Bi-Bazilevič functions related to Shell-like curves. AIMS Mathematics, 2021, 6, 2722-2723.	0.7	0
12	Inclusion Relation between Various Subclasses of Harmonic Univalent Functions Associated with Wright's Generalized Hypergeometric Functions. Abstract and Applied Analysis, 2020, 2020, 1-6.	0.3	0
13	Horadam Polynomial coefficient estimates for the classes of $$\lambda $$–bi-pseudo-starlike and Bi-Bazilevič Functions. Journal of Analysis, 2020, 28, 951-960.	0.3	8
14	Certain subclasses of analytic functions associated with Mittag–Leffler-type Poisson distribution series. Boletin De La Sociedad Matematica Mexicana, 2020, 26, 1035-1043.	0.2	3
15	Initial Bounds for Certain Classes of Bi-Univalent Functions Defined by Horadam Polynomials. Abstract and Applied Analysis, 2020, 2020, 1-8.	0.3	29
16	Fekete-Szeg&#246; problem for Bi-Bazilevi&#269; functions related to Shell-like curves. AIMS Mathematics, 2020, 5, 4412-4423.	0.7	5
17	Generalized hypergeometric distribution and its applications on univalent functions. Journal of Inequalities and Applications, 2020, 2020, .	0.5	6
18	On a subclass of harmonic univalent functions defined by Ruscheweyh q-differential operator. AIP Conference Proceedings, 2019, , .	0.3	5

#	ARTICLE	IF	CITATIONS
19	Second Hankel determinant for certain class of bi-univalent functions defined by Chebyshev polynomials. Asian-European Journal of Mathematics, 2019, 12, 1950017.	0.2	5
20	Feketeâ€"SzegÃ¶ problem for a class of $$lambda $$ Î» -convex and $$mu $$ Î¼ -starlike functions associated with k-th root transformation using quasi-subordination. Afrika Matematika, 2018, 29, 775-782.	0.4	5
21	Generalized Differential Transform Method for Solving RLC Electric Circuit of Non-Integer Order. Nonlinear Engineering, 2018, 7, 127-135.	1.4	4
22	Chebyshev polynomial coefficient estimates for a class of analytic bi-univalent functions related to pseudo-starlike functions. Afrika Matematika, 2018, 29, 203-209.	0.4	29
23	Starlike and convex properties for Poisson distribution series. Studia Universitatis Babes-Bolyai Mathematica, 2018, 63, 71-78.	0.1	8
24	Fekete-SzegÃ¶ problem and Second Hankel Determinant for a class of bi-univalent functions. Tbilisi Mathematical Journal, 2018, 11, .	0.3	18
25	Certain classes of bi-univalent functions with bounded boundary variation. Tbilisi Mathematical Journal, 2017, 10, .	0.3	5
26	Coefﬁcient estimates for a class of bi-univalent functions associated with quasi-subordination. Creative Mathematics and Informatics, 2017, 26, 193-199.	0.0	3
27	Initial bounds for analytic and bi-univalent functions by means of Chebyshev polynomials. Journal of Classical Analysis, 2017, , 83-89.	0.1	10
28	Some geometric properties of an integral operator involving Bessel functions. Novi Sad Journal of Mathematics, 2017, 47, 149-156.	0.1	0
29	Bounds for the second Hankel determinant of certain bi-univalent functions. Turkish Journal of Mathematics, 2016, 40, 679-687.	0.3	43
30	Certain Subclasses of Bistarlike and Biconvex Functions Based on Quasi-Subordination. Abstract and Applied Analysis, 2016, 2016, 1-6.	0.3	13
31	Feketeâ€"SzegÃ¶ problem for certain classes of Ma-Minda bi-univalent functions. Afrika Matematika, 2016, 27, 889-897.	0.4	12
32	The Differential Transform Method as a New Computational Tool for Laplace Transforms. The National Academy of Sciences, India, 2015, 38, 157-160.	0.8	12
33	Coefficient estimate problems for certain subclasses of analytic and bi-univalent functions. Afrika Matematika, 2015, 26, 465-470.	0.4	2
34	Initial coefficient bounds for a general class of bi-univalent functions. Filomat, 2015, 29, 1259-1267.	0.2	28
35	Certain Subclasses of Bi-Starlike and Bi-Convex Functions of Complex Order. Kyungpook Mathematical Journal, 2015, 55, 705-714.	0.3	1
36	Certain Subclasses of k-Uniformly Starlike and Convex Functions of Order Î± and Type Î² with Varying Argument Coefficients. Kyungpook Mathematical Journal, 2015, 55, 383-394.	0.3	0

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37	Subordination and superordination results associated with the generalized hypergeometric function. Mathematica Slovaca, 2014, 64, .	0.3	4
38	A comparison between the reduced differential transform method and the Adomian decomposition method for the Newell–Whitehead–Segel equation. Journal of the Egyptian Mathematical Society, 2013, 21, 259-265.	0.6	55
39	Certain subclasses of uniformly convex functions of order α and type β with varying arguments. Journal of the Egyptian Mathematical Society, 2013, 21, 184-189.	0.6	6
40	Coefficient Bounds for Certain Subclasses of Bi-Univalent Function. Abstract and Applied Analysis, 2013, 2013, 1-3.	0.3	46
41	Coefficient Estimate Problem for a New Subclass of Biunivalent Functions. Journal of Complex Analysis, 2013, 2013, 1-3.	0.6	14
42	A new subclass of meromorphic function with positive and fixed second coefficients. Tamkang Journal of Mathematics, 2013, 44, 261-270.	0.3	1
43	On a Subclass of Harmonic Convex Functions of Complex Order. International Journal of Mathematics and Mathematical Sciences, 2012, 2012, 1-13.	0.3	2
44	Differential sandwich results for certain subclasses of analytic functions. Mathematical and Computer Modelling, 2011, 54, 803-814.	2.0	2
45	On certain subclasses of analytic functions associated with hypergeometric functions. Applied Mathematics Letters, 2011, 24, 494-500.	1.5	10
46	On certain subclasses of analytic functions defined by wright generalized hypergeometric functions. Lobachevskii Journal of Mathematics, 2009, 30, 57-66.	0.1	1
47	Starlike and convex functions of complex order involving the Dziok-Srivastava operator. Integral Transforms and Special Functions, 2007, 18, 419-425.	0.8	14
48	On certain applications of differential subordinations for Phi-like functions. Tamkang Journal of Mathematics, 2005, 36, 137-142.	0.3	2
49	Coefficient bounds for certain subclasses of bi-univalent functions. International Mathematical Forum, 0, 8, 1337-1344.	0.2	33