

# Nanjundan Magesh

## List of Publications by Year in descending order

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49  
papers

579  
citations

758635

12  
h-index

713013

21  
g-index

50  
all docs

50  
docs citations

50  
times ranked

295  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison between the reduced differential transform method and the Adomian decomposition method for the Newellâ€“Whiteheadâ€“Segel equation. <i>Journal of the Egyptian Mathematical Society</i> , 2013, 21, 259-265.	0.6	55
2	Hybrid nanofluid flow over a stretched cylinder with the impact of homogeneousâ€“heterogeneous reactions and Cattaneoâ€“Christov heat flux: Series solution and numerical simulation. <i>Heat Transfer</i> , 2021, 50, 3800-3821.	1.7	54
3	Coefficient Bounds for Certain Subclasses of Bi-Univalent Function. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-3.	0.3	46
4	Bounds for the second Hankel determinant of certain bi-univalent functions. <i>Turkish Journal of Mathematics</i> , 2016, 40, 679-687.	0.3	43
5	Solution for fractional potential KdV and Benjamin equations using the novel technique. <i>Journal of Ocean Engineering and Science</i> , 2021, 6, 265-275.	1.7	34
6	Coefficient bounds for certain subclasses of bi-univalent functions. <i>International Mathematical Forum</i> , 0, 8, 1337-1344.	0.2	33
7	Chebyshev polynomial coefficient estimates for a class of analytic bi-univalent functions related to pseudo-starlike functions. <i>Afrika Matematika</i> , 2018, 29, 203-209.	0.4	29
8	Initial Bounds for Certain Classes of Bi-Univalent Functions Defined by Horadam Polynomials. <i>Abstract and Applied Analysis</i> , 2020, 2020, 1-8.	0.3	29
9	Initial coefficient bounds for a general class of bi-univalent functions. <i>Filomat</i> , 2015, 29, 1259-1267.	0.2	28
10	Fekete-SzegÅ¶ problem and Second Hankel Determinant for a class of bi-univalent functions. <i>Tbilisi Mathematical Journal</i> , 2018, 11, .	0.3	18
11	Numerical simulation for fractional Jaulentâ€“Miodek equation associated with energy-dependent SchrÅ¶dinger potential using two novel techniques. <i>Waves in Random and Complex Media</i> , 2021, 31, 1141-1162.	1.6	15
12	Analysis and numerical simulation of novel coronavirus (COVIDâ€“19) model with MittagÅ¶effler Kernel. <i>Mathematical Methods in the Applied Sciences</i> , 2021, 44, 1863-1877.	1.2	15
13	Starlike and convex functions of complex order involving the Dziok-Srivastava operator. <i>Integral Transforms and Special Functions</i> , 2007, 18, 419-425.	0.8	14
14	Coefficient Estimate Problem for a New Subclass of Biunivalent Functions. <i>Journal of Complex Analysis</i> , 2013, 2013, 1-3.	0.6	14
15	Certain Subclasses of Bistarlike and Biconvex Functions Based on Quasi-Subordination. <i>Abstract and Applied Analysis</i> , 2016, 2016, 1-6.	0.3	13
16	The Differential Transform Method as a New Computational Tool for Laplace Transforms. <i>The National Academy of Sciences, India</i> , 2015, 38, 157-160.	0.8	12
17	Feketeâ€“SzegÅ¶ problem for certain classes of Ma-Minda bi-univalent functions. <i>Afrika Matematika</i> , 2016, 27, 889-897.	0.4	12
18	On certain subclasses of analytic functions associated with hypergeometric functions. <i>Applied Mathematics Letters</i> , 2011, 24, 494-500.	1.5	10

#	ARTICLE	IF	CITATIONS
19	Initial bounds for analytic and bi-univalent functions by means of Chebyshev polynomials. Journal of Classical Analysis, 2017, , 83-89.	0.1	10
20	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
21	Starlike and convex properties for Poisson distribution series. Studia Universitatis Babes-Bolyai Mathematica, 2018, 63, 71-78.	0.1	8
22	Numerical Modeling and Symmetry Analysis of a Pine Wilt Disease Model Using the Mittag-Leffler Kernel. Symmetry, 2022, 14, 1067.	1.1	7
23	Certain subclasses of uniformly convex functions of order $\alpha$ and type $\beta$ with varying arguments. Journal of the Egyptian Mathematical Society, 2013, 21, 184-189.	0.6	6
24	Generalized hypergeometric distribution and its applications on univalent functions. Journal of Inequalities and Applications, 2020, 2020, .	0.5	6
25	Certain classes of bi-univalent functions with bounded boundary variation. Tbilisi Mathematical Journal, 2017, 10, .	0.3	5
26	Fekete-Szegő problem for a class of $\lambda$ -convex and $\mu$ -starlike functions associated with k-th root transformation using quasi-subordination. Afrika Matematika, 2018, 29, 775-782.	0.4	5
27	On a subclass of harmonic univalent functions defined by Ruscheweyh q-differential operator. AIP Conference Proceedings, 2019, , .	0.3	5
28	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
29	Fekete-Szegő problem for Bi-Bazilevič functions related to Shell-like curves. AIMS Mathematics, 2020, 5, 4412-4423.	0.7	5
30	Subordination and superordination results associated with the generalized hypergeometric function. Mathematica Slovaca, 2014, 64, .	0.3	4
31	Generalized Differential Transform Method for Solving RLC Electric Circuit of Non-Integer Order. Nonlinear Engineering, 2018, 7, 127-135.	1.4	4
32	Coefficient Estimates for Subclass of m-Fold Symmetric Bi- Univalent Functions. Kragujevac Journal of Mathematics, 2022, 46, 395-406.	0.3	4
33	Certain subclasses of analytic functions associated with Mittag-Leffler-type Poisson distribution series. Boletín De La Sociedad Matemática Mexicana, 2020, 26, 1035-1043.	0.2	3
34	Certain classes of bi-univalent functions related to Shell-like curves connected with Fibonacci numbers. Afrika Matematika, 2021, 32, 185-198.	0.4	3
35	Certain classes of bi-univalent functions associated with the Horadam polynomials. Acta Universitatis Sapientiae, Mathematica, 2021, 13, 258-272.	0.0	3
36	Coefficient estimates for a class of bi-univalent functions associated with quasi-subordination. Creative Mathematics and Informatics, 2017, 26, 193-199.	0.0	3

#	ARTICLE	IF	CITATIONS
37	Differential sandwich results for certain subclasses of analytic functions. <i>Mathematical and Computer Modelling</i> , 2011, 54, 803-814.	2.0	2
38	On a Subclass of Harmonic Convex Functions of Complex Order. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2012, 2012, 1-13.	0.3	2
39	Coefficient estimate problems for certain subclasses of analytic and bi-univalent functions. <i>Afrika Matematika</i> , 2015, 26, 465-470.	0.4	2
40	On certain applications of differential subordinations for $\Phi$ -like functions. <i>Tamkang Journal of Mathematics</i> , 2005, 36, 137-142.	0.3	2
41	On certain subclasses of analytic functions defined by wright generalized hypergeometric functions. <i>Lobachevskii Journal of Mathematics</i> , 2009, 30, 57-66.	0.1	1
42	Certain Subclasses of Bi-Starlike and Bi-Convex Functions of Complex Order. <i>Kyungpook Mathematical Journal</i> , 2015, 55, 705-714.	0.3	1
43	A new subclass of meromorphic function with positive and fixed second coefficients. <i>Tamkang Journal of Mathematics</i> , 2013, 44, 261-270.	0.3	1
44	Inclusion Relation between Various Subclasses of Harmonic Univalent Functions Associated with Wright's Generalized Hypergeometric Functions. <i>Abstract and Applied Analysis</i> , 2020, 2020, 1-6.	0.3	0
45	Certain subclasses of bi-univalent functions defined by Chebyshev polynomials. <i>Afrika Matematika</i> , 2021, 32, 89-103.	0.4	0
46	Some Properties of a Generalized Integral Operator. <i>Communications in Mathematics and Applications</i> , 2021, 12, 189-198.	0.1	0
47	Certain Subclasses of $k$ -Uniformly Starlike and Convex Functions of Order $\hat{\alpha}$ and Type $\hat{\beta}^2$ with Varying Argument Coefficients. <i>Kyungpook Mathematical Journal</i> , 2015, 55, 383-394.	0.3	0
48	Some geometric properties of an integral operator involving Bessel functions. <i>Novi Sad Journal of Mathematics</i> , 2017, 47, 149-156.	0.1	0
49	Correction: Fekete-Szegő problem for Bi-Bazilevič-functions related to Shell-like curves. <i>AIMS Mathematics</i> , 2021, 6, 2722-2723.	0.7	0