V Ravichandran

List of Publications by Year
in descending order

122	2,135	304602 22	265120 42
papers	citations	h-index	g-index

122	122	122	316
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On uniformly convex functions. Annales Polonici Mathematici, 1991, 56, 87-92.	0.2	259
2	On a Subclass of Strongly Starlike Functions Associated with Exponential Function. Bulletin of the Malaysian Mathematical Sciences Society, 2015, 38, 365-386.	0.4	164
3	Coefficient estimates for bi-univalent Ma-Minda starlike and convex functions. Applied Mathematics Letters, 2012, 25, 344-351.	1.5	158
4	Radius Problems for Starlike Functions Associated with the Sine Function. Bulletin of the Iranian Mathematical Society, 2019, 45, 213-232.	0.4	139
5	Starlike functions associated with a cardioid. Afrika Matematika, 2016, 27, 923-939.	0.4	109
6	Bounds for the second Hankel determinant of certain univalent functions. Journal of Inequalities and Applications, 2013, 2013, .	0.5	103
7	Coefficient bounds for p-valent functions. Applied Mathematics and Computation, 2007, 187, 35-46.	1.4	66
8	Bound for the fifth coefficient of certain starlike functions. Comptes Rendus Mathematique, 2015, 353, 505-510.	0.1	66
9	Radii of starlikeness associated with the lemniscate of Bernoulli and the left-half plane. Applied Mathematics and Computation, 2012, 218, 6557-6565.	1.4	55
10	DIFFERENTIAL SUBORDINATION FOR FUNCTIONS ASSOCIATED WITH THE LEMNISCATE OF BERNOULLI. Taiwanese Journal of Mathematics, 2012, 16, .	0.2	50
11	A subclass of starlike functions associated with left-half of the lemniscate of Bernoulli. International Journal of Mathematics, 2014, 25, 1450090.	0.2	46
12	FEKETE-SZEGÃ– PROBLEM FOR SUBCLASSES OF STARLIKE FUNCTIONS WITH RESPECT TO SYMMETRIC POINTS. Bulletin of the Korean Mathematical Society, 2006, 43, 589-598.	0.3	37
13	Radii of Convexity and Strong Starlikeness for Some Classes of Analytic Functions. Journal of Mathematical Analysis and Applications, 1997, 211, 301-313.	0.5	33
14	Sufficient conditions for starlike functions associated with the lemniscate of Bernoulli. Journal of Inequalities and Applications, 2013, 2013, .	0.5	33
15	Sharp coefficient bounds for starlike functions associated with the Bell numbers. Mathematica Slovaca, 2019, 69, 1053-1064.	0.3	33
16	CLASSES OF MEROMORPHIC Î±-CONVEX FUNCTIONS. Taiwanese Journal of Mathematics, 2010, 14, .	0.2	32
17	Starlike functions associated with exponential function and the lemniscate of Bernoulli. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 233-253.	0.6	32
18	Starlike Functions Related to the Bell Numbers. Symmetry, 2019, 11, 219.	1.1	30

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19	Radii of starlikeness and convexity for functions with fixed second coefficient defined by subordination. Filomat, 2012, 26, 553-561.	0.2	28
20	Starlike functions associated with a lune. Asian-European Journal of Mathematics, 2017, 10, 1750064.	0.2	27
21	Subordinations for Functions with Positive Real Part. Complex Analysis and Operator Theory, 2018, 12, 1179-1191.	0.3	27
22	SUFFICIENT CONDITIONS FOR STARLIKENESS. Journal of the Korean Mathematical Society, 2015, 52, 727-749.	0.4	27
23	Radius of convexity and radius of starlikeness for some classes of analytic functions. Complex Variables and Elliptic Equations, 1997, 33, 265-280.	0.2	26
24	Sufficient Conditions for Janowski Starlikeness. International Journal of Mathematics and Mathematical Sciences, 2007, 2007, 1-7.	0.3	24
25	Fully starlike and fully convex harmonic mappings of order Î±. Annales Polonici Mathematici, 2013, 108, 85-107.	0.2	21
26	Starlikeness of integral transforms and duality. Journal of Mathematical Analysis and Applications, 2012, 385, 808-822.	0.5	20
27	Starlikeness associated with lemniscate of Bernoulli. Filomat, 2019, 33, 1937-1955.	0.2	18
28	Bohr Radius for Classes of Analytic Functions. Results in Mathematics, 2019, 74, 1.	0.4	17
29	Star-likeness associated with the exponential function. Turkish Journal of Mathematics, 2019, 43, 1353-1371.	0.3	17
30	Differential subordination and superordination of analytic functions defined by the Dziokâ€“Srivastava linear operator. Journal of the Franklin Institute, 2010, 347, 1762-1781.	1.9	16
31	Subordination and Superordination on Schwarzian Derivatives. Journal of Inequalities and Applications, 2008, 2008, 712328.	0.5	15
32	CONSTRUCTION OF SUBCLASSES OF UNIVALENT HARMONIC MAPPINGS. Journal of the Korean Mathematical Society, 2014, 51, 567-592.	0.4	15
33	A subclass of close-to-convex harmonic mappings. Complex Variables and Elliptic Equations, 2014, 59, 204-216.	0.4	13
34	Subordinations for analytic functions defined by the Dziokâ€“Srivastava linear operator. Applied Mathematics and Computation, 2007, 187, 13-19.	1.4	12
35	Generalized Zalcman conjecture for some classes of analytic functions. Journal of Mathematical Analysis and Applications, 2017, 450, 592-605.	0.5	12
36	A CLASS OF MULTIVALENT FUNCTIONS WITH NEGATIVE COEFFICIENTS DEFINED BY CONVOLUTION. Bulletin of the Korean Mathematical Society, 2006, 43, 179-188.	0.3	12

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37	Convolutions of meromorphic multivalent functions with respect to n-ply points and symmetric conjugate points. Applied Mathematics and Computation, 2011, 218, 723-728.	1.4	11
38	Janowski starlikeness for a class of analytic functions. Applied Mathematics Letters, 2011, 24, 501-505.	1.5	11
39	Univalence and convexity in one direction of the convolution of harmonic mappings. Complex Variables and Elliptic Equations, 2014, 59, 1328-1341.	0.4	11
40	Exponential Starlikeness and Convexity of Confluent Hypergeometric, Lommel, and Struve Functions. Mediterranean Journal of Mathematics, 2020, 17, 1.	0.4	11
41	Subclasses of Multivalent Starlike and Convex Functions. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2009, 16, .	0.1	11
42	On confluent hypergeometric functions and generalized Bessel functions. Analysis Mathematica, 2017, 43, 533-545.	0.2	10
43	Radius of Starlikeness for Classes of Analytic Functions. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 4469-4493.	0.4	10
44	Differential subordination and superordination of analytic functions defined by the multiplier transformation. Mathematical Inequalities and Applications, 2009, , 123-139.	0.1	10
45	Convexity of integral transforms and duality. Complex Variables and Elliptic Equations, 2013, 58, 1569-1590.	0.4	9
46	Applications of first order differential subordination for functions with positive real part. Studia Universitatis Babes-Bolyai Mathematica, 2018, 63, 303-311.	0.1	9
47	Integral operators on Maâ€“Minda type starlike and convex functions. Mathematical and Computer Modelling, 2011, 53, 581-586.	2.0	8
48	Radius of starlikeness of certain analytic functions. Mathematica Slovaca, 2021, 71, 83-104.	0.3	8
49	Third Hankel Determinant for Certain Classes of Analytic Functions. Springer Proceedings in Mathematics and Statistics, 2020, , 223-231.	0.1	8
50	On the Janowski convexity and starlikeness of the confluent hypergeometric function. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2015, 22, .	0.1	8
51	Applications of the theory of differential subordination for functions with fixed initial coefficient to univalent functions. Annales Polonici Mathematici, 2012, 105, 225-238.	0.2	8
52	Exponentiated backpropagation algorithm for multilayer feedforward neural networks. , 0, , .		7
53	RADIUS PROBLEMS FOR A CLASS OF ANALYTIC FUNCTIONS. Demonstratio Mathematica, 2006, 39, 67-74.	0.6	7
54	On Bernardi's integral operator and the Briotâ€“Bouquet differential subordination. Journal of Mathematical Analysis and Applications, 2006, 324, 663-668.	0.5	7

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55	Coefficient, distortion and growth inequalities for certain close-to-convex functions. Journal of Inequalities and Applications, 2011, 2011, .	0.5	7
56	Sharp Bounds on the Higher Order Schwarzian Derivatives for Janowski Classes. Symmetry, 2018, 10, 348.	1.1	7
57	Lemniscate convexity of generalized Bessel functions. Studia Scientiarum Mathematicarum Hungarica, 2019, 56, 404-419.	0.1	7
58	Radii of Starlikeness and Convexity of Some Entire Functions. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 4335-4359.	0.4	7
59	Certain Properties of Uniformly Convex Functions. , 1995, , .		7
60	Mapping of Discrete Cosine Transform (DCT) and Discrete Sine Transform (DST) based on Symmetries. IETE Journal of Research, 2003, 49, 35-42.	1.8	6
61	Convolution properties of the harmonic Koebe function and its connection with 2-starlike mappings. Complex Variables and Elliptic Equations, 2015, 60, 191-210.	0.4	6
62	Differential subordination and radius estimates for starlike functions associated with the Booth lemniscate. Turkish Journal of Mathematics, 2018, 42, .	0.3	6
63	Toeplitz Determinants Associated with Ma-Minda Classes of Starlike and Convex Functions. Iranian Journal of Science and Technology, Transaction A: Science, 2021, 45, 2021.	0.7	6
64	On the second hankel determinant for the kth-root transform of analytic functions. Filomat, 2017, 31, 227-245.	0.2	6
65	Subordination by convex functions. International Journal of Mathematics and Mathematical Sciences, 2006, 2006, 1-6.	0.3	5
66	Subclasses of Meromorphic Functions Associated with Convolution. Journal of Inequalities and Applications, 2009, 2009, 190291.	0.5	5
67	Radius Constants for Functions with the Prescribed Coefficient Bounds. Abstract and Applied Analysis, 2014, 2014, 1-12.	0.3	5
68	Initial Coefficients of Biunivalent Functions. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.3	5
69	Radii Problems for Normalized Bessel Functions of First Kind. Computational Methods and Function Theory, 2018, 18, 99-123.	0.8	5
70	Convolution and Convex Combination of Harmonic Mappings. Bulletin of the Iranian Mathematical Society, 2019, 45, 1467-1486.	0.4	5
71	Starlikeness of certain non-univalent functions. Analysis and Mathematical Physics, 2021, 11, 1.	0.6	5
72	Some Special Differential Subordinations. Hacettepe Journal of Mathematics and Statistics, 2018, 48, .	0.3	5

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73	Harmonic univalent functions defined by post quantum calculus operators. Acta Universitatis Sapientiae, Mathematica, 2019, 11, 5-17.	0.0	5
74	Multivalent functions with respect to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>n</mml:mi></mml:math>-ply points and symmetric conjugate points. Computers and Mathematics With Applications, 2010, 60, 2926-2935.	1.4	4
75	Radius Constants for Analytic Functions with Fixed Second Coefficient. Scientific World Journal, The, 2014, 2014, 1-6.	0.8	4
76	Radii of starlikeness and convexity of analytic functions satisfying certain coefficient inequalities. Mathematica Slovaca, 2014, 64, .	0.3	4
77	Sufficient Conditions for Strong Starlikeness. Bulletin of the Iranian Mathematical Society, 2021, 47, 1453-1475.	0.4	4
78	Subordination for Higher-Order Derivatives of Multivalent Functions. Journal of Inequalities and Applications, 2008, 2008, 830138.	0.5	3
79	Applications of theory of differential subordination of functions with fixed initial coefficient. Journal of Classical Analysis, 2016, , 113-121.	0.1	3
80	Estimates for coefficients of certain analytic functions. Filomat, 2017, 31, 3539-3552.	0.2	3
81	Some applications of differential subordination. Applied Mathematics Letters, 2007, 20, 1142-1147.	1.5	2
82	Convolution Properties of Classes of Analytic and Meromorphic Functions. Journal of Inequalities and Applications, 2010, 2010, 385728.	0.5	2
83	Subordination and Superordination for Multivalent Functions Associated with the Dziok-Srivastava Operator. Journal of Inequalities and Applications, 2011, 2011, 486595.	0.5	2
84	Closure properties of operators on the Maâ€“Minda type starlike and convex functions. Applied Mathematics and Computation, 2011, 218, 667-672.	1.4	2
85	Differential Sandwich Theorem for Multivalent Meromorphic Functions associated with the Liu-Srivastava Operator. Kyungpook Mathematical Journal, 2011, 51, 217-232.	0.3	2
86	A first-order differential double subordination with applications. Applied Mathematics Letters, 2012, 25, 268-274.	1.5	2
87	Admissible second-order differential subordinations for analytic functions with fixed initial coefficient. , 2014, , .		2
88	Estimates for Initial Coefficients of Certain Starlike Functions with Respect to Symmetric Points. Springer Proceedings in Mathematics and Statistics, 2016, , 385-395.	0.1	2
89	Radius Problems for Ratios of Janowski Starlike Functions with Their Derivatives. Bulletin of the Malaysian Mathematical Sciences Society, 2017, 40, 819-840.	0.4	2
90	A technique of constructing planar harmonic mappings and their properties. Kodai Mathematical Journal, 2017, 40, .	0.3	2

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91	Third Hankel determinant of starlike and convex functions. Journal of Analysis, 2020, 28, 45-56.	0.3	2
92	Radius of starlikeness for some classes containing non-univalent functions. Asian-European Journal of Mathematics, 2022, 15, .	0.2	2
93	Starlikeness, Convexity and Close-to-convexity of Harmonic Mappings. Trends in Mathematics, 2014, , 201-214.	0.1	2
94	On certain applications of differential subordinations for Phi-like functions. Tamkang Journal of Mathematics, 2005, 36, 137-142.	0.3	2
95	Radii of Starlikeness and Convexity for Analytic Functions with Fixed Second Coefficient Satisfying Certain Coefficient Inequalities. Kyungpook Mathematical Journal, 2015, 55, 395-410.	0.3	2
96	Starlikeness of Analytic Functions with Subordinate Ratios. Journal of Mathematics, 2021, 2021, 1-8.	0.5	2
97	Subordination by convex functions. International Journal of Mathematics and Mathematical Sciences, 2000, 24, 563-568.	0.3	1
98	Neighborhoods of Starlike and Convex Functions Associated with Parabola. Journal of Inequalities and Applications, 2008, 2008, 346279.	0.5	1
99	Zero-free approximants to derivatives of prestarlike functions. Journal of Inequalities and Applications, 2013, 2013, .	0.5	1
100	On the Largest Disc Mapped by Sum of Convex and Starlike Functions. Abstract and Applied Analysis, 2013, 2013, 1-12.	0.3	1
101	Coefficient functionals and radius problems of certain starlike functions. Asian-European Journal of Mathematics, 0, , 2250089.	0.2	1
102	Radius of starlikeness of certain analytic functions. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	0.6	1
103	Close-to-convexity and Starlikeness of Analytic Functions. Tamkang Journal of Mathematics, 2015, 46, 111-119.	0.3	1
104	Schwarzian derivative and Janowski convexity. Studia Universitatis Babes-Bolyai Mathematica, 2017, 62, 197-204.	0.1	1
105	First-Order Differential Subordinations for Janowski Starlikeness. Springer Proceedings in Mathematics and Statistics, 2020, , 185-196.	0.1	1
106	Estimates for initial coefficients of certain bi-univalent functions. Filomat, 2021, 35, 1993-2009.	0.2	1
107	Radius of LimaÃ§on starlikeness for Janowski starlike functions. Asian-European Journal of Mathematics, 0, , .	0.2	1
108	Schwarzian derivative and convexity of order $$alpha$$. Journal of Analysis, 2023, 31, 201-228.	0.3	1

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109	Sufficient conditions for starlikeness associated with parabolic region. International Journal of Mathematics and Mathematical Sciences, 2002, 32, 319-324.	0.3	0
110	Stable States and Sufficient Conditions for Correct Retrieval in the Bidirectional Associative Memory. IETE Journal of Research, 2003, 49, 55-58.	1.8	0
111	88.10 On a series considered by Srinivasa Ramanujan. Mathematical Gazette, 2004, 88, 105-110.	0.0	0
112	On differential subordinations for a class of analytic functions defined by a linear operator. International Journal of Mathematics and Mathematical Sciences, 2004, 2004, 2219-2230.	0.3	0
113	Analytic and Harmonic Univalent Functions. Abstract and Applied Analysis, 2014, 2014, 1-2.	0.3	0
114	Convex combination of analytic functions. Open Mathematics, 2017, 15, 331-339.	0.5	0
115	Directional Convexity of Harmonic Mappings. Bulletin of the Malaysian Mathematical Sciences Society, 2017, 41, 1045.	0.4	0
116	On the Product of Planar Harmonic Mappings. Computational Methods and Function Theory, 2021, 21, 427-452.	0.8	0
117	Marxâ€“StrohhÃcker theorem for multivalent functions. Afrika Matematika, 2021, 32, 1421-1434.	0.4	0
118	Differential subordination for Janowski functions with positive real part. Studia Universitatis Babes-Bolyai Mathematica, 2021, 66, 457-470.	0.1	0
119	Coefficient inequalities for starlikeness and convexity. Tamkang Journal of Mathematics, 2013, 44, 149-162.	0.3	0
120	PRODUCT AND CONVOLUTION OF CERTAIN UNIVALENT FUNCTIONS. Honam Mathematical Journal, 2016, 38, 701-724.	0.1	0
121	Boundedness of analytic functions in the unit disc using the theory of differential subordination. Asian-European Journal of Mathematics, 0, , .	0.2	0
122	The Booth Lemniscate Starlikeness Radius for Janowski Starlike Functions. Bulletin of the Malaysian Mathematical Sciences Society, 0, , .	0.4	0