V Ravichandran

List of Publications by Year
in descending order

122 papers	2,135 citations	304602 22 h-index	265120 42 g-index
122 all docs	122 docs citations	122 times ranked	316 citing authors

#	Article	IF	Citations
1	Schwarzian derivative and convexity of order $$alpha$$. Journal of Analysis, 2023, 31, 201-228.	0.3	1
2	Radius of starlikeness for some classes containing non-univalent functions. Asian-European Journal of Mathematics, 2022, 15, .	0.2	2
3	Sufficient Conditions for Strong Starlikeness. Bulletin of the Iranian Mathematical Society, 2021, 47, 1453-1475.	0.4	4
4	Radius of starlikeness of certain analytic functions. Mathematica Slovaca, 2021, 71, 83-104.	0.3	8
5	On the Product of Planar Harmonic Mappings. Computational Methods and Function Theory, 2021, 21, 427-452.	0.8	0
6	Marx–Strohhäcker theorem for multivalent functions. Afrika Matematika, 2021, 32, 1421-1434.	0.4	0
7	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
8	Starlikeness of certain non-univalent functions. Analysis and Mathematical Physics, 2021, 11, 1.	0.6	5
9	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
10	Differential subordination for Janowski functions with positive real part. Studia Universitatis Babes-Bolyai Mathematica, 2021, 66, 457-470.	0.1	0
11	Starlikeness of Analytic Functions with Subordinate Ratios. Journal of Mathematics, 2021, 2021, 1-8.	0.5	2
12	Estimates for initial coefficients of certain bi-univalent functions. Filomat, 2021, 35, 1993-2009.	0.2	1
13	Third Hankel determinant of starlike and convex functions. Journal of Analysis, 2020, 28, 45-56.	0.3	2
14	Radius of Starlikeness for Classes of Analytic Functions. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 4469-4493.	0.4	10
15	Exponential Starlikeness and Convexity of Confluent Hypergeometric, Lommel, and Struve Functions. Mediterranean Journal of Mathematics, 2020, 17, 1.	0.4	11
16	Radii of Starlikeness and Convexity of Some Entire Functions. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 4335-4359.	0.4	7
17	Third Hankel Determinant for Certain Classes of Analytic Functions. Springer Proceedings in Mathematics and Statistics, 2020, , 223-231.	0.1	8
18	First-Order Differential Subordinations for Janowski Starlikeness. Springer Proceedings in Mathematics and Statistics, 2020, , 185-196.	0.1	1

#	Article	IF	Citations
19	Radius Problems for Starlike Functions Associated with the Sine Function. Bulletin of the Iranian Mathematical Society, 2019, 45, 213-232.	0.4	139
20	Bohr Radius for Classes of Analytic Functions. Results in Mathematics, 2019, 74, 1.	0.4	17
21	Sharp coefficient bounds for starlike functions associated with the Bell numbers. Mathematica Slovaca, 2019, 69, 1053-1064.	0.3	33
22	Convolution and Convex Combination of Harmonic Mappings. Bulletin of the Iranian Mathematical Society, 2019, 45, 1467-1486.	0.4	5
23	Starlike Functions Related to the Bell Numbers. Symmetry, 2019, 11, 219.	1.1	30
24	Star-likeness associated with the exponential function. Turkish Journal of Mathematics, 2019, 43, 1353-1371.	0.3	17
25	Lemniscate convexity of generalized Bessel functions. Studia Scientiarum Mathematicarum Hungarica, 2019, 56, 404-419.	0.1	7
26	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
27	Starlikeness associated with lemniscate of Bernoulli. Filomat, 2019, 33, 1937-1955.	0.2	18
28	Harmonic univalent functions defined by post quantum calculus operators. Acta Universitatis Sapientiae, Mathematica, 2019, 11, 5-17.	0.0	5
29	Subordinations for Functions with Positive Real Part. Complex Analysis and Operator Theory, 2018, 12, 1179-1191.	0.3	27
30	Radii Problems for Normalized Bessel Functions of First Kind. Computational Methods and Function Theory, 2018, 18, 99-123.	0.8	5
31	Differential subordination and radius estimates for starlike functions associated with the Booth lemniscate. Turkish Journal of Mathematics, 2018, 42, .	0.3	6
32	Sharp Bounds on the Higher Order Schwarzian Derivatives for Janowski Classes. Symmetry, 2018, 10, 348.	1.1	7
33	Some Special Differential Subordinations. Hacettepe Journal of Mathematics and Statistics, 2018, 48, .	0.3	5
34	Applications of first order differential subordination for functions with positive real part. Studia Universitatis Babes-Bolyai Mathematica, 2018, 63, 303-311.	0.1	9
35	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
36	Generalized Zalcman conjecture for some classes of analytic functions. Journal of Mathematical Analysis and Applications, 2017, 450, 592-605.	0.5	12

#	Article	IF	Citations
37	On confluent hypergeometric functions and generalized Bessel functions. Analysis Mathematica, 2017, 43, 533-545.	0.2	10
38	Starlike functions associated with a lune. Asian-European Journal of Mathematics, 2017, 10, 1750064.	0.2	27
39	Convex combination of analytic functions. Open Mathematics, 2017, 15, 331-339.	0.5	0
40	Directional Convexity of Harmonic Mappings. Bulletin of the Malaysian Mathematical Sciences Society, 2017, 41, 1045.	0.4	0
41	A technique of constructing planar harmonic mappings and their properties. Kodai Mathematical Journal, 2017, 40, .	0.3	2
42	On the second hankel determinant for the kth-root transform of analytic functions. Filomat, 2017, 31, 227-245.	0.2	6
43	Estimates for coefficients of certain analytic functions. Filomat, 2017, 31, 3539-3552.	0.2	3
44	Schwarzian derivative and Janowski convexity. Studia Universitatis Babes-Bolyai Mathematica, 2017, 62, 197-204.	0.1	1
45	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
46	Starlike functions associated with a cardioid. Afrika Matematika, 2016, 27, 923-939.	0.4	109
47	Applications of theory of differential subordination of functions with fixed initial coefficient. Journal of Classical Analysis, 2016, , 113-121.	0.1	3
48	PRODUCT AND CONVOLUTION OF CERTAIN UNIVALENT FUNCTIONS. Honam Mathematical Journal, 2016, 38, 701-724.	0.1	0
49	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
50	Bound for the fifth coefficient of certain starlike functions. Comptes Rendus Mathematique, 2015, 353, 505-510.	0.1	66
51	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
52	On the Janowski convexity and starlikeness of the confluent hypergeometric function. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2015, 22, .	0.1	8
53	SUFFICIENT CONDITIONS FOR STARLIKENESS. Journal of the Korean Mathematical Society, 2015, 52, 727-749.	0.4	27
54	Close-to-convexity and Starlikeness of Analytic Functions. Tamkang Journal of Mathematics, 2015, 46, 111-119.	0.3	1

#	Article	IF	Citations
55	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
56	Analytic and Harmonic Univalent Functions. Abstract and Applied Analysis, 2014, 2014, 1-2.	0.3	0
57	Radius Constants for Analytic Functions with Fixed Second Coefficient. Scientific World Journal, The, 2014, 2014, 1-6.	0.8	4
58	A subclass of close-to-convex harmonic mappings. Complex Variables and Elliptic Equations, 2014, 59, 204-216.	0.4	13
59	A subclass of starlike functions associated with left-half of the lemniscate of Bernoulli. International Journal of Mathematics, 2014, 25, 1450090.	0.2	46
60	Radius Constants for Functions with the Prescribed Coefficient Bounds. Abstract and Applied Analysis, 2014, 2014, 1-12.	0.3	5
61	Initial Coefficients of Biunivalent Functions. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.3	5
62	Univalence and convexity in one direction of the convolution of harmonic mappings. Complex Variables and Elliptic Equations, 2014, 59, 1328-1341.	0.4	11
63	Radii of starlikeness and convexity of analytic functions satisfying certain coefficient inequalities. Mathematica Slovaca, 2014, 64, .	0.3	4
64	Admissible second-order differential subordinations for analytic functions with fixed initial coefficient. , 2014, , .		2
65	Starlikeness, Convexity and Close-to-convexity of Harmonic Mappings. Trends in Mathematics, 2014, , 201-214.	0.1	2
66	CONSTRUCTION OF SUBCLASSES OF UNIVALENT HARMONIC MAPPINGS. Journal of the Korean Mathematical Society, 2014, 51, 567-592.	0.4	15
67	Bounds for the second Hankel determinant of certain univalent functions. Journal of Inequalities and Applications, 2013, 2013, .	0.5	103
68	Sufficient conditions for starlike functions associated with the lemniscate of Bernoulli. Journal of Inequalities and Applications, 2013, 2013, .	0.5	33
69	Zero-free approximants to derivatives of prestarlike functions. Journal of Inequalities and Applications, 2013, 2013, .	0.5	1
70	On the Largest Disc Mapped by Sum of Convex and Starlike Functions. Abstract and Applied Analysis, 2013, 2013, 1-12.	0.3	1
71	Convexity of integral transforms and duality. Complex Variables and Elliptic Equations, 2013, 58, 1569-1590.	0.4	9
72	Fully starlike and fully convex harmonic mappings of order α. Annales Polonici Mathematici, 2013, 108, 85-107.	0.2	21

#	Article	IF	Citations
73	Coefficient inequalities for starlikeness and convexity. Tamkang Journal of Mathematics, 2013, 44, 149-162.	0.3	0
74	DIFFERENTIAL SUBORDINATION FOR FUNCTIONS ASSOCIATED WITH THE LEMNISCATE OF BERNOULLI. Taiwanese Journal of Mathematics, 2012, 16, .	0.2	50
75	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
76	A first-order differential double subordination with applications. Applied Mathematics Letters, 2012, 25, 268-274.	1.5	2
77	Coefficient estimates for bi-univalent Ma-Minda starlike and convex functions. Applied Mathematics Letters, 2012, 25, 344-351.	1.5	158
78	Starlikeness of integral transforms and duality. Journal of Mathematical Analysis and Applications, 2012, 385, 808-822.	0.5	20
79	Radii of starlikeness and convexity for functions with fixed second coefficient defined by subordination. Filomat, 2012, 26, 553-561.	0.2	28
80	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
81	Subordination and Superordination for Multivalent Functions Associated with the Dziok-Srivastava Operator. Journal of Inequalities and Applications, 2011, 2011, 486595.	0.5	2
82	Closure properties of operators on the Maâ€"Minda type starlike and convex functions. Applied Mathematics and Computation, 2011, 218, 667-672.	1.4	2
83	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
84	Integral operators on Maâ€"Minda type starlike and convex functions. Mathematical and Computer Modelling, 2011, 53, 581-586.	2.0	8
85	Coefficient, distortion and growth inequalities for certain close-to-convex functions. Journal of Inequalities and Applications, 2011, 2011, .	0.5	7
86	Janowski starlikeness for a class of analytic functions. Applied Mathematics Letters, 2011, 24, 501-505.	1.5	11
87	Differential Sandwich Theorem for Multivalent Meromorphic Functions associated with the Liu-Srivastava Operator. Kyungpook Mathematical Journal, 2011, 51, 217-232.	0.3	2
88	CLASSES OF MEROMORPHIC Î±-CONVEX FUNCTIONS. Taiwanese Journal of Mathematics, 2010, 14, .	0.2	32
89	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
90	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

#	Article	IF	Citations
91	Convolution Properties of Classes of Analytic and Meromorphic Functions. Journal of Inequalities and Applications, 2010, 2010, 385728.	0.5	2
92	Subclasses of Meromorphic Functions Associated with Convolution. Journal of Inequalities and Applications, 2009, 2009, 190291.	0.5	5
93	Subclasses of Multivalent Starlike and Convex Functions. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2009, 16, .	0.1	11
94	Differential subordination and superordination of analytic functions defined by the multiplier transformation. Mathematical Inequalities and Applications, 2009, , 123-139.	0.1	10
95	Subordination and Superordination on Schwarzian Derivatives. Journal of Inequalities and Applications, 2008, 2008, 712328.	0.5	15
96	Subordination for Higher-Order Derivatives of Multivalent Functions. Journal of Inequalities and Applications, 2008, 2008, 830138.	0.5	3
97	Neighborhoods of Starlike and Convex Functions Associated with Parabola. Journal of Inequalities and Applications, 2008, 2008, 346279.	0.5	1
98	Sufficient Conditions for Janowski Starlikeness. International Journal of Mathematics and Mathematical Sciences, 2007, 2007, 1-7.	0.3	24
99	Subordinations for analytic functions defined by the Dziok–Srivastava linear operator. Applied Mathematics and Computation, 2007, 187, 13-19.	1.4	12
100	Coefficient bounds for p-valent functions. Applied Mathematics and Computation, 2007, 187, 35-46.	1.4	66
101	Some applications of differential subordination. Applied Mathematics Letters, 2007, 20, 1142-1147.	1.5	2
102	Subordination by convex functions. International Journal of Mathematics and Mathematical Sciences, 2006, 2006, 1-6.	0.3	5
103	RADIUS PROBLEMS FOR A CLASS OF ANALYTIC FUNCTIONS. Demonstratio Mathematica, 2006, 39, 67-74.	0.6	7
104	On Bernardi's integral operator and the Briot–Bouquet differential subordination. Journal of Mathematical Analysis and Applications, 2006, 324, 663-668.	0.5	7
105	A CLASS OF MULTIVALENT FUNCTIONS WITH NEGATIVE COEFFICIENTS DEFINED BY CONVOLUTION. Bulletin of the Korean Mathematical Society, 2006, 43, 179-188.	0.3	12
106	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
107	On certain applications of differential subordinations for Phi-like functions. Tamkang Journal of Mathematics, 2005, 36, 137-142.	0.3	2
108	88.10 On a series considered by Srinivasa Ramanujan. Mathematical Gazette, 2004, 88, 105-110.	0.0	0

#	Article	IF	Citations
109	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
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	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
112	Sufficient conditions for starlikeness associated with parabolic region. International Journal of Mathematics and Mathematical Sciences, 2002, 32, 319-324.	0.3	0
113	Subordination by convex functions. International Journal of Mathematics and Mathematical Sciences, 2000, 24, 563-568.	0.3	1
114	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
115	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
116	Certain Properties of Uniformly Convex Functions. , 1995, , .		7
117	On uniformly convex functions. Annales Polonici Mathematici, 1991, 56, 87-92.	0.2	259
118	Exponentiated backpropagation algorithm for multilayer feedforward neural networks. , 0, , .		7
119	Coefficient functionals and radius problems of certain starlike functions. Asian-European Journal of Mathematics, 0, , 2250089.	0.2	1
120	Boundedness of analytic functions in the unit disc using the theory of differential subordination. Asian-European Journal of Mathematics, 0, , .	0.2	0
121	Radius of Limaçon starlikeness for Janowski starlike functions. Asian-European Journal of Mathematics, 0, , .	0.2	1
122	The Booth Lemniscate Starlikeness Radius for Janowski Starlike Functions. Bulletin of the Malaysian Mathematical Sciences Society, 0, , .	0.4	0