

# Sanjeev Singh

## List of Publications by Year in descending order

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114  
papers

1,320  
citations

430754

18  
h-index

477173

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g-index

115  
all docs

115  
docs citations

115  
times ranked

284  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bounds for the generalized Marcum function of the second kind. Ramanujan Journal, 2022, 58, 1-21.	0.4	1
2	Asymptotic and numerical aspects of the generalized Marcum function of the second kind. Applicable Analysis and Discrete Mathematics, 2022, 16, 202-217.	0.3	0
3	Approximation of Certain Non-vanishing Analytic Functions in a Parabolic Region. Results in Mathematics, 2021, 76, 1.	0.4	1
4	Functional Inequalities and Bounds for the Generalized Marcum Function of the Second Kind. Results in Mathematics, 2021, 76, 1.	0.4	0
5	Geometric and monotonic properties of hyper-Bessel functions. Ramanujan Journal, 2020, 51, 275-295.	0.4	12
6	Zeros of some special entire functions. Proceedings of the American Mathematical Society, 2018, 146, 2207-2216.	0.4	12
7	Cross-product of Bessel functions: Monotonicity patterns and functional inequalities. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2018, 128, 1.	0.2	1
8	Elementary Considerations for Classes of Meromorphic Univalent Functions. Lobachevskii Journal of Mathematics, 2018, 39, 713-716.	0.1	3
9	Coefficient problems on the class $U(\hat{\nu})$ . Problemy Analiza, 2018, 25, 87-103.	0.1	10
10	Criteria of univalence and fully $\alpha$ -accessibility for $p$ -harmonic and $p$ -analytic functions. Complex Variables and Elliptic Equations, 2017, 62, 1165-1183.	0.4	7
11	Turán type inequalities for Struve functions. Journal of Mathematical Analysis and Applications, 2017, 445, 971-984.	0.5	17
12	Circular symmetrization, subordination and arclength problems on convex functions. Mathematische Nachrichten, 2016, 289, 1044-1051.	0.4	0
13	Modified Dini functions: monotonicity patterns and functional inequalities. Acta Mathematica Hungarica, 2016, 149, 120-142.	0.3	9
14	Turán type inequalities for confluent hypergeometric functions of the second kind. Studia Scientiarum Mathematicarum Hungarica, 2016, 53, 74-92.	0.1	3
15	Generalized Zalcman conjecture for convex functions of order $\hat{\nu}$ . Acta Mathematica Hungarica, 2016, 150, 234-246.	0.3	13
16	Bounds for the product of modified Bessel functions. Aequationes Mathematicae, 2016, 90, 859-870.	0.4	6
17	On quasismmetry of quasiconformal mappings. Advances in Mathematics, 2016, 288, 1069-1096.	0.5	9
18	Turán type inequalities for general Bessel functions. Mathematical Inequalities and Applications, 2016, 7, 709-719.	0.1	0

#	ARTICLE	IF	CITATIONS
19	On the coefficient conjecture of Clunie and Sheil-Small on univalent harmonic mappings. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2015, 125, 277-290.	0.2	4
20	Integral means and Dirichlet integral for analytic functions. Mathematische Nachrichten, 2015, 288, 334-342.	0.4	9
21	Univalence Criteria and Lipschitz-Type Spaces on Pluriharmonic Mappings. Mathematica Scandinavica, 2015, 116, 171.	0.1	5
22	ONE PARAMETER FAMILY OF UNIVALENT BIHARMONIC MAPPINGS. Taiwanese Journal of Mathematics, 2014, 18, .	0.2	7
23	Univalent harmonic mappings convex in one direction. Analysis and Mathematical Physics, 2014, 4, 221-236.	0.6	8
24	Coefficient conditions for harmonic univalent mappings and hypergeometric mappings. Rocky Mountain Journal of Mathematics, 2014, 44, .	0.2	17
25	Starlikeness of sections of univalent functions. Rocky Mountain Journal of Mathematics, 2014, 44, .	0.2	4
26	Harmonic mappings in Bergman spaces. Monatshefte Fur Mathematik, 2013, 170, 325-342.	0.5	11
27	Schwarzian derivative and Landau's theorem for logharmonic mappings. Complex Variables and Elliptic Equations, 2013, 58, 1093-1107.	0.4	16
28	Variability regions for certain families of harmonic univalent mappings. Complex Variables and Elliptic Equations, 2013, 58, 23-34.	0.4	29
29	Polynomial approximation of certain biharmonic mappings. Nonlinear Analysis: Theory, Methods & Applications, 2013, 81, 149-158.	0.6	9
30	Necessary and sufficient conditions for univalent functions. Complex Variables and Elliptic Equations, 2013, 58, 611-620.	0.4	4
31	Criteria for univalent functions in the unit disk. Archiv Der Mathematik, 2013, 100, 149-157.	0.3	5
32	Coefficient characterizations and sections for some univalent functions. Siberian Mathematical Journal, 2013, 54, 679-696.	0.2	28
33	Convolutions of slanted half-plane harmonic mappings. Analysis (Germany), 2013, 33, 159-176.	0.2	11
34	LIPSCHITZ SPACES AND BOUNDED MEAN OSCILLATION OF HARMONIC MAPPINGS. Bulletin of the Australian Mathematical Society, 2013, 88, 143-157.	0.3	6
35	On some properties of solutions of the p-harmonic equation. Filomat, 2013, 27, 577-591.	0.2	4
36	Radius of univalence of certain class of analytic functions. Filomat, 2013, 27, 1085-1090.	0.2	11

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37	On a class of univalent functions. Applied Mathematics Letters, 2012, 25, 1373-1378.	1.5	3
38	Equivalent moduli of continuity, Bloch's theorem for pluriharmonic mappings in $\mathbb{B}^n$ . Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2012, 122, 583-595.	0.2	6
39	Landau's Bloch Constants for Functions in $\hat{H}^p$ -Bloch Spaces and Hardy Spaces. Complex Analysis and Operator Theory, 2012, 6, 1025-1036.	0.3	13
40	Linear functionals and the duality principle for harmonic functions. Mathematische Nachrichten, 2012, 285, 1565-1571.	0.4	1
41	Applications of subordination to functions with bounded boundary rotation. Archiv Der Mathematik, 2012, 98, 173-182.	0.3	2
42	Landau's theorem for p-harmonic mappings in several variables. Annales Polonici Mathematici, 2012, 103, 67-87.	0.2	9
43	Partial sums and the radius problem for some class of conformal mappings. Siberian Mathematical Journal, 2011, 52, 291-302.	0.2	6
44	On an extreme point conjecture for concave functions. Russian Mathematics, 2011, 55, 44-47.	0.1	0
45	Properties of Some Classes of Planar Harmonic and Planar Biharmonic Mappings. Complex Analysis and Operator Theory, 2011, 5, 901-916.	0.3	30
46	Starlikeness criteria for a certain class of analytic functions. Applied Mathematics Letters, 2011, 24, 381-386.	1.5	2
47	Bloch constant and Landau's theorem for planar p-harmonic mappings. Journal of Mathematical Analysis and Applications, 2011, 373, 102-110.	0.5	67
48	On the Fekete-Szegő problem for concave univalent functions. Journal of Mathematical Analysis and Applications, 2011, 373, 432-438.	0.5	33
49	LANDAU'S THEOREM AND MARDEN CONSTANT FOR HARMONIC $\langle i \rangle^{1/2}$ -BLOCH MAPPINGS. Bulletin of the Australian Mathematical Society, 2011, 84, 19-32.	0.3	21
50	The Quasiconvexity of Quasigeodesics in Real Normed Vector Spaces. Results in Mathematics, 2010, 57, 239-256.	0.4	0
51	A cosine inequality in the hyperbolic geometry. Applied Mathematics Letters, 2010, 23, 887-891.	1.5	8
52	John disks, the Apollonian metric, and min-max properties. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2010, 120, 83-96.	0.2	0
53	The Apollonian inner metric and uniform domains. Mathematische Nachrichten, 2010, 283, 1277-1290.	0.4	6
54	Schwarzian derivative, integral means, and the affine and linear invariant families of biharmonic mappings. Applied Mathematics and Computation, 2010, 216, 3468-3479.	1.4	1

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55	On Some Problems of James Miller. <i>Cubo</i> , 2010, 12, 15-21.	0.2	2
56	Starlikeness of the Gaussian hypergeometric functions. <i>Complex Variables and Elliptic Equations</i> , 2010, 55, 173-184.	0.4	19
57	Equivalence of the Apollonian and Its Inner Metric. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2010, 2010, 1-15.	0.3	0
58	Region of variability for certain classes of univalent functions satisfying differential inequalities. <i>Complex Variables and Elliptic Equations</i> , 2009, 54, 899-922.	0.4	10
59	Concave functions, blaschke products, and polygonal mappings. <i>Siberian Mathematical Journal</i> , 2009, 50, 609-615.	0.2	6
60	Univalence and starlikeness of nonlinear integral transform of certain class of analytic functions. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 2009, 119, 593-610.	0.2	4
61	Landau's theorem for certain biharmonic mappings. <i>Applied Mathematics and Computation</i> , 2009, 208, 427-433.	1.4	28
62	Region of variability for close-to-convex functions-II. <i>Applied Mathematics and Computation</i> , 2009, 215, 901-915.	1.4	3
63	Starlike and close-to-convex functions defined by differential inequalities. <i>Applied Mathematics and Computation</i> , 2009, 215, 2642-2648.	1.4	0
64	Region of variability for spiral-like functions with respect to a boundary point. <i>Colloquium Mathematicum</i> , 2009, 116, 31-46.	0.2	4
65	Decomposition and removability properties of John domains. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 2008, 118, 357.	0.2	4
66	Norm estimates for convolution transforms of certain classes of analytic functions. <i>Journal of Mathematical Analysis and Applications</i> , 2008, 342, 171-180.	0.5	8
67	Uniform domains, John domains and quasi-isotropic domains. <i>Journal of Mathematical Analysis and Applications</i> , 2008, 343, 110-126.	0.5	4
68	Region of variability for close-to-convex functions. <i>Complex Variables and Elliptic Equations</i> , 2008, 53, 709-716.	0.4	10
69	Integral transforms of a class of analytic functions. <i>Complex Variables and Elliptic Equations</i> , 2008, 53, 423-434.	0.4	13
70	Norm estimates for the Bernardi integral transforms of functions defined by subordination. <i>Hiroshima Mathematical Journal</i> , 2008, 38, .	0.1	4
71	Coefficient inequalities for concave and meromorphically starlike univalent functions. <i>Annales Polonici Mathematici</i> , 2008, 93, 177-186.	0.2	7
72	Convexity of integral transforms and function spaces. <i>Integral Transforms and Special Functions</i> , 2007, 18, 1-14.	0.8	8

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73	Region of variability of two subclasses of univalent functions. Journal of Mathematical Analysis and Applications, 2007, 332, 1323-1334.	0.5	29
74	On extremal problems related to integral transforms of a class of analytic functions. Journal of Mathematical Analysis and Applications, 2007, 336, 542-555.	0.5	6
75	Univalence and starlikeness of certain transforms defined by convolution of analytic functions. Journal of Mathematical Analysis and Applications, 2007, 336, 758-767.	0.5	28
76	Sufficient conditions for starlike and convex functions. Annales Polonici Mathematici, 2007, 90, 277-288.	0.2	0
77	Univalence of weighted integral transforms of certain functions. Journal of Computational and Applied Mathematics, 2006, 193, 638-651.	1.1	12
78	Growth of entire functions of exponential type defined by convolution. Archiv Der Mathematik, 2006, 87, 330-342.	0.3	3
79	Differential Inequalities and Criteria for Starlike and Univalent Functions. Rocky Mountain Journal of Mathematics, 2006, 36, .	0.2	3
80	Study of some subclasses of univalent functions and their radius properties. Kodai Mathematical Journal, 2006, 29, .	0.3	7
81	Polynomial series expansions for confluent and Gaussian hypergeometric functions. Mathematics of Computation, 2005, 74, 1937-1953.	1.1	3
82	Norm estimates for the Alexander transforms of convex functions of order alpha. Journal of Mathematical Analysis and Applications, 2005, 303, 661-668.	0.5	12
83	Boundedness of generalized Cesàro averaging operators on certain function spaces. Journal of Computational and Applied Mathematics, 2005, 180, 333-344.	1.1	10
84	Radius properties for subclasses of univalent functions. Analysis (Germany), 2005, 25, .	0.2	6
85	Geometric properties of certain linear integral transforms. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2005, 12, .	0.1	6
86	Geometric properties of nonlinear integral transforms of certain analytic functions. Proceedings of the Japan Academy Series A: Mathematical Sciences, 2004, 80, 57.	0.3	6
87	TWO PARAMETER FAMILIES OF CLOSE-TO-CONVEX FUNCTIONS AND CONVOLUTION THEOREMS. Analysis (Germany), 2004, 24, .	0.2	1
88	Starlikeness and convexity of an integral transform. Integral Transforms and Special Functions, 2004, 15, 267-280.	0.8	10
89	Duality techniques for certain integral transforms to be starlike. Journal of Mathematical Analysis and Applications, 2004, 293, 355-373.	0.5	15
90	Mapping properties of nonlinear integral operators and pre-Schwarzian derivatives. Journal of Mathematical Analysis and Applications, 2004, 299, 433-447.	0.5	25

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91	Univalent functions with missing Taylor coefficients. Hokkaido Mathematical Journal, 2004, 33, .	0.2	5
92	Convolution Transform for Boehmians. Rocky Mountain Journal of Mathematics, 2003, 33, 1353.	0.2	3
93	On the univalence of an integral on a subclass of meromorphic convex univalent functions. Hokkaido Mathematical Journal, 2003, 32, .	0.2	2
94	UNIValENCY, STARLIKENESS AND CONVEXITY APPLIED TO CERTAIN CLASSES OF RATIONAL FUNCTIONS. Analysis (Germany), 2002, 22, .	0.2	20
95	DUALITY FOR HADAMARD PRODUCTS APPLIED TO FUNCTIONS SATISFYING CERTAIN DIFFERENTIAL INEQUALITIES. Analysis (Germany), 2002, 22, .	0.2	1
96	On hypergeometric functions and function spaces. Journal of Computational and Applied Mathematics, 2002, 139, 299-322.	1.1	32
97	Elliott's identity and hypergeometric functions. Journal of Mathematical Analysis and Applications, 2002, 271, 232-256.	0.5	10
98	On the class of univalent functions starlike with respect to N-symmetric points. Hokkaido Mathematical Journal, 2002, 31, .	0.2	2
99	Criteria for univalent, starlike and convex functions. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2002, 9, .	0.1	6
100	Univalence and Convexity Properties for Gaussian Hypergeometric Functions. Rocky Mountain Journal of Mathematics, 2001, 31, 327.	0.2	74
101	Geometric properties for convolutions of hypergeometric functions and functions with the derivative in a halfplane. Integral Transforms and Special Functions, 1999, 8, 121-138.	0.8	20
102	Integral transforms of functions with the derivative in a halfplane. Israel Journal of Mathematics, 1999, 114, 177-188.	0.4	11
103	Functional Inequalities for the Quotients of Hypergeometric Functions. Journal of Mathematical Analysis and Applications, 1998, 218, 256-268.	0.5	35
104	Convolution properties of some classes of analytic functions. Journal of Mathematical Sciences, 1998, 89, 1008-1020.	0.1	9
105	On Ramanujan asymptotic expansions and inequalities for hypergeometric functions. Proceedings of the Indian Academy of Sciences - Section A, 1998, 108, 95-108.	0.2	5
106	Close-to-convexity properties of Gaussian hypergeometric functions. Journal of Computational and Applied Mathematics, 1998, 88, 327-337.	1.1	33
107	Hypergeometric transforms of functions with derivative in a half plane. Journal of Computational and Applied Mathematics, 1998, 96, 35-49.	1.1	13
108	Inclusion Theorems for Convolution Product of Second Order Polylogarithms and Functions with the Derivative in a Halfplane. Rocky Mountain Journal of Mathematics, 1998, 28, 695.	0.2	27

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109	Asymptotic expansions and inequalities for hypergeometric function. <i>Mathematika</i> , 1997, 44, 278-301.	0.3	129
110	Differential sobordination and Bazilevič functions. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 1995, 105, 169-186.	0.2	23
111	Pólya-Schoenberg Conjecture for Carathéodory Functions. <i>Journal of the London Mathematical Society</i> , 1995, 51, 93-104.	0.5	22
112	Differential subordinations concerning starlike functions. <i>Proceedings of the Indian Academy of Sciences - Section A</i> , 1994, 104, 397.	0.2	11
113	Convolution properties of some classes of meromorphic univalent functions. <i>Proceedings of the Indian Academy of Sciences - Section A</i> , 1993, 103, 73-89.	0.2	4
114	A Proof of Hall's Conjecture on Starlike Mappings. <i>Journal of the London Mathematical Society</i> , 1993, s2-48, 278-288.	0.5	2