Sanjeev Singh

List of Publications by Year
in descending order

114 papers	1,320 citations	430754 18 h-index	477173 29 g-index
115 all docs	115 docs citations	115 times ranked	284 citing authors

#	ARTICLE	IF	CITATIONS
1	Asymptotic expansions and inequalities for hypergeometric function. Mathematika, 1997, 44, 278-301.	0.3	129
2	Univalence and Convexity Properties for Gaussian Hypergeometric Functions. Rocky Mountain Journal of Mathematics, 2001, 31, 327.	0.2	74
3	Bloch constant and Landau's theorem for planar p-harmonic mappings. Journal of Mathematical Analysis and Applications, 2011, 373, 102-110.	0.5	67
4	Functional Inequalities for the Quotients of Hypergeometric Functions. Journal of Mathematical Analysis and Applications, 1998, 218, 256-268.	0.5	35
5	Close-to-convexity properties of Gaussian hypergeometric functions. Journal of Computational and Applied Mathematics, 1998, 88, 327-337.	1.1	33
6	On the Fekete–Szegő problem for concave univalent functions. Journal of Mathematical Analysis and Applications, 2011, 373, 432-438.	0.5	33
7	On hypergeometric functions and function spaces. Journal of Computational and Applied Mathematics, 2002, 139, 299-322.	1.1	32
8	Properties of Some Classes of Planar Harmonic and Planar Biharmonic Mappings. Complex Analysis and Operator Theory, 2011, 5, 901-916.	0.3	30
9	Region of variability of two subclasses of univalent functions. Journal of Mathematical Analysis and Applications, 2007, 332, 1323-1334.	0.5	29
10	Variability regions for certain families of harmonic univalent mappings. Complex Variables and Elliptic Equations, 2013, 58, 23-34.	0.4	29
11	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
12	Landau's theorem for certain biharmonic mappings. Applied Mathematics and Computation, 2009, 208, 427-433.	1.4	28
13	Coefficient characterizations and sections for some univalent functions. Siberian Mathematical Journal, 2013, 54, 679-696.	0.2	28
14	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
15	Mapping properties of nonlinear integral operators and pre-Schwarzian derivatives. Journal of Mathematical Analysis and Applications, 2004, 299, 433-447.	0.5	25
16	Differential sobordination and Bazilevič functions. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 1995, 105, 169-186.	0.2	23
17	Pólya-Schoenberg Conjecture for Carathéodory Functions. Journal of the London Mathematical Society, 1995, 51, 93-104.	0.5	22
18	LANDAU'S THEOREM AND MARDEN CONSTANT FOR HARMONIC $\frac{1}{2}$-BLOCH MAPPINGS. Bulletin of the Australian Mathematical Society, 2011, 84, 19-32.	0.3	21

#	Article	IF	Citations
19	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
20	UNIVALENCY, STARLIKENESS AND CONVEXITY APPLIED TO CERTAIN CLASSES OF RATIONAL FUNCTIONS. Analysis (Germany), 2002, 22, .	0.2	20
21	Starlikeness of the Gaussian hypergeometric functions. Complex Variables and Elliptic Equations, 2010, 55, 173-184.	0.4	19
22	Coefficient conditions for harmonic univalent mappings and hypergeometric mappings. Rocky Mountain Journal of Mathematics, 2014, 44, .	0.2	17
23	TurÃ¡n type inequalities for Struve functions. Journal of Mathematical Analysis and Applications, 2017, 445, 971-984.	0.5	17
24	Schwarzian derivative and Landau's theorem for logharmonic mappings. Complex Variables and Elliptic Equations, 2013, 58, 1093-1107.	0.4	16
25	Duality techniques for certain integral transforms toÂbe starlike. Journal of Mathematical Analysis and Applications, 2004, 293, 355-373.	0.5	15
26	Hypergeometric transforms of functions with derivative in a half plane. Journal of Computational and Applied Mathematics, 1998, 96, 35-49.	1.1	13
27	Integral transforms of a class of analytic functionsÂ§. Complex Variables and Elliptic Equations, 2008, 53, 423-434.	0.4	13
28	Landauâ€"Bloch Constants for Functions in Î±-Bloch Spaces and Hardy Spaces. Complex Analysis and Operator Theory, 2012, 6, 1025-1036.	0.3	13
29	Generalized Zalcman conjecture for convex functions of order Î±. Acta Mathematica Hungarica, 2016, 150, 234-246.	0.3	13
30	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
31	Univalency of weighted integral transforms of certain functions. Journal of Computational and Applied Mathematics, 2006, 193, 638-651.	1.1	12
32	Zeros of some special entire functions. Proceedings of the American Mathematical Society, 2018, 146, 2207-2216.	0.4	12
33	Geometric and monotonic properties of hyper-Bessel functions. Ramanujan Journal, 2020, 51, 275-295.	0.4	12
34	Differential subordinations concerning starlike functions. Proceedings of the Indian Academy of Sciences - Section A, 1994, 104, 397.	0.2	11
35	Integral transforms of functions with the derivative in a halfplane. Israel Journal of Mathematics, 1999, 114, 177-188.	0.4	11
36	Harmonic mappings in Bergman spaces. Monatshefte Fur Mathematik, 2013, 170, 325-342.	0.5	11

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37	Convolutions of slanted half-plane harmonic mappings. Analysis (Germany), 2013, 33, 159-176.	0.2	11
38	Radius of univalence of certain class of analytic functions. Filomat, 2013, 27, 1085-1090.	0.2	11
39	Elliott's identity and hypergeometric functions. Journal of Mathematical Analysis and Applications, 2002, 271, 232-256.	0.5	10
40	Starlikeness and convexity of an integral transformisntegral transform. Integral Transforms and Special Functions, 2004, 15, 267-280.	0.8	10
41	Boundedness of generalized CesÃ¡ro averaging operators on certain function spaces. Journal of Computational and Applied Mathematics, 2005, 180, 333-344.	1.1	10
42	Region of variability for close-to-convex functions. Complex Variables and Elliptic Equations, 2008, 53, 709-716.	0.4	10
43	Region of variability for certain classes of univalent functions satisfying differential inequalitiesâ€. Complex Variables and Elliptic Equations, 2009, 54, 899-922.	0.4	10
44	Coefficient problems on the class U(Î»). Problemy Analiza, 2018, 25, 87-103.	0.1	10
45	Convolution properties of some classes of analytic functions. Journal of Mathematical Sciences, 1998, 89, 1008-1020.	0.1	9
46	Polynomial approximation of certain biharmonic mappings. Nonlinear Analysis: Theory, Methods & Applications, 2013, 81, 149-158.	0.6	9
47	Integral means and Dirichlet integral for analytic functions. Mathematische Nachrichten, 2015, 288, 334-342.	0.4	9
48	Modified Dini functions: monotonicity patterns and functional inequalities. Acta Mathematica Hungarica, 2016, 149, 120-142.	0.3	9
49	On quasisymmetry of quasiconformal mappings. Advances in Mathematics, 2016, 288, 1069-1096.	0.5	9
50	Landau's theorem for p-harmonic mappings in several variables. Annales Polonici Mathematici, 2012, 103, 67-87.	0.2	9
51	Convexity of integral transforms and function spaces. Integral Transforms and Special Functions, 2007, 18, 1-14.	0.8	8
52	Norm estimates for convolution transforms of certain classes of analytic functions. Journal of Mathematical Analysis and Applications, 2008, 342, 171-180.	0.5	8
53	A cosine inequality in the hyperbolic geometry. Applied Mathematics Letters, 2010, 23, 887-891.	1.5	8
54	Univalent harmonic mappings convex in one direction. Analysis and Mathematical Physics, 2014, 4, 221-236.	0.6	8

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55	ONE PARAMETER FAMILY OF UNIVALENT BIHARMONIC MAPPINGS. Taiwanese Journal of Mathematics, 2014, 18, .	0.2	7
56	Criteria of univalence and fully â€"accessibility for<i>p</i>â€"harmonic and<i>p</i>â€"analytic functions. Complex Variables and Elliptic Equations, 2017, 62, 1165-1183.	0.4	7
57	Study of some subclasses of univalent functions and their radius properties. Kodai Mathematical Journal, 2006, 29, .	0.3	7
58	Coefficient inequalities for concave and meromorphically starlike univalent functions. Annales Polonici Mathematici, 2008, 93, 177-186.	0.2	7
59	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
60	Radius properties for subclasses of univalent functions. Analysis (Germany), 2005, 25, .	0.2	6
61	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
62	Concave functions, blaschke products, and polygonal mappings. Siberian Mathematical Journal, 2009, 50, 609-615.	0.2	6
63	The Apollonian inner metric and uniform domains. Mathematische Nachrichten, 2010, 283, 1277-1290.	0.4	6
64	Partial sums and the radius problem for some class of conformal mappings. Siberian Mathematical Journal, 2011, 52, 291-302.	0.2	6
65	Equivalent moduli of continuity, Blochâ€™s theorem for pluriharmonic mappings in $mathbb{B}{kern-8pt}mathbb{B}^{oldsymbol n}$. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2012, 122, 583-595.	0.2	6
66	LIPSCHITZ SPACES AND BOUNDED MEAN OSCILLATION OF HARMONIC MAPPINGS. Bulletin of the Australian Mathematical Society, 2013, 88, 143-157.	0.3	6
67	Bounds for the product of modified Bessel functions. Aequationes Mathematicae, 2016, 90, 859-870.	0.4	6
68	Criteria for univalent, starlike and convex functions. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2002, 9, .	0.1	6
69	Geometric properties of certain linear integral transforms. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2005, 12, .	0.1	6
70	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
71	Criteria for univalent functions in the unit disk. Archiv Der Mathematik, 2013, 100, 149-157.	0.3	5
72	Univalent functions with missing Taylor coefficients. Hokkaido Mathematical Journal, 2004, 33, .	0.2	5

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73	Univalence Criteria and Lipschitz-Type Spaces on Pluriharmonic Mappings. Mathematica Scandinavica, 2015, 116, 171.	0.1	5
74	Convolution properties of some classes of meromorphic univalent functions. Proceedings of the Indian Academy of Sciences - Section A, 1993, 103, 73-89.	0.2	4
75	Decomposition and removability properties of John domains. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2008, 118, 357.	0.2	4
76	Uniform domains, John domains and quasi-isotropic domains. Journal of Mathematical Analysis and Applications, 2008, 343, 110-126.	0.5	4
77	Univalence and starlikeness of nonlinear integral transform of certain class of analytic functions. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2009, 119, 593-610.	0.2	4
78	Necessary and sufficient conditions for univalent functions. Complex Variables and Elliptic Equations, 2013, 58, 611-620.	0.4	4
79	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
80	Starlikeness of sections of univalent functions. Rocky Mountain Journal of Mathematics, 2014, 44, .	0.2	4
81	On some properties of solutions of the p-harmonic equation. Filomat, 2013, 27, 577-591.	0.2	4
82	Norm estimates for the Bernardi integral transforms of functions defined by subordination. Hiroshima Mathematical Journal, 2008, 38, .	0.1	4
83	Region of variability for spiral-like functions with respect to a boundary point. Colloquium Mathematicum, 2009, 116, 31-46.	0.2	4
84	Convolution Transform for Boehmians. Rocky Mountain Journal of Mathematics, 2003, 33, 1353.	0.2	3
85	Polynomial series expansions for confluent and Gaussian hypergeometric functions. Mathematics of Computation, 2005, 74, 1937-1953.	1.1	3
86	Growth of entire functions of exponential type defined by convolution. Archiv Der Mathematik, 2006, 87, 330-342.	0.3	3
87	Region of variability for close-to-convex functions-II. Applied Mathematics and Computation, 2009, 215, 901-915.	1.4	3
88	On a class of univalent functions. Applied Mathematics Letters, 2012, 25, 1373-1378.	1.5	3
89	TurÃ¡n type inequalities for confluent hypergeometric functions of the second kind. Studia Scientiarum Mathematicarum Hungarica, 2016, 53, 74-92.	0.1	3
90	Elementary Considerations for Classes of Meromorphic Univalent Functions. Lobachevskii Journal of Mathematics, 2018, 39, 713-716.	0.1	3

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91	Differential Inequalities and Criteria for Starlike and Univalent Functions. Rocky Mountain Journal of Mathematics, 2006, 36, .	0.2	3
92	A Proof of Hall's Conjecture on Starlike Mappings. Journal of the London Mathematical Society, 1993, s2-48, 278-288.	0.5	2
93	On Some Problems of James Miller. Cubo, 2010, 12, 15-21.	0.2	2
94	Starlikeness criteria for a certain class of analytic functions. Applied Mathematics Letters, 2011, 24, 381-386.	1.5	2
95	Applications of subordination to functions with bounded boundary rotation. Archiv Der Mathematik, 2012, 98, 173-182.	0.3	2
96	On the univalence of an integral on a subclass of meromorphic convex univalent functions. Hokkaido Mathematical Journal, 2003, 32, .	0.2	2
97	On the class of univalent functions starlike with respect to N-symmetric points. Hokkaido Mathematical Journal, 2002, 31, .	0.2	2
98	DUALITY FOR HADAMARD PRODUCTS APPLIED TO FUNCTIONS SATISFYING CERTAIN DIFFERENTIAL INEQUALITIES. Analysis (Germany), 2002, 22, .	0.2	1
99	TWO PARAMETER FAMILIES OF CLOSE-TO-CONVEX FUNCTIONS AND CONVOLUTION THEOREMS. Analysis (Germany), 2004, 24, .	0.2	1
100	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
101	Linear functionals and the duality principle for harmonic functions. Mathematische Nachrichten, 2012, 285, 1565-1571.	0.4	1
102	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
103	Bounds for the generalized Marcum function of the second kind. Ramanujan Journal, 2022, 58, 1-21.	0.4	1
104	Approximation of Certain Non-vanishing Analytic Functions in a Parabolic Region. Results in Mathematics, 2021, 76, 1.	0.4	1
105	Starlike and close-to-convex functions defined by differential inequalities. Applied Mathematics and Computation, 2009, 215, 2642-2648.	1.4	0
106	The Quasiconvexity of Quasigeodesics in Real Normed Vector Spaces. Results in Mathematics, 2010, 57, 239-256.	0.4	0
107	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
108	Equivalence of the Apollonian and Its Inner Metric. International Journal of Mathematics and Mathematical Sciences, 2010, 2010, 1-15.	0.3	0

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109	On an extreme point conjecture for concave functions. Russian Mathematics, 2011, 55, 44-47.	0.1	0
110	Circular symmetrization, subordination and arclength problems on convex functions. Mathematische Nachrichten, 2016, 289, 1044-1051.	0.4	0
111	Functional Inequalities and Bounds for the Generalized Marcum Function of the Second Kind. Results in Mathematics, 2021, 76, 1.	0.4	0
112	Sufficient conditions for starlike and convex functions. Annales Polonici Mathematici, 2007, 90, 277-288.	0.2	0
113	TurÃ¡n type inequalities for general Bessel functions. Mathematical Inequalities and Applications, 2016, , 709-719.	0.1	0
114	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