

# Basem Aref Frasin

## List of Publications by Year in descending order

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times ranked

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| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | New subclasses of bi-univalent functions. <i>Applied Mathematics Letters</i> , 2011, 24, 1569-1573.  | 1.5 | 247       |
| 2  | Neighborhoods of certain multivalent functions with negative coefficients. <i>Applied Mathematics and Computation</i> , 2007, 193, 1-6.  | 1.4 | 43        |
| 3  | Fekete-Szegő inequality for analytic and bi-univalent functions subordinate to Chebyshev polynomials. <i>Filomat</i> , 2018, 32, 3229-3236.  | 0.2 | 35        |
| 4  | Univalence of integral operators involving Bessel functions. <i>Applied Mathematics Letters</i> , 2010, 23, 371-376.   | 1.5 | 32        |
| 5  | On certain analytic univalent functions. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2001, 25, 305-310.  | 0.3 | 29        |
| 6  | Univalence of Integral Operators Involving Mittag-Leffler Functions. <i>Applied Mathematics and Information Sciences</i> , 2017, 11, 635-641.  | 0.7 | 28        |
| 7  | Exploiting the Pascal Distribution Series and Gegenbauer Polynomials to Construct and Study a New Subclass of Analytic Bi-Univalent Functions. <i>Symmetry</i> , 2022, 14, 147.                                | 1.1 | 26        |
| 8  | Necessary and sufficient conditions for hypergeometric functions to be in a subclass of analytic functions. <i>Afrika Matematika</i> , 2019, 30, 223-230.  | 0.4 | 25        |
| 9  | Some special families of holomorphic and Al-Oboudi type bi-univalent functions related to $k$ -Fibonacci numbers involving modified Sigmoid activation function. <i>Afrika Matematika</i> , 2021, 32, 631-643. | 0.4 | 24        |
| 10 | Generalization of partial sums of certain analytic and univalent functions. <i>Applied Mathematics Letters</i> , 2008, 21, 735-741.  | 1.5 | 22        |
| 11 | Subclasses of Bi-Univalent Functions Defined by Frasin Differential Operator. <i>Mathematics</i> , 2020, 8, 783.   | 1.1 | 22        |
| 12 | Bi-Bazilevič functions of order $\theta + \delta$ associated with $(p, q)$ -Lucas polynomials. <i>AIMS Mathematics</i> , 2021, 6, 4296-4305.   | 0.7 | 22        |
| 13 | On $q$ -analogue of meromorphic multivalent functions in lemniscate of Bernoulli domain. <i>AIMS Mathematics</i> , 2021, 6, 3037-3052.   | 0.7 | 20        |
| 14 | An Avant-Garde Construction for Subclasses of Analytic Bi-Univalent Functions. <i>Axioms</i> , 2022, 11, 267.  | 0.9 | 19        |
| 15 | Order of convexity and univalence of general integral operator. <i>Journal of the Franklin Institute</i> , 2011, 348, 1013-1019.   | 1.9 | 17        |
| 16 | A new differential operator of analytic functions involving binomial series. <i>Boletim Da Sociedade Paranaense De Matematica</i> , 2019, 38, 205-213.   | 0.4 | 17        |
| 17 | An Application of Miller-Ross-Type Poisson Distribution on Certain Subclasses of Bi-Univalent Functions Subordinate to Gegenbauer Polynomials. <i>Mathematics</i> , 2022, 10, 2462.                            | 1.1 | 17        |
| 18 | Convexity of integral operators of $p$ -valent functions. <i>Mathematical and Computer Modelling</i> , 2010, 51, 601-605.  | 2.0 | 16        |

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|----|--|-----|-----------|
| 19 | Fekete-Szegő Inequality for Analytic and Biunivalent Functions Subordinate to Gegenbauer Polynomials. <i>Journal of Function Spaces</i> , 2021, 2021, 1-7.   | 0.4 | 16        |
| 20 | Some properties of a linear operator involving generalized Mittag-Leffler function. <i>Studia Universitatis Babes-Bolyai Mathematica</i> , 2020, 65, 67-75.  | 0.1 | 15        |
| 21 | Subclass of analytic functions associated with Poisson distribution series. <i>Afrika Matematika</i> , 2020, 31, 1167-1173.  | 0.4 | 13        |
| 22 | On certain subclasses of analytic functions associated with Poisson distribution series. <i>Acta Universitatis Sapientiae, Mathematica</i> , 2019, 11, 78-86.  | 0.0 | 13        |
| 23 | Application of Chebyshev polynomials to certain class of bi-Bazilevič-functions of order $\alpha + i\eta$ . <i>Afrika Matematika</i> , 2021, 32, 1059-1066.  | 0.4 | 12        |
| 24 | An application of Mittag-Leffler-type Poisson distribution on certain subclasses of analytic functions associated with conic domains. <i>Heliyon</i> , 2021, 7, e08109.  | 1.4 | 11        |
| 25 | ON SANDWICH THEOREMS FOR CERTAIN SUBCLASSES OF ANALYTIC FUNCTIONS INVOLVING CARLSON-SHAFFER OPERATOR. <i>Journal of the Korean Mathematical Society</i> , 2008, 45, 611-620.   | 0.4 | 11        |
| 26 | Fekete-Szegő Functional Problem for a Special Family of m-Fold Symmetric Bi-Univalent Functions. <i>Mathematics</i> , 2022, 10, 1165.  | 1.1 | 11        |
| 27 | Application of generalized Bessel functions to classes of analytic functions. <i>Afrika Matematika</i> , 2021, 32, 431-439.  | 0.4 | 10        |
| 28 | On the Fekete-Szegő problem. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2000, 24, 577-581.  | 0.3 | 9         |
| 29 | Coefficients estimates for certain classes of analytic functions of complex order. <i>Afrika Matematika</i> , 2018, 29, 1265-1271.   | 0.4 | 9         |
| 30 | A Comprehensive Family of Biunivalent Functions Defined by $k$ -Fibonacci Numbers. <i>Journal of Function Spaces</i> , 2021, 2021, 1-7.  | 0.4 | 9         |
| 31 | A Special Family of m-Fold Symmetric Bi-Univalent Functions Satisfying Subordination Condition. <i>Fractal and Fractional</i> , 2022, 6, 271.  | 1.6 | 9         |
| 32 | On Subclasses of Uniformly Spiral-like Functions Associated with Generalized Bessel Functions. <i>Journal of Function Spaces</i> , 2019, 2019, 1-6.  | 0.4 | 7         |
| 33 | Fekete-Szegő inequality for bi-univalent functions by means of Horadam polynomials. <i>Boletin De La Sociedad Matematica Mexicana</i> , 2021, 27, 1.   | 0.2 | 7         |
| 34 | Fekete-Szegő Inequality for Bi-Univalent Functions Subordinate to Horadam Polynomials. <i>Journal of Function Spaces</i> , 2022, 2022, 1-7.  | 0.4 | 7         |
| 35 | Coefficient bounds for Al-Oboudi type bi-univalent functions connected with a modified sigmoid activation function and $k$ -Fibonacci numbers. <i>Journal of Mathematics and Computer Science</i> , 2022, 27, 105-117. | 0.5 | 7         |
| 36 | Subclasses of analytic functions associated with Pascal distribution series. <i>Advances in the Theory of Nonlinear Analysis and Its Applications</i> , 0, , 92-99.  | 0.3 | 6         |

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|----|---|-----|-----------|
| 37 | Quasi-Hadamard product of a generalized class of analytic and univalent functions. Applied Mathematics Letters, 2010, 23, 347-350.  | 1.5 | 5         |
| 38 | New general integral operator. Computers and Mathematics With Applications, 2011, 62, 4272-4276.  | 1.4 | 5         |
| 39 | Fekete's Szegő problem for certain classes of analytic functions of complex order defined by the Dziok's Srivastava operator. Acta Mathematica Vietnamica, 2014, 39, 185-192.                       | 0.2 | 5         |
| 40 | A few results on generalized Janowski type functions associated with $(j, k)$ -symmetrical functions. Acta Universitatis Sapientiae, Mathematica, 2016, 8, 195-205.                                 | 0.0 | 5         |
| 41 | A subordination results for a class of analytic functions defined by $q$ -differential operator. Annales Universitatis Paedagogicae Cracoviensis: Studia Mathematica, 2020, 19, 53-64.              | 0.6 | 5         |
| 42 | Strong Differential Sandwich Results for Frasin Operator. Earthline Journal of Mathematical Sciences, 0, , 95-104.  | 1.0 | 5         |
| 43 | New subclasses of analytic functions. Journal of Inequalities and Applications, 2012, 2012, .   | 0.5 | 4         |
| 44 | New subclass of analytic functions defined by $q$ -analogue of $p$ -valent Noor integral operator. AIMS Mathematics, 2021, 6, 10466-10484.  | 0.7 | 4         |
| 45 | Uniformly convex spiral functions and uniformly spirallike functions associated with Pascal distribution series. , 0, , 1-11.   |     | 4         |
| 46 | Comprehensive family of uniformly analytic functions. Tamkang Journal of Mathematics, 2005, 36, 243-254.  | 0.3 | 4         |
| 47 | Subclass of Analytic Functions Related with Pascal Distribution Series. Journal of Mathematics, 2022, 2022, 1-5.  | 0.5 | 4         |
| 48 | A note on starlike functions associated with symmetric points. Afrika Matematika, 2018, 29, 945-953.  | 0.4 | 3         |
| 49 | Pascal distribution series for subclasses of analytic functions associated with conic domains. Afrika Matematika, 2021, 32, 105-113.  | 0.4 | 3         |
| 50 | Subclass of analytic functions defined by $q$ -derivative operator associated with Pascal distribution series. AIMS Mathematics, 2021, 6, 5008-5019.  | 0.7 | 3         |
| 51 | Integral Operator of Analytic Functions with Positive Real Part. Kyungpook Mathematical Journal, 2011, 51, 77-85.   | 0.3 | 2         |
| 52 | On Janowski Analytic $p, q$ -Starlike Functions in Symmetric Circular Domain. Journal of Function Spaces, 2020, 2020, 1-6.  | 0.4 | 2         |
| 53 | Subclass of analytic functions associated with Pascal distribution series. Bulletin of the Transilvania University of Brasov, Series III: Mathematics, Informatics, Physics, 2021, 13(62), 521-528. | 0.2 | 2         |
| 54 | New properties of the Jung-Kim-Srivastava integral operators. Tamkang Journal of Mathematics, 2011, 42, .   | 0.3 | 2         |

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|----|---|-----|-----------|
| 55 | Differential operator of meromorphic $p$ -valent functions. Tamkang Journal of Mathematics, 2012, 43, 417-422.  | 0.3 | 2         |
| 56 | ON THE ANALYTIC PART OF HARMONIC UNIVALENT FUNCTIONS. Bulletin of the Korean Mathematical Society, 2005, 42, 563-569.   | 0.3 | 2         |
| 57 | On Certain Subclass of Analytic Functions with Fixed Point. Journal of Applied Mathematics, 2013, 2013, 1-8.  | 0.4 | 1         |
| 58 | Sufficient Conditions for $\alpha$ -Spirallike and $\alpha$ -Robertson Functions of Complex Order. Journal of Mathematics, 2013, 2013, 1-4.   | 0.5 | 1         |
| 59 | General Integral Operator of Analytic Functions Involving Functions with Positive Real Part. Journal of Mathematics, 2013, 2013, 1-4.   | 0.5 | 1         |
| 60 | A Few Complex Equations Constituted by an Operator Consisting of Fractional Calculus and Their Consequences. Chinese Journal of Mathematics, 2014, 2014, 1-4.                       | 0.1 | 1         |
| 61 | A subclass of harmonic functions with negative coefficients defined by Dziok-Srivastava operator. Tamkang Journal of Mathematics, 2011, 42, .                                       | 0.3 | 1         |
| 62 | New properties of the Jung-Kim-Srivastava integral operators. Tamkang Journal of Mathematics, 2011, 42, 205-215.  | 0.3 | 1         |
| 63 | Coefficient inequality for certain classes of analytic functions. Miskolc Mathematical Notes, 2016, 17, 29.   | 0.3 | 1         |
| 64 | Coefficient estimates and subordination properties for certain classes of analytic functions of reciprocal order. Studia Universitatis Babes-Bolyai Mathematica, 2018, 63, 203-212. | 0.1 | 1         |
| 65 | Subordination results for a class of analytic functions. Moroccan Journal of Pure and Applied Analysis, 2021, 7, 30-42.   | 0.2 | 1         |
| 66 | Majorization for Certain Classes of Analytic Functions Defined by Fournier's Ruscheweyh Integral Operator. Journal of Mathematics, 2022, 2022, 1-7.                                 | 0.5 | 1         |
| 67 | Coefficient inequalities for general class of analytic functions defined by convolution. , 2012, , .  |     | 0         |
| 68 | New univalent conditions for a family of integral operators. Applied Mathematics Letters, 2012, 25, 970-973.  | 1.5 | 0         |
| 69 | Class of Multivalent Analytic Functions Defined by a Linear Operator. Journal of Complex Analysis, 2013, 2013, 1-7.   | 0.6 | 0         |
| 70 | Some Properties Subclasses of Analytic Functions. Kyungpook Mathematical Journal, 2014, 54, 531-543.  | 0.3 | 0         |
| 71 | Sufficient conditions for certain subclasses of meromorphic $p$ -valent functions. Boletim Da Sociedade Paranaense De Matematica, 2015, 33, 9-16.                                   | 0.4 | 0         |
| 72 | Neighborhoods for certain analytic functions. Asian-European Journal of Mathematics, 2016, 09, 1650083.   | 0.2 | 0         |

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|----|--|-----|-----------|
| 73 | The q-difference operator associated with the multivalent function bounded by conical sections. Boletim Da Sociedade Paranaense De Matematica, 2020, 39, 133-146.                | 0.4 | 0         |
| 74 | Argument estimates of strongly starlike functions associated with Noor-integral operator. Tamkang Journal of Mathematics, 2009, 40, 7-13.  | 0.3 | 0         |
| 75 | Univalence of a nonlinear integral operator of analytic functions. Journal of Mathematical Inequalities, 2015, , 763-771.  | 0.5 | 0         |
| 76 | An Application of Pascal Distribution Series on Certain Analytic Functions Associated with Stirling Numbers and Sălăgean Operator. Journal of Function Spaces, 2022, 2022, 1-13. | 0.4 | 0         |