

Muhammad Arif

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/174858/publications.pdf>

Version: 2024-02-01

223
papers

5,952
citations

66234

42
h-index

114278

63
g-index

225
all docs

225
docs citations

225
times ranked

3864
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of pressure and temperature on CO ₂ –brine–mica contact angles and CO ₂ –brine interfacial tension: Implications for carbon geo-sequestration. <i>Journal of Colloid and Interface Science</i> , 2016, 462, 208-215.	5.0	190
2	Green tea (<i>Camellia sinensis</i>) and l-theanine: Medicinal values and beneficial applications in humans—A comprehensive review. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1260-1275.	2.5	175
3	Wettability of rock/CO ₂ /brine and rock/oil/CO ₂ -enriched-brine systems: Critical parametric analysis and future outlook. <i>Advances in Colloid and Interface Science</i> , 2019, 268, 91-113.	7.0	138
4	Using essential oils to overcome bacterial biofilm formation and their antimicrobial resistance. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5145-5156.	1.8	117
5	Wettability of nanofluid-modified oil-wet calcite at reservoir conditions. <i>Fuel</i> , 2018, 211, 405-414.	3.4	116
6	CO ₂ storage in carbonates: Wettability of calcite. <i>International Journal of Greenhouse Gas Control</i> , 2017, 62, 113-121.	2.3	108
7	Influence of shale–total organic content on CO ₂ geo-storage potential. <i>Geophysical Research Letters</i> , 2017, 44, 8769-8775.	1.5	107
8	Solid/CO ₂ and solid/water interfacial tensions as a function of pressure, temperature, salinity and mineral type: Implications for CO ₂ -wettability and CO ₂ geo-storage. <i>International Journal of Greenhouse Gas Control</i> , 2016, 53, 263-273.	2.3	103
9	Organic acid concentration thresholds for ageing of carbonate minerals: Implications for CO ₂ trapping/storage. <i>Journal of Colloid and Interface Science</i> , 2019, 534, 88-94.	5.0	91
10	The role of polyphenols in poultry nutrition. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1851-1866.	1.0	91
11	Impacts of rare earth elements on animal health and production: Highlights of cerium and lanthanum. <i>Science of the Total Environment</i> , 2019, 672, 1021-1032.	3.9	90
12	CO ₂ -wettability of low to high rank coal seams: Implications for carbon sequestration and enhanced methane recovery. <i>Fuel</i> , 2016, 181, 680-689.	3.4	89
13	Stress biomarkers and proteomics alteration to thermal stress in ruminants: A review. <i>Journal of Thermal Biology</i> , 2019, 79, 120-134.	1.1	89
14	Stabilising nanofluids in saline environments. <i>Journal of Colloid and Interface Science</i> , 2017, 508, 222-229.	5.0	88
15	CO ₂ -wettability of sandstones exposed to traces of organic acids: Implications for CO ₂ geo-storage. <i>International Journal of Greenhouse Gas Control</i> , 2019, 83, 61-68.	2.3	88
16	Structural trapping capacity of oil-wet caprock as a function of pressure, temperature and salinity. <i>International Journal of Greenhouse Gas Control</i> , 2016, 50, 112-120.	2.3	84
17	Herbs as thermoregulatory agents in poultry: An overview. <i>Science of the Total Environment</i> , 2020, 703, 134399.	3.9	84
18	A new method for TOC estimation in tight shale gas reservoirs. <i>International Journal of Coal Geology</i> , 2017, 179, 269-277.	1.9	76

#	ARTICLE	IF	CITATIONS
19	Influence of tailor-made TiO ₂ /API bentonite nanocomposite on drilling mud performance: Towards enhanced drilling operations. <i>Applied Clay Science</i> , 2020, 199, 105862.	2.6	76
20	Shale Wettability: Data Sets, Challenges, and Outlook. <i>Energy & Fuels</i> , 2021, 35, 2965-2980.	2.5	76
21	Ginger and Its Derivatives as Promising Alternatives to Antibiotics in Poultry Feed. <i>Animals</i> , 2020, 10, 452.	1.0	73
22	X-ray tomography imaging of shale microstructures: A review in the context of multiscale correlative imaging. <i>International Journal of Coal Geology</i> , 2021, 233, 103641.	1.9	69
23	Application of Exponential Jensen Picture Fuzzy Divergence Measure in Multi-Criteria Group Decision Making. <i>Mathematics</i> , 2019, 7, 191.	1.1	67
24	The uses of microbial phytase as a feed additive in poultry nutrition – a review. <i>Annals of Animal Science</i> , 2018, 18, 639-658.	0.6	66
25	Influence of surface chemistry on interfacial properties of low to high rank coal seams. <i>Fuel</i> , 2017, 194, 211-221.	3.4	63
26	Effect of humic acid on CO ₂ -wettability in sandstone formation. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 315-325.	5.0	63
27	A report on COVID-19 epidemic in Pakistan using SEIR fractional model. <i>Scientific Reports</i> , 2020, 10, 22268.	1.6	62
28	Clinically significant prostate cancer detection and segmentation in low-risk patients using a convolutional neural network on multi-parametric MRI. <i>European Radiology</i> , 2020, 30, 6582-6592.	2.3	61
29	Chicory (<i>Cichorium intybus</i>) Herb: Chemical Composition, Pharmacology, Nutritional and Healthical Applications. <i>International Journal of Pharmacology</i> , 2017, 13, 351-360.	0.1	59
30	Application of Laplace-Adomian Decomposition Method for the Analytical Solution of Third-Order Dispersive Fractional Partial Differential Equations. <i>Entropy</i> , 2019, 21, 335.	1.1	58
31	An Investigation of the Third Hankel Determinant Problem for Certain Subfamilies of Univalent Functions Involving the Exponential Function. <i>Symmetry</i> , 2019, 11, 598.	1.1	58
32	A New Approach to Fuzzy TOPSIS Method Based on Entropy Measure under Spherical Fuzzy Information. <i>Entropy</i> , 2019, 21, 1231.	1.1	58
33	A Time Fractional Model of Generalized Couette Flow of Couple Stress Nanofluid With Heat and Mass Transfer: Applications in Engine Oil. <i>IEEE Access</i> , 2020, 8, 146944-146966.	2.6	58
34	Thermal performance of GO-MoS ₂ / engine oil as Maxwell hybrid nanofluid flow with heat transfer in oscillating vertical cylinder. <i>Case Studies in Thermal Engineering</i> , 2021, 27, 101290.	2.8	56
35	Analytical Solutions of Fractional-Order Heat and Wave Equations by the Natural Transform Decomposition Method. <i>Entropy</i> , 2019, 21, 597.	1.1	53
36	Wettability of nano-treated calcite/CO ₂ /brine systems: Implication for enhanced CO ₂ storage potential. <i>International Journal of Greenhouse Gas Control</i> , 2017, 66, 97-105.	2.3	50

#	ARTICLE	IF	CITATIONS
37	The effect of amplitude modulation on subharmonic imaging with chirp excitation. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2013, 60, 2532-2544.	1.7	49
38	Experimental investigation of carbonate wettability as a function of mineralogical and thermo-physical conditions. Fuel, 2020, 264, 116846.	3.4	49
39	Electrochemical investigation of the effect of temperature, salinity and salt type on brine/mineral interfacial properties. International Journal of Greenhouse Gas Control, 2017, 59, 136-147.	2.3	48
40	The Biodegradation Role of Saccharomyces cerevisiae against Harmful Effects of Mycotoxin Contaminated Diets on Broiler Performance, Immunity Status, and Carcass characteristics. Animals, 2020, 10, 238.	1.0	47
41	Hydrogen storage potential of coals as a function of pressure, temperature, and rank. Journal of Colloid and Interface Science, 2022, 620, 86-93.	5.0	47
42	A novel hybrid method for gas hydrate filling modes identification via digital rock. Marine and Petroleum Geology, 2020, 115, 104255.	1.5	46
43	Levenberg-Marquardt method for solving systems of absolute value equations. Journal of Computational and Applied Mathematics, 2015, 282, 134-138.	1.1	45
44	Hankel determinant of order three for familiar subsets of analytic functions related with sine function. Open Mathematics, 2019, 17, 1615-1630.	0.5	45
45	Putative impacts of phytogetic additives to ameliorate lead toxicity in animal feed. Environmental Science and Pollution Research, 2019, 26, 23209-23218.	2.7	44
46	Some applications of a q-analogue of the Ruscheweyh type operator for multivalent functions. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 1211-1221.	0.6	43
47	Laplace Adomian Decomposition Method for Multi Dimensional Time Fractional Model of Navier-Stokes Equation. Symmetry, 2019, 11, 149.	1.1	43
48	Nutritional applications and beneficial health applications of green tea and theanine in some animal species: A review. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 245-256.	1.0	42
49	CO ₂ geo-storage capacity enhancement via nanofluid priming. International Journal of Greenhouse Gas Control, 2017, 63, 20-25.	2.3	39
50	Starlikeness Associated with Cosine Hyperbolic Function. Mathematics, 2020, 8, 1118.	1.1	39
51	A Study of Multivalent q-starlike Functions Connected with Circular Domain. Mathematics, 2019, 7, 670.	1.1	38
52	Porosity estimation in kerogen-bearing shale gas reservoirs. Journal of Natural Gas Science and Engineering, 2018, 52, 575-581.	2.1	37
53	Automatic needle detection and real-time Bi-planar needle visualization during 3D ultrasound scanning of the liver. Medical Image Analysis, 2019, 53, 104-110.	7.0	37
54	Laplace decomposition for solving nonlinear system of fractional order partial differential equations. Advances in Difference Equations, 2020, 2020, .	3.5	37

#	ARTICLE	IF	CITATIONS
55	The application of gene marker-assisted selection and proteomics for the best meat quality criteria and body measurements in Qinchuan cattle breed. <i>Molecular Biology Reports</i> , 2018, 45, 1445-1456.	1.0	36
56	Analytical Solutions of Fractional-Order Diffusion Equations by Natural Transform Decomposition Method. <i>Entropy</i> , 2019, 21, 557.	1.1	36
57	Individual and combined effects of crude protein, methionine, and probiotic levels on laying hen productive performance and nitrogen pollution in the manure. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22906-22913.	2.7	35
58	Some Applications of a New Integral Operator in q-Analog for Multivalent Functions. <i>Mathematics</i> , 2019, 7, 1178.	1.1	35
59	A semi-analytical method to solve family of Kuramoto-Sivashinsky equations. <i>Journal of Taibah University for Science</i> , 2020, 14, 402-411.	1.1	35
60	The analytical investigation of time-fractional multi-dimensional Navier-Stokes equation. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 2941-2956.	3.4	34
61	Transmission Model of Hepatitis B Virus with the Migration Effect. <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	33
62	Single and Combined Impacts of Vitamin A and Selenium in Diet on Productive Performance, Egg Quality, and Some Blood Parameters of Laying Hens During Hot Season. <i>Biological Trace Element Research</i> , 2017, 177, 169-179.	1.9	33
63	A Study of Third Hankel Determinant Problem for Certain Subfamilies of Analytic Functions Involving Cardioid Domain. <i>Mathematics</i> , 2019, 7, 418.	1.1	33
64	Productive performance, egg quality, hematological parameters and serum chemistry of laying hens fed diets supplemented with certain fat-soluble vitamins, individually or combined, during summer season. <i>Animal Nutrition</i> , 2019, 5, 49-55.	2.1	32
65	Alleviating the environmental heat burden on laying hens by feeding on diets enriched with certain antioxidants (vitamin E and selenium) individually or combined. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10708-10717.	2.7	31
66	An Efficient Analytical Technique, for The Solution of Fractional-Order Telegraph Equations. <i>Mathematics</i> , 2019, 7, 426.	1.1	31
67	On the Third and Fourth Hankel Determinants for a Subclass of Analytic Functions. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2022, 45, 323-359.	0.4	31
68	Mineralogy and pore topology analysis during matrix acidizing of tight sandstone and dolomite formations using chelating agents. <i>Journal of Petroleum Science and Engineering</i> , 2018, 167, 869-876.	2.1	30
69	Natural Transform Decomposition Method for Solving Fractional-Order Partial Differential Equations with Proportional Delay. <i>Mathematics</i> , 2019, 7, 532.	1.1	30
70	Analytical Solution of Fractional-Order Hyperbolic Telegraph Equation, Using Natural Transform Decomposition Method. <i>Electronics (Switzerland)</i> , 2019, 8, 1015.	1.8	30
71	An Analytical Technique to Solve the System of Nonlinear Fractional Partial Differential Equations. <i>Mathematics</i> , 2019, 7, 505.	1.1	30
72	Growth Performance of Broilers as Influenced by Different Levels and Sources of Methionine Plus Cysteine. <i>Animals</i> , 2019, 9, 1056.	1.0	30

#	ARTICLE	IF	CITATIONS
73	Fluid-rock interactions and its implications on EOR: Critical analysis, experimental techniques and knowledge gaps. Energy Reports, 2022, 8, 6355-6395.	2.5	30
74	A Subfamily of Univalent Functions Associated with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle q \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Analogue of Noor Integral Operator. Journal of Function Spaces, 2018, 2018, 1-5.	0.4	29
75	Some Janowski Type Harmonic q -Starlike Functions Associated with Symmetrical Points. Mathematics, 2020, 8, 629.	1.1	29
76	MHD Thin Film Flows of a Third Grade Fluid on a Vertical Belt with Slip Boundary Conditions. Journal of Applied Mathematics, 2013, 2013, 1-14.	0.4	28
77	Fractional Model of Couple Stress Fluid for Generalized Couette Flow: A Comparative Analysis of Atangana-Baleanu and Caputo-Fabrizio Fractional Derivatives. IEEE Access, 2019, 7, 88643-88655.	2.6	28
78	Analytical Solutions of (2+Time Fractional Order) Dimensional Physical Models, Using Modified Decomposition Method. Applied Sciences (Switzerland), 2020, 10, 122.	1.3	28
79	Role of Chromium in Poultry Nutrition and Health: Beneficial Applications and Toxic Effects. International Journal of Pharmacology, 2017, 13, 907-915.	0.1	27
80	Towards saving freshwater: halophytes as unconventional feedstuffs in livestock feed: a review. Environmental Science and Pollution Research, 2018, 25, 14397-14406.	2.7	26
81	q -Analogue of Differential Subordinations. Mathematics, 2019, 7, 724.	1.1	26
82	Convolution properties of meromorphically harmonic functions defined by a generalized convolution q -derivative operator. AIMS Mathematics, 2021, 6, 5869-5885.	0.7	26
83	Hankel determinant problem of a subclass of analytic functions. Journal of Inequalities and Applications, 2012, 2012, .	0.5	25
84	The Usefulness of Retinoic Acid Supplementation during in Vitro Oocyte Maturation for the in Vitro Embryo Production of Livestock: A Review. Animals, 2019, 9, 561.	1.0	25
85	Analytical Solutions of Fractional Klein-Gordon and Gas Dynamics Equations, via the (G^2/G) -Expansion Method. Symmetry, 2019, 11, 566.	1.1	25
86	Some analytical and numerical investigation of a family of fractional-order Helmholtz equations in two space dimensions. Mathematical Methods in the Applied Sciences, 2020, 43, 199-212.	1.2	25
87	Magneto-Burgers Nanofluid Stratified Flow with Swimming Motile Microorganisms and Dual Variables Conductivity Configured by a Stretching Cylinder/Plate. Mathematical Problems in Engineering, 2021, 2021, 1-16.	0.6	25
88	A novel method for the analytical solution of fractional Zakharov-Kuznetsov equations. Advances in Difference Equations, 2019, 2019, .	3.5	25
89	A New Analytical Technique to Solve System of Fractional-Order Partial Differential Equations. IEEE Access, 2019, 7, 150037-150050.	2.6	24
90	Enhanced heat transfer in working fluids using nanoparticles with ramped wall temperature: Applications in engine oil. Advances in Mechanical Engineering, 2019, 11, 168781401988098.	0.8	24

#	ARTICLE	IF	CITATIONS
91	A fractional model of Casson fluid with ramped wall temperature: Engineering applications of engine oil. Computational and Mathematical Methods, 2021, 3, e1162.	0.3	24
92	Herbal Medicine Additives as Powerful Agents to Control and Prevent Avian Influenza Virus in Poultry – A Review. Annals of Animal Science, 2019, 19, 905-935.	0.6	24
93	An approximate analytical solution of the Navier–Stokes equations within Caputo operator and Elzaki transform decomposition method. Advances in Difference Equations, 2020, 2020, .	3.5	22
94	Emulsifier Effect on Fat Utilization in Broiler Chicken. Asian Journal of Animal and Veterinary Advances, 2016, 11, 158-167.	0.3	22
95	Couette flow of viscoelastic dusty fluid in a rotating frame along with the heat transfer. Scientific Reports, 2021, 11, 506.	1.6	21
96	Natural convection in polyethylene glycol based molybdenum disulfide nanofluid with thermal radiation, chemical reaction and ramped wall temperature. International Journal of Heat and Technology, 2018, 36, 619-631.	0.3	21
97	Numerical treatment of fractional order Cauchy reaction diffusion equations. Chaos, Solitons and Fractals, 2017, 103, 578-587.	2.5	20
98	Extended Version of Linguistic Picture Fuzzy TOPSIS Method and Its Applications in Enterprise Resource Planning Systems. Mathematical Problems in Engineering, 2019, 2019, 1-8.	0.6	20
99	A New Class of Analytic Functions Associated with Sălăgean Operator. Journal of Function Spaces, 2019, 2019, 1-8.	0.4	20
100	On q -analogue of meromorphic multivalent functions in lemniscate of Bernoulli domain. AIMS Mathematics, 2021, 6, 3037-3052.	0.7	20
101	Growth, carcass traits, cecal microbial counts, and blood chemistry of meat-type quail fed diets supplemented with humic acid and black cumin seeds. Asian-Australasian Journal of Animal Sciences, 2018, 31, 1930-1938.	2.4	20
102	A Time Fractional Model With Non-Singular Kernel the Generalized Couette Flow of Couple Stress Nanofluid. IEEE Access, 2020, 8, 77378-77395.	2.6	19
103	Beneficial effects of rumen-protected methionine on nitrogen-use efficiency, histological parameters, productivity and reproductive performance of ruminants. Animal Biotechnology, 2021, 32, 51-66.	0.7	19
104	Impacts of distiller's dried grains with solubles as replacement of soybean meal plus vitamin E supplementation on production, egg quality and blood chemistry of laying hens. Annals of Animal Science, 2017, 17, 849-862.	0.6	18
105	Hyers–Ulam–Rassias Stability of Semilinear Nonautonomous Impulsive System. Symmetry, 2019, 11, 2311.1		18
106	Phytochemistry, Modes of Action and Beneficial Health Applications of Green Tea (Camellia sinensis) in Humans and Animals. International Journal of Pharmacology, 2017, 13, 698-708.	0.1	18
107	A study of sharp coefficient bounds for a new subfamily of starlike functions. Journal of Inequalities and Applications, 2021, 2021, .	0.5	18
108	Impact of Solid Surface Energy on Wettability of CO ₂ -brine-Mineral Systems as a Function of Pressure, Temperature and Salinity. Energy Procedia, 2017, 114, 4832-4842.	1.8	17

#	ARTICLE	IF	CITATIONS
109	Effect of Varying Levels of Chromium Propionate on Growth Performance and Blood Biochemistry of Broilers. <i>Animals</i> , 2019, 9, 935.	1.0	17
110	A Multiscale Investigation of Cross-Linked Polymer Gel Injection in Sandstone Gas Reservoirs: Implications for Water Shutoff Treatment. <i>Energy & Fuels</i> , 2020, 34, 14046-14057.	2.5	17
111	Analysis of Decision Support System Based on 2-Tuple Spherical Fuzzy Linguistic Aggregation Information. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 276.	1.3	17
112	Fractional View Analysis of Third Order Korteweg-De Vries Equations, Using a New Analytical Technique. <i>Frontiers in Physics</i> , 2020, 7, .	1.0	17
113	Investigation of change in different properties of sandstone and dolomite samples during matrix acidizing using chelating agents. <i>Journal of Petroleum Exploration and Production</i> , 2019, 9, 2793-2809.	1.2	16
114	Influence of Heterogeneity on Carbonate Permeability Upscaling: A Renormalization Approach Coupled with the Pore Network Model. <i>Energy & Fuels</i> , 2022, 36, 3003-3015.	2.5	16
115	Aqua(2,2- π -bipyridyl)difluorocopper(II) dihydrate: X-ray structure reveals short hydrogen bonds and other unusual features. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 2397-2399.	1.1	15
116	Geometric Properties of Normalized Mittag-Leffler Functions. <i>Symmetry</i> , 2019, 11, 45.	1.1	15
117	Coefficient estimates for a certain family of analytic functions involving a q-derivative operator. <i>Ramanujan Journal</i> , 2021, 55, 53-71.	0.4	15
118	Mapping properties of an integral operator. <i>Applied Mathematics Letters</i> , 2012, 25, 1826-1829.	1.5	14
119	Numerical solutions of fractional delay differential equations using Chebyshev wavelet method. <i>Computational and Applied Mathematics</i> , 2019, 38, 1.	1.0	14
120	Simulating Coal Permeability Change as a Function of Effective Stress Using a Microscale Digital Rock Model. <i>Energy & Fuels</i> , 2021, 35, 8756-8762.	2.5	14
121	Maxwell Nanofluid Flow over an Infinite Vertical Plate with Ramped and Isothermal Wall Temperature and Concentration. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-19.	0.6	14
122	The Sharp Bounds of the Third-Order Hankel Determinant for Certain Analytic Functions Associated with an Eight-Shaped Domain. <i>Fractal and Fractional</i> , 2022, 6, 223.	1.6	14
123	Convolution properties for a family of analytic functions involving q-analogue of Ruscheweyh differential operator. <i>Turkish Journal of Mathematics</i> , 2019, 43, 1712-1720.	0.3	13
124	New Post Quantum Analogues of Hermite-Hadamard Type Inequalities for Interval-Valued Convex Functions. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-17.	0.6	13
125	Nutritional and Pharmaceutical Applications of Nanotechnology: Trends and Advances. <i>International Journal of Pharmacology</i> , 2017, 13, 340-350.	0.1	13
126	Factors affecting students' knowledge sharing over social media and individual creativity: An empirical investigation in Pakistan. <i>International Journal of Management Education</i> , 2022, 20, 100598.	2.2	13

#	ARTICLE	IF	CITATIONS
127	Chebyshev wavelet method to nonlocal fractional Volterra-Fredholm integro-differential equations with mixed boundary conditions. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401769480.	0.8	12
128	Numerical Simulation of Partial Differential Equations via Local Meshless Method. <i>Symmetry</i> , 2019, 11, 257.	1.1	12
129	Q-Extension of Starlike Functions Subordinated with a Trigonometric Sine Function. <i>Mathematics</i> , 2020, 8, 1676.	1.1	12
130	Fractional View Analysis of Acoustic Wave Equations, Using Fractional-Order Differential Equations. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 610.	1.3	12
131	Sharp Bounds of the Coefficient Results for the Family of Bounded Turning Functions Associated with a Petal-Shaped Domain. <i>Journal of Function Spaces</i> , 2021, 2021, 1-9.	0.4	12
132	A New Application of Gauss Quadrature Method for Solving Systems of Nonlinear Equations. <i>Symmetry</i> , 2021, 13, 432.	1.1	12
133	Some subclasses of close-to-convex mappings associated with conic regions. <i>Applied Mathematics and Computation</i> , 2016, 285, 94-102.	1.4	11
134	Computation of iterative solutions along with stability analysis to a coupled system of fractional order differential equations. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	11
135	On fourth Hankel determinant for functions associated with Bernoulli's lemniscate. , 0, , 1-11.	0.3	11
136	Investigation of the fifth Hankel determinant for a family of functions with bounded turnings. <i>Mathematica Slovaca</i> , 2020, 70, 319-328.	0.3	10
137	Ultrasonic actuation of a fine-needle improves biopsy yield. <i>Scientific Reports</i> , 2021, 11, 8234.	1.6	10
138	Radius Problems for Starlike Functions Associated with the Tan Hyperbolic Function. <i>Journal of Function Spaces</i> , 2021, 2021, 1-15.	0.4	10
139	Mapping properties of some classes of analytic functions under an integral operator. <i>Journal of Mathematical Inequalities</i> , 2010, , 593-600.	0.5	10
140	The Sharp Bounds of Hankel Determinants for the Families of Three-Leaf-Type Analytic Functions. <i>Fractal and Fractional</i> , 2022, 6, 291.	1.6	10
141	Sufficiency Criterion for A Subfamily of Meromorphic Multivalent Functions of Reciprocal Order with Respect to Symmetric Points. <i>Symmetry</i> , 2019, 11, 764.	1.1	9
142	Molecular characterization and RSV Co-infection of <i>Nicotiana benthamiana</i> with three distinct begomoviruses. <i>Methods</i> , 2020, 183, 43-49.	1.9	9
143	Low-Salinity-Assisted Cationic Polyacrylamide Water Shutoff in Low-Permeability Sandstone Gas Reservoirs. <i>Energy & Fuels</i> , 2020, 34, 5524-5536.	2.5	9
144	Rock/Fluid/Polymer Interaction Mechanisms: Implications for Water Shut-off Treatment. <i>Energy & Fuels</i> , 2021, 35, 12809-12827.	2.5	9

#	ARTICLE	IF	CITATIONS
145	On strongly Bazilevic functions associated with generalized Robertson functions. <i>Mathematical and Computer Modelling</i> , 2011, 54, 1608-1612.	2.0	8
146	Numerical solutions to systems of fractional Volterra Integro differential equations, using Chebyshev wavelet method. <i>Journal of Taibah University for Science</i> , 2018, 12, 584-591.	1.1	8
147	Sharp Bounds of Hankel Determinant on Logarithmic Coefficients for Functions of Bounded Turning Associated with Petal-Shaped Domain. <i>Mathematics</i> , 2022, 10, 1939.	1.1	8
148	On a class of analytic functions related with generalized Bazilevic type functions. <i>Computers and Mathematics With Applications</i> , 2011, 61, 2456-2462.	1.4	7
149	Class of Analytic Functions Defined by q-Integral Operator in a Symmetric Region. <i>Symmetry</i> , 2019, 11, 1042.	1.1	7
150	Fourth Hankel Determinant for the Set of Star-Like Functions. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-8.	0.6	7
151	On certain multivalent functions involving the generalized Srivastava-Attiya operator. <i>Journal of Nonlinear Science and Applications</i> , 2016, 09, 6067-6076.	0.4	7
152	Exact solution to non-linear biological population model with fractional order. <i>Thermal Science</i> , 2018, 22, 317-327.	0.5	7
153	Some applications of q-difference operator involving a family of meromorphic harmonic functions. <i>Advances in Difference Equations</i> , 2021, 2021, .	3.5	7
154	Effect of Native Reservoir State and Oilfield Operations on Clay Mineral Surface Chemistry. <i>Molecules</i> , 2022, 27, 1739.	1.7	7
155	Some properties of an integral operator defined by convolution. <i>Journal of Inequalities and Applications</i> , 2012, 2012, .	0.5	6
156	On products of multivalent close-to-star functions. <i>Journal of Inequalities and Applications</i> , 2015, 2015, .	0.5	6
157	Genetic diversity of the families Aeshnidae, Gomphidae and Libellulidae through COI gene from South China. <i>Acta Tropica</i> , 2018, 185, 273-279.	0.9	6
158	Development of Hybrid Drilling Fluid and Enzyme-Based Acid Precursor-Based Clean-Up Fluid for Wells Drilled with Calcium Carbonate-Based Drilling Fluids. <i>ACS Omega</i> , 2020, 5, 25984-25992.	1.6	6
159	Approximate solutions to nonlinear fractional order partial differential equations arising in ion-acoustic waves. <i>AIMS Mathematics</i> , 2019, 4, 721-739.	0.7	6
160	On some applications of Ruscheweyh derivative. <i>Computers and Mathematics With Applications</i> , 2011, 62, 4726-4732.	1.4	5
161	Metal backbone polymers $[M(isn-\hat{P}Npy)_4(\frac{1}{4}-SiF_6-\hat{P}F_6)]_n$ (M=Cu, Co, Ni; isn=isonicotinamide) containing an unusual hexafluorosilicato bridge. <i>Inorganica Chimica Acta</i> , 2015, 427, 198-202.	1.2	5
162	Janowski type close-to-convex functions associated with conic regions. <i>Journal of Inequalities and Applications</i> , 2017, 2017, 259.	0.5	5

#	ARTICLE	IF	CITATIONS
163	Study of a class of arbitrary order differential equations by a coincidence degree method. <i>Boundary Value Problems</i> , 2017, 2017, .	0.3	5
164	A Two-Step Newton-Type Method for Solving System of Absolute Value Equations. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-7.	0.6	5
165	Nutrient digestibility, nitrogen excretion, and milk production of mid-lactation Jersey \bar{A} – Friesian cows fed diets containing different proportions of rumen-undegradable protein. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20180787.	0.3	5
166	Fourth Hankel Determinant Problem Based on Certain Analytic Functions. <i>Symmetry</i> , 2022, 14, 663.	1.1	5
167	Sufficiency Criteria for a Class of α -Valent Analytic Functions of Complex Order. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-4.	0.3	4
168	Sufficient condition for functions to be in a class of meromorphic multivalent Sakaguchi type spiral-like functions. <i>Acta Mathematica Scientia</i> , 2014, 34, 575-578.	0.5	4
169	Joint CIR, CFO, DCO and FI/FS Rx IQ imbalance estimation. <i>IET Communications</i> , 2016, 10, 2025-2033.	1.5	4
170	Looking Back, Moving Forward: An Assessment of LIS Internship Programme in Developing Country's Perspective. <i>Journal of Academic Librarianship</i> , 2018, 44, 595-602.	1.3	4
171	An Approximate-Analytical Solution to Analyze Fractional View of Telegraph Equations. <i>IEEE Access</i> , 2020, 8, 25638-25649.	2.6	4
172	Sufficiency Criteria for q -Starlike Functions Associated with Cardioid. <i>Journal of Function Spaces</i> , 2021, 2021, 1-9.	0.4	4
173	Coefficients estimates of some subclasses of analytic functions related with conic domain. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2013, 21, 181-188.	0.1	4
174	Initial successive coefficients for certain classes of univalent functions involving the exponential function. <i>Journal of Mathematical Inequalities</i> , 2020, , 1183-1201.	0.5	4
175	Numerical and Theoretical Investigation to Estimate Darcy Friction Factor in Water Network Problem Based on Modified Chun-Hui He's Algorithm and Applications. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-11.	0.6	4
176	Experimental investigation of the subharmonic emission from microbubbles using linear and nonlinear frequency modulated signals. , 2010, , .		3
177	On Subclasses of Analytic Functions with respect to Symmetrical Points. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-11.	0.3	3
178	Extraction of spectrally overlapped second harmonic using the fractional Fourier transform. , 2013, , .		3
179	Investigation of Non-linear Chirp Coding for Improved Second Harmonic Pulse Compression. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 1690-1702.	0.7	3
180	Effect of different processing methods of pigeon pea (<i>Cajanus cajan</i>) on growth performance, carcass traits, and blood biochemical and hematological parameters of broiler chickens. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2017, 41, 38-45.	0.2	3

#	ARTICLE	IF	CITATIONS
181	Majorization Results for Certain Subfamilies of Analytic Functions. Journal of Function Spaces, 2021, 2021, 1-6.	0.4	3
182	Applications of Some Generalized Janowski Meromorphic Multivalent Functions. Journal of Mathematics, 2021, 2021, 1-13.	0.5	3
183	On analytic multivalent functions associated with lemniscate of Bernoulli. AIMS Mathematics, 2020, 5, 2261-2271.	0.7	3
184	Approximate analytical fractional view of convectionâ€“diffusion equations. Open Physics, 2020, 18, 897-905.	0.8	3
185	Fractional Fourier transform with pulse inversion for second harmonic pulse compression. , 2009, , .		2
186	Experimental investigation of chirp coded excitation in ultrasound superharmonic imaging. , 2010, , .		2
187	On Certain Sufficiency Criteria for α -Valent Meromorphic Spirallike Functions. Abstract and Applied Analysis, 2012, 2012, 1-10.	0.3	2
188	Fekete-Szegő Inequality for a Subclass of α -Valent Analytic Functions. Journal of Applied Mathematics, 2013, 2013, 1-7.	0.4	2
189	Symmetric SOR Method for Absolute Complementarity Problems. Journal of Applied Mathematics, 2013, 2013, 1-6.	0.4	2
190	Quantum Hermite-Hadamard type inequalities for generalized strongly preinvex functions. AIMS Mathematics, 2021, 6, 13291-13310.	0.7	2
191	Third Hankel Determinant Problem for Certain Subclasses of Analytic Functions Associated with Nephroid Domain. Earthline Journal of Mathematical Sciences, 2021, 6, 293-308.	1.0	2
192	A Study of Third and Fourth Hankel Determinant Problem for a Particular Class of Bounded Turning Functions. Mathematical Problems in Engineering, 2021, 2021, 1-8.	0.6	2
193	Infectious clone construction and pathogenicity confirmation of Cotton leaf curl Multan virus (CLCuMuV), Ramie mosaic virus (RamV) and Corchorus yellow vein Vietnam virus (CoYVV) by southern blot analysis. PLoS ONE, 2021, 16, e0251232.	1.1	2
194	Nigella sativa Supplementation in Ruminant Diets: Production, Health, and Environmental Perspectives. Food Bioactive Ingredients, 2021, , 245-264.	0.3	2
195	Exact solutions of the Laplace fractional boundary value problems via natural decomposition method. Open Physics, 2020, 18, 1178-1187.	0.8	2
196	Sufficient conditions for α -valent functions. Mathematica Slovaca, 2021, 71, 1089-1102.	0.3	2
197	Hankel determinants of order four for a set of functions with bounded turning of order α . Lithuanian Mathematical Journal, 2022, 62, 135-145.	0.2	2
198	Radius of Star-Likeness for Certain Subclasses of Analytic Functions. Symmetry, 2021, 13, 2448.	1.1	2

#	ARTICLE	IF	CITATIONS
199	Starlikeness Associated with Tangent Hyperbolic Function. Journal of Function Spaces, 2022, 2022, 1-14.	0.4	2
200	Performance evaluation of nonlinear frequency modulated signals in ultrasound harmonic imaging. , 2010, , .		1
201	Extraction of an overlapped second harmonic chirp component using the fractional fourier transform. , 2011, , .		1
202	New Criteria for Functions to Be in a Class of α -Valent Alpha Convex Functions. Scientific World Journal, The, 2013, 2013, 1-4.	0.8	1
203	Arc Length Inequality for a Certain Class of Analytic Functions Related to Conic Regions. Journal of Complex Analysis, 2013, 2013, 1-4.	0.6	1
204	Coefficient Inequalities for a Subclass of p -Valent Analytic Functions. Scientific World Journal, The, 2014, 2014, 1-5.	0.8	1
205	On analytic functions with generalized bounded Mocanu variation in conic domain with complex order. Mathematica Slovaca, 2017, 67, 401-410.	0.3	1
206	Ways to Minimize Nitrogen Emissions in Agricultural Farms. Handbook of Environmental Chemistry, 2018, , 357-368.	0.2	1
207	A Criterion for Subfamilies of Multivalent Functions of Reciprocal Order with Respect to Symmetric Points. Fractal and Fractional, 2019, 3, 35.	1.6	1
208	A new subclass of meromorphic multivalent close-to-convex functions associated with Janowski functions. Filomat, 2016, 30, 2389-2395.	0.2	1
209	On a subclass of multivalent close to convex functions. Publications De L'Institut Mathematique, 2017, 101, 161-168.	0.3	1
210	To Remain, Migrate Abroad or Resettle: A complex dynamic process affecting Pakistani physicians's career decisions. Asia Pacific Journal of Health Management, 2006, 14, 37-47.	0.6	1
211	Generalized integral operators related with p -valent analytic functions. Mathematical Inequalities and Applications, 2009, , 91-98.	0.1	1
212	Optimum solutions of space fractional order diffusion equation. Thermal Science, 2018, 22, 329-339.	0.5	1
213	On approximate solutions of fractional order partial differential equations. Thermal Science, 2018, 22, 287-299.	0.5	1
214	Monotone Iterative Technique and Ulam-Hyers Stability Analysis for Nonlinear Fractional Order Differential Equations with Integral Boundary Value Conditions. European Journal of Pure and Applied Mathematics, 2019, 12, 432-447.	0.1	1
215	On some subclasses k -uniformly Janowski starlike and convex functions associated with t -symmetric points. , 2020, 49, 716-726.	0.3	1
216	Relationship of the Bernardi integral operator with certain classes of analytic functions. Miskolc Mathematical Notes, 2020, 21, 575.	0.3	1

#	ARTICLE	IF	CITATIONS
217	New Criteria for Meromorphic Multivalent Alpha-Convex Functions. Journal of Applied Mathematics, 2013, 2013, 1-6.	0.4	0
218	Coefficient Inequalities of Analytic Functions Related to Robertson Functions. Journal of Mathematics, 2013, 2013, 1-4.	0.5	0
219	On Geometric Properties of Normalized Hyper-Bessel Functions. Mathematics, 2019, 7, 316.	1.1	0
220	On some subfamilies of holomorphic mappings associated with symmetrical points. Boletin De La Sociedad Matematica Mexicana, 2019, 25, 339-349.	0.2	0
221	The Fractional View Analysis of Polytropic Gas, Unsteady Flow System. Mathematical Problems in Engineering, 2021, 2021, 1-17.	0.6	0
222	On a subclass related to Bazilevič-functions. AIMS Mathematics, 2020, 5, 2040-2056.	0.7	0
223	An Ultrasonically Actuated Fine Needle Enhances Biopsy Sample Yield. , 2020, , .		0