

Wathek Chammam

List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/3963641/publications.pdf](https://exaly.com/author-pdf/3963641/publications.pdf)

Version: 2024-02-01

41
papers

449
citations

855147

10
h-index

761154

19
g-index

42
all docs

42
docs citations

42
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Several identities and relations related to q-analogues of Pochhammer k-symbol with applications to Fussâ€“Catalanâ€“Qi numbers. Afrika Matematika, 2024, 35, .	0.8	0
2	Thermoeconomic assessment of an innovative combined cooling, heating, and power system based on biomass combustion, TCO ₂ cycle, absorption chiller, and desalination. Chemical Engineering Research and Design, 2024, 184, 151-169.	5.7	4
3	Assessment of boundary layer for flow of <scp>nonâ€“Newtonian</scp> material induced by a moving belt with power law viscosity and thermal conductivity models. Numerical Methods for Partial Differential Equations, 2023, 39, 1827-1840.	3.7	5
4	Darcyâ€“Forchheimer higher-order slip flow of Eyringâ€“Powell nanofluid with nonlinear thermal radiation and bioconvection phenomenon. Journal of Dispersion Science and Technology, 2023, 44, 225-235.	2.4	45
5	Galerkin finite element analysis for peristaltic flow of micropolar fluid through porous soaked inclined tube independent of wavelength. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2022, 236, 1067-1075.	2.5	5
6	Performance analysis of biodegradable materials for orthopedic applications. Materials Today Communications, 2022, 31, 103167.	2.0	15
7	Thermally radiative flow of Williamson nanofluid containing microorganisms with applications of heat source and activation energy. International Journal of Modern Physics C, 2022, 33, .	1.6	1
8	Maclaurin symmetric mean aggregation operators based on cubic Pythagorean linguistic fuzzy number. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 1925-1942.	5.3	10
9	Epidemiology of coronaviruses, genetics, vaccines, and scenario of current pandemic of coronavirus diseases 2019 (COVID-19): a fuzzy set approach. Human Vaccines and Immunotherapeutics, 2021, 17, 1296-1303.	3.3	4
10	Wick Symbol Transform with Its Application to the $(p, \hat{A}q)$ -Square Oscillator White Noise Algebra. Iranian Journal of Science and Technology, Transaction A: Science, 2021, 45, 1789-1797.	1.5	1
11	Numerical scrutiny of entropy generation and ferro-nanoliquid magnetic natural convection inside a complex enclosure subjected to thermal radiation. International Communications in Heat and Mass Transfer, 2021, 125, 105319.	5.7	8
12	Magnetohydrodynamic Time Dependent 3-D Simulations for Casson Nano-Material Configured by Unsteady Stretched Surface with Thermal Radiation and Chemical Reaction Aspects. Journal of Nanofluids, 2021, 10, 232-245.	2.9	8
13	Applications of activation energy along with thermal and exponential space-based heat source in bioconvection assessment of magnetized third grade nanofluid over stretched cylinder/sheet. Case Studies in Thermal Engineering, 2021, 26, 101043.	5.8	36
14	Meta-computational techniques' for managing spare data: An application in off-pump heart surgery. Computer Methods and Programs in Biomedicine, 2021, 208, 106267.	4.9	0
15	Triple Diffusive Unsteady Flow of Eyringâ€“Powell Nanofluid Over a Periodically Accelerated Surface With Variable Thermal Features. Frontiers in Physics, 2020, 8, .	2.2	12
16	Extensions of Dombi Aggregation Operators for Decision Making under <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mi>m</mml:mi></mml:math>-Polar Fuzzy Information. Journal of Mathematics, 2020, 2020, 1-20.	1.0	20
17	Some New Connection Relations Related to Classical Orthogonal Polynomials. Journal of Mathematics, 2020, 2020, 1-6.	1.0	0
18	BMT: Bioinformatics mini toolbox for comprehensive DNA and protein analysis. Genomics, 2020, 112, 4561-4566.	2.9	10

#	ARTICLE	IF	CITATIONS
19	Modeling and theoretical investigation of curved parabolized surface of second-order velocity slip flow: Combined analysis of entropy generation and activation energy. <i>Modern Physics Letters B</i> , 2020, 34, 2050383.	1.9	19
20	An Analytic Characterization of p, q -White Noise Functionals. <i>Journal of Mathematics</i> , 2020, 2020, 1-8.	1.0	1
21	Catalan q -Numbers, Series Involving the Catalan q -Numbers and a Hankel Determinant Evaluation. <i>Journal of Mathematics</i> , 2020, 2020, 1-8.	1.0	2
22	A New Dispersion Control Chart for Handling the Neutrosophic Data. <i>IEEE Access</i> , 2020, 8, 96006-96015.	4.4	15
23	Mathematical modeling and chemical conduct considering non-Newtonian nanofluid by utilizing heat flux features. <i>Soft Computing</i> , 2020, 24, 11829-11839.	3.8	6
24	Modeling and interpretation of peristaltic transport in single wall carbon nanotube flow with entropy optimization and Newtonian heating. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 192, 105435.	4.9	51
25	Classical orthogonal polynomials via a second-order linear differential operators. <i>Indian Journal of Pure and Applied Mathematics</i> , 2020, 51, 689-703.	0.5	0
26	Design of S-control chart for neutrosophic data: An application to manufacturing industry. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 38, 4743-4751.	1.6	23
27	Detection and severity of tumor cells by graded decision-making methods under fuzzy N-soft model. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 1303-1318.	1.6	11
28	Evaluating the characteristics of magnetic dipole for shear-thinning Williamson nanofluid with thermal radiation. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 191, 105396.	4.9	87
29	The Generalized Neutrosophic Cubic Aggregation Operators and Their Application to Multi-Expert Decision-Making Method. <i>Symmetry</i> , 2020, 12, 496.	2.3	8
30	The centroid of the zeroes of a polynomial via certain Laguerre q -type operators. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 2656-2664.	2.2	0
31	Similarity Measures between Temporal Complex Intuitionistic Fuzzy Sets and Application in Pattern Recognition and Medical Diagnosis. <i>Discrete Dynamics in Nature and Society</i> , 2019, 2019, 1-16.	0.9	5
32	New relation formula for generating functions. <i>Periodica Mathematica Hungarica</i> , 2019, 79, 204-209.	0.8	0
33	Generalized harmonic numbers, Jacobi numbers and a Hankel determinant evaluation. <i>Integral Transforms and Special Functions</i> , 2019, 30, 581-593.	1.3	4
34	Several formulas and identities related to Catalan- q and q -Catalan- q numbers. <i>Indian Journal of Pure and Applied Mathematics</i> , 2019, 50, 1039-1048.	0.5	4
35	A New Discrete Representation of Linear Functionals. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 1829-1833.	1.5	1
36	ON FORMAL CONTINUED FRACTIONS RELATED TO POWER SERIES EXPANSION. <i>JP Journal of Algebra, Number Theory and Applications</i> , 2018, 40, 333-340.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Orthogonal polynomials, Catalan numbers, and a general Hankel determinant evaluation. <i>Linear Algebra and Its Applications</i> , 2012, 436, 2105-2116.	0.9	7
38	Research on consistency of identifying solitary pulmonary masses with CT. <i>Journal of Nanjing Medical University</i> , 2008, 22, 250-254.	0.1	0
39	Thermal efficiency and stability of copper-alumina nanoparticles with Darcy-Forchheimer effects. <i>Waves in Random and Complex Media</i> , 0, , 1-21.	2.7	3
40	Hankel determinant of linear combination of the shifted catalan numbers. <i>Linear and Multilinear Algebra</i> , 0, , 1-20.	0.9	1
41	Several formulas and identities related to the Pochhammer k -symbol and application to a case of the Fussâ€Catalanâ€Qi numbers. <i>Indian Journal of Pure and Applied Mathematics</i> , 0, , .	0.5	0