

Wathek Chammam

List of Publications by Year in descending order

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41
papers

449
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855147

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42
all docs

42
docs citations

42
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Darcy–Forchheimer higher-order slip flow of Eyring–Powell nanofluid with nonlinear thermal radiation and bioconvection phenomenon. <i>Journal of Dispersion Science and Technology</i> , 2023, 44, 225-235.	2.4	45
4	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. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101043.	5.8	36
5	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
6	Extensions of Dombi Aggregation Operators for Decision Making under $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Polar Fuzzy Information. <i>Journal of Mathematics</i> , 2020, 2020, 1-20.	1.0	20
7	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
8	A New Dispersion Control Chart for Handling the Neutrosophic Data. <i>IEEE Access</i> , 2020, 8, 96006-96015.	4.4	15
9	Performance analysis of biodegradable materials for orthopedic applications. <i>Materials Today Communications</i> , 2022, 31, 103167.	2.0	15
10	Triple Diffusive Unsteady Flow of Eyring–Powell Nanofluid Over a Periodically Accelerated Surface With Variable Thermal Features. <i>Frontiers in Physics</i> , 2020, 8, .	2.2	12
11	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
12	BMT: Bioinformatics mini toolbox for comprehensive DNA and protein analysis. <i>Genomics</i> , 2020, 112, 4561-4566.	2.9	10
13	Maclaurin symmetric mean aggregation operators based on cubic Pythagorean linguistic fuzzy number. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 1925-1942.	5.3	10
14	The Generalized Neutrosophic Cubic Aggregation Operators and Their Application to Multi-Expert Decision-Making Method. <i>Symmetry</i> , 2020, 12, 496.	2.3	8
15	Numerical scrutiny of entropy generation and ferro-nanoliquid magnetic natural convection inside a complex enclosure subjected to thermal radiation. <i>International Communications in Heat and Mass Transfer</i> , 2021, 125, 105319.	5.7	8
16	Magnetohydrodynamic Time Dependent 3-D Simulations for Casson Nano-Material Configured by Unsteady Stretched Surface with Thermal Radiation and Chemical Reaction Aspects. <i>Journal of Nanofluids</i> , 2021, 10, 232-245.	2.9	8
17	Orthogonal polynomials, Catalan numbers, and a general Hankel determinant evaluation. <i>Linear Algebra and Its Applications</i> , 2012, 436, 2105-2116.	0.9	7
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Assessment of boundary layer for flow of κ -Newtonian material induced by a moving belt with power law viscosity and thermal conductivity models. <i>Numerical Methods for Partial Differential Equations</i> , 2023, 39, 1827-1840.	3.7	5
21	Galerkin finite element analysis for peristaltic flow of micropolar fluid through porous soaked inclined tube independent of wavelength. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2022, 236, 1067-1075.	2.5	5
22	Generalized harmonic numbers, Jacobi numbers and a Hankel determinant evaluation. <i>Integral Transforms and Special Functions</i> , 2019, 30, 581-593.	1.3	4
23	Several formulas and identities related to Catalan-Qi and q-Catalan-Qi numbers. <i>Indian Journal of Pure and Applied Mathematics</i> , 2019, 50, 1039-1048.	0.5	4
24	Epidemiology of coronaviruses, genetics, vaccines, and scenario of current pandemic of coronavirus diseases 2019 (COVID-19): a fuzzy set approach. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 1296-1303.	3.3	4
25	Thermoeconomic assessment of an innovative combined cooling, heating, and power system based on biomass combustion, TCO ₂ cycle, absorption chiller, and desalination. <i>Chemical Engineering Research and Design</i> , 2024, 184, 151-169.	5.7	4
26	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
27	Catalan-Qi Numbers, Series Involving the Catalan-Qi Numbers and a Hankel Determinant Evaluation. <i>Journal of Mathematics</i> , 2020, 2020, 1-8.	1.0	2
28	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
29	An Analytic Characterization of p, q -White Noise Functionals. <i>Journal of Mathematics</i> , 2020, 2020, 1-8.	1.0	1
30	Wick Symbol Transform with Its Application to the $(p, \hat{A}q)$ -Square Oscillator White Noise Algebra. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 1789-1797.	1.5	1
31	Thermally radiative flow of Williamson nanofluid containing microorganisms with applications of heat source and activation energy. <i>International Journal of Modern Physics C</i> , 2022, 33, .	1.6	1
32	Hankel determinant of linear combination of the shifted catalan numbers. <i>Linear and Multilinear Algebra</i> , 0, , 1-20.	0.9	1
33	Research on consistency of identifying solitary pulmonary masses with CT. <i>Journal of Nanjing Medical University</i> , 2008, 22, 250-254.	0.1	0
34	New relation formula for generating functions. <i>Periodica Mathematica Hungarica</i> , 2019, 79, 204-209.	0.8	0
35	Some New Connection Relations Related to Classical Orthogonal Polynomials. <i>Journal of Mathematics</i> , 2020, 2020, 1-6.	1.0	0
36	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

#	ARTICLE	IF	CITATIONS
37	Meta-computational techniques' for managing spare data: An application in off-pump heart surgery. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 208, 106267.	4.9	0
38	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
39	The centroid of the zeroes of a polynomial via certain Laguerre-type operators. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 2656-2664.	2.2	0
40	Several identities and relations related to q-analogues of Pochhammer k-symbol with applications to Fuss-Catalan Qi numbers. <i>Afrika Matematika</i> , 2024, 35, .	0.8	0
41	Several formulas and identities related to the Pochhammer k-symbol and application to a case of the Fuss-Catalan Qi numbers. <i>Indian Journal of Pure and Applied Mathematics</i> , 0, , .	0.5	0