

Hanan Alolaiyan

List of Publications by Year in descending order

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papers

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323
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Double Diffusion Convection on Third Grade Nanofluid through a Curved Compliant Peristaltic Channel. <i>Coatings</i> , 2020, 10, 154.	2.6	67
2	Time series forecasting of COVID-19 transmission in Asia Pacific countries using deep neural networks. <i>Personal and Ubiquitous Computing</i> , 2023, 27, 733-750.	2.8	52
3	A Novel Method for Generation of Strong Substitution-Boxes Based on Coset Graphs and Symmetric Groups. <i>IEEE Access</i> , 2020, 8, 75473-75490.	4.2	51
4	Comparison of Pre and Post-Action of a Finite Abelian Group Over Certain Nonlinear Schemes. <i>IEEE Access</i> , 2020, 8, 39781-39792.	4.2	35
5	A Novel Algebraic Structure of $(\hat{1}, \hat{1}^2)$ -Complex Fuzzy Subgroups. <i>Entropy</i> , 2021, 23, 992.	2.2	20
6	A Novel MADM Framework under q-Rung Orthopair Fuzzy Bipolar Soft Sets. <i>Mathematics</i> , 2021, 9, 2163.	2.2	19
7	A Novel Group Theoretic and Graphical Approach for Designing Cryptographically Strong Nonlinear Components of Block Ciphers. <i>Wireless Personal Communications</i> , 2021, 116, 3165-3190.	2.7	17
8	Convective Heat Transfer and Magnetohydrodynamics across a Peristaltic Channel Coated with Nonlinear Nanofluid. <i>Coatings</i> , 2019, 9, 816.	2.6	16
9	Certain polynomials and related topological indices for the series of benzenoid graphs. <i>Scientific Reports</i> , 2019, 9, 9129.	3.3	14
10	On Structural Properties of $\hat{1}/4$ -Complex Fuzzy Sets and Their Applications. <i>Complexity</i> , 2020, 2020, 1-13.	1.6	13
11	A natural selection of a graphic contraction transformation in fuzzy metric spaces. <i>Journal of Nonlinear Science and Applications</i> , 2018, 11, 218-227.	1.0	7
12	On Fundamental Theorems of t-Intuitionistic Fuzzy Isomorphism of t-Intuitionistic Fuzzy Subgroups. <i>IEEE Access</i> , 2018, 6, 74547-74556.	4.2	6
13	Non-Conjugate Graphs Associated With Finite Groups. <i>IEEE Access</i> , 2019, 7, 122849-122853.	4.2	6
14	On some algebraic aspects of $\hat{1}$ -intuitionistic fuzzy subgroups. <i>Journal of Taibah University for Science</i> , 2020, 14, 463-469.	2.5	6
15	A Certain Structure of Bipolar Fuzzy Subrings. <i>Symmetry</i> , 2021, 13, 1397.	2.2	5
16	A Comprehensive Overview on the Formation of Homomorphic Copies in Coset Graphs for the Modular Group. <i>Journal of Mathematics</i> , 2021, 2021, 1-11.	1.0	5
17	Characterization of a b-metric space completeness via the existence of a fixed point of Ciric-Suzuki type quasi-contractive multivalued operators and applications. <i>Analele Stiintifice Ale Universitatii Ovidius Constanta, Seria Matematica</i> , 2019, 27, 5-33.	0.3	3
18	On $\hat{1}$ -Interval Valued Fuzzification of Lagrange's Theorem of $\hat{1}$ -Interval Valued Fuzzy Subgroups. <i>IEEE Access</i> , 2020, 8, 96261-96270.	4.2	2

#	ARTICLE	IF	CITATIONS
19	Evolution of ambiguous numbers under the actions of a Bianchi group. Journal of Taibah University for Science, 2020, 14, 615-620.	2.5	1
20	Magic Labeling of Various Line Graphs. Journal of Computational and Theoretical Nanoscience, 2017, 14, 5722-5726.	0.4	0
21	Counting of Distinct Equivalence Classes of Circuits in \mathbb{Z} -Space. Journal of Mathematics, 2022, 2022, 1-9.	1.0	0