

Mobeen Munir

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

830
citations

686830

13
h-index

525886

27
g-index

58
all docs

58
docs citations

58
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards peptide vaccines against Zika virus: Immunoinformatics combined with molecular dynamics simulations to predict antigenic epitopes of Zika viral proteins. <i>Scientific Reports</i> , 2016, 6, 37313.	1.6	98
2	M-Polynomial and Degree-Based Topological Indices of Polyhex Nanotubes. <i>Symmetry</i> , 2016, 8, 149.	1.1	92
3	M-Polynomial and Related Topological Indices of Nanostar Dendrimers. <i>Symmetry</i> , 2016, 8, 97.	1.1	90
4	M-Polynomials And Topological Indices Of Zigzag And Rhombic Benzenoid Systems. <i>Open Chemistry</i> , 2018, 16, 73-78.	1.0	57
5	M-Polynomials and topological indices of V-Phenylenic Nanotubes and Nanotori. <i>Scientific Reports</i> , 2017, 7, 8756.	1.6	56
6	M-Polynomials and Topological Indices of Titania Nanotubes. <i>Symmetry</i> , 2016, 8, 117.	1.1	55
7	Some Invariants of Circulant Graphs. <i>Symmetry</i> , 2016, 8, 134.	1.1	45
8	Computing Metric Dimension and Metric Basis of 2D Lattice of Alpha-Boron Nanotubes. <i>Symmetry</i> , 2018, 10, 300.	1.1	34
9	Some Computational Aspects of Boron Triangular Nanotubes. <i>Symmetry</i> , 2017, 9, 6.	1.1	22
10	On Molecular Descriptors of Carbon Nanocones. <i>Biomolecules</i> , 2018, 8, 92.	1.8	21
11	Some Algebraic Polynomials and Topological Indices of Generalized Prism and Toroidal Polyhex Networks. <i>Symmetry</i> , 2017, 9, 5.	1.1	18
12	Computational Analysis of topological indices of two Boron Nanotubes. <i>Scientific Reports</i> , 2018, 8, 14843.	1.6	17
13	Irregularity Molecular Descriptors of Hourglass, Jagged-Rectangle, and Triangular Benzenoid Systems. <i>Processes</i> , 2019, 7, 413.	1.3	14
14	Topological Characterizations and Index-Analysis of New Degree-Based Descriptors of Honeycomb Networks. <i>Symmetry</i> , 2018, 10, 478.	1.1	12
15	M-polynomials and topological indices of hex-derived networks. <i>Open Physics</i> , 2018, 16, 394-403.	0.8	12
16	Bounds for partition dimension of M-wheels. <i>Open Physics</i> , 2019, 17, 340-344.	0.8	12
17	Some Invariants of Jahangir Graphs. <i>Symmetry</i> , 2017, 9, 17.	1.1	11
18	Sharp bounds for partition dimension of generalized MÄbius ladders. <i>Open Mathematics</i> , 2018, 16, 1283-1290.	0.5	11

#	ARTICLE	IF	CITATIONS
19	Metric basis and metric dimension of 1-pentagonal carbon nanocone networks. Scientific Reports, 2020, 10, 19687.	1.6	11
20	Fault-Tolerant Metric Dimension of Generalized Wheels and Convex Polytopes. Mathematical Problems in Engineering, 2020, 2020, 1-8.	0.6	10
21	M-polynomials and topological indices of linear chains of benzene, naphthalene and anthracene. Mathematical Biosciences and Engineering, 2020, 17, 2384-2398.	1.0	10
22	Classification of compact homogeneous spaces with invariant G2-structures. Advances in Geometry, 2012, 12, 303-328.	0.2	9
23	Imbalance-Based Irregularity Molecular Descriptors of Nanostar Dendrimers. Processes, 2019, 7, 517.	1.3	8
24	Laplacian and signless laplacian spectra and energies of multi-step wheels. Mathematical Biosciences and Engineering, 2020, 17, 3649-3659.	1.0	8
25	Distance and Adjacency Energies of Multi-Level Wheel Networks. Mathematics, 2019, 7, 43.	1.1	7
26	On Center, Periphery and Average Eccentricity for the Convex Polytopes. Symmetry, 2016, 8, 145.	1.1	6
27	Advances in the role of HCV nonstructural protein 5a (NS5A) of 3a genotype in inducing insulin resistance by possible phosphorylation of AKT/PKB. Scientific Reports, 2019, 9, 6150.	1.6	3
28	Stanley Depth of Edge Ideals of Some Wheel-Related Graphs. Mathematics, 2019, 7, 202.	1.1	3
29	On the Lie triple derivations. Linear and Multilinear Algebra, 2022, 70, 6084-6095.	0.5	3
30	Some Fixed Points Results of Quadratic Functions in Split Quaternions. Journal of Function Spaces, 2016, 2016, 1-5.	0.4	2
31	Fixed Points Results in Algebras of Split Quaternion and Octonion. Symmetry, 2018, 10, 405.	1.1	2
32	Computational Analysis of Imbalance-Based Irregularity Indices of Boron Nanotubes. Processes, 2019, 7, 678.	1.3	2
33	On the Metric Dimension of Generalized Tensor Product of Interval with Paths and Cycles. Journal of Mathematics, 2020, 2020, 1-6.	0.5	2
34	Polynomials and General Degree-Based Topological Indices of Generalized Sierpinski Networks. Complexity, 2021, 2021, 1-10.	0.9	2
35	Irregularity molecular descriptors of Cerium oxide CeO ₂ based on mathematical model and calculation. Arabian Journal of Chemistry, 2022, 15, 103567.	2.3	2
36	Some Recurrence Relations and Hilbert Series of Right-Angled Affine Artin Monoid		

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37	Some Metrical Properties of Lattice Graphs of Finite Groups. <i>Mathematics</i> , 2019, 7, 398.	1.1	1
38	Computational Analysis of new Degree-based descriptors of oxide networks. <i>Open Chemistry</i> , 2019, 17, 177-182.	1.0	1
39	Power graphs and exchange property for resolving sets. <i>Open Mathematics</i> , 2019, 17, 1303-1309.	0.5	1
40	Molecular Irregularity Indices of Nanostar, Fullerene, and Polymer Dendrimers. <i>Journal of Chemistry</i> , 2020, 2020, 1-12.	0.9	1
41	Wiener and Hyper-Wiener Indices of Polygonal Cylinder and Torus. <i>Complexity</i> , 2021, 2021, 1-15.	0.9	1
42	On the Khovanov Homology of 2- and 3-Strand Braid Links. <i>Advances in Pure Mathematics</i> , 2016, 06, 481-491.	0.1	1
43	STRONG CONVERGENCE OF NEW VISCOSITY RULES OF NONEXPANSIVE MAPPINGS. <i>Journal of Applied Mathematics & Informatics</i> , 2017, 35, 423-438.	0.1	1
44	Calculation of Wiener Indices of Thiazolides: The Potent Inhibitors of Hepatitis B Virus and Hepatitis C Virus Replication. <i>Hepatitis Monthly</i> , 2018, 18, .	0.1	1
45	Analysis of irregularity measures of zigzag, rhombic, and honeycomb benzenoid systems. <i>Open Physics</i> , 2020, 18, 1146-1153.	0.8	1
46	Lie symmetries of Benjamin-Ono equation. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 9496-9510.	1.0	1
47	Khovanov Homology of Three-Strand Braid Links. <i>Symmetry</i> , 2018, 10, 720.	1.1	0
48	On right-angled spherical Artin monoid of type D_n . <i>Open Physics</i> , 2018, 16, 441-447.	0.8	0
49	If 4-convex vectors are closed in uniform norms then their second derivatives are also closed in weighted L_2 -norm. <i>Turkish Journal of Mathematics</i> , 2018, 42, 2091-2100.	0.3	0
50	Recurrence Relations and Hilbert Series of the Monoid Associated with Star Topology. <i>Journal of Mathematics</i> , 2020, 2020, 1-6.	0.5	0
51	Lie Symmetry Analysis for the General Classes of Generalized Modified Kuramoto-Sivashinsky Equation. <i>Journal of Function Spaces</i> , 2021, 2021, 1-8.	0.4	0
52	NON-CONVEX HYBRID ALGORITHMS FOR A FAMILY OF COUNTABLE QUASI-LIPSCHITZ MAPPINGS CORRESPONDING TO KHAN ITERATIVE PROCESS AND APPLICATIONS. <i>Journal of Applied Mathematics & Informatics</i> , 2017, 35, 313-321.	0.1	0
53	Stanley Depth of the Edge Ideal of Extended Gear Networks and Application in Circuit Analysis. <i>Journal of Mathematics</i> , 2022, 2022, 1-8.	0.5	0