

Mobeen Munir

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

570
citations

11
h-index

23
g-index

58
ext. papers

665
ext. citations

2.2
avg. IF

4.08
L-index

#	Paper	IF	Citations
50	Irregularity molecular descriptors of Cerium oxide CeO ₂ based on mathematical model and calculation. <i>Arabian Journal of Chemistry</i> , 2022 , 15, 103567	5.9	0
49	Lie symmetries of Benjamin-Ono equation. <i>Mathematical Biosciences and Engineering</i> , 2021 , 18, 9496-9510	10.1	0
48	Lie Symmetry Analysis for the General Classes of Generalized Modified Kuramoto-Sivashinsky Equation. <i>Journal of Function Spaces</i> , 2021 , 2021, 1-8	0.8	0
47	Wiener and Hyper-Wiener Indices of Polygonal Cylinder and Torus. <i>Complexity</i> , 2021 , 2021, 1-15	1.6	1
46	Polynomials and General Degree-Based Topological Indices of Generalized Sierpinski Networks. <i>Complexity</i> , 2021 , 2021, 1-10	1.6	2
45	Molecular Irregularity Indices of Nanostar, Fullerene, and Polymer Dendrimers. <i>Journal of Chemistry</i> , 2020 , 2020, 1-12	2.3	1
44	Laplacian and signless laplacian spectra and energies of multi-step wheels. <i>Mathematical Biosciences and Engineering</i> , 2020 , 17, 3649-3659	2.1	1
43	M-polynomials and topological indices of linear chains of benzene, naphthalene and anthracene. <i>Mathematical Biosciences and Engineering</i> , 2020 , 17, 2384-2398	2.1	3
42	Analysis of irregularity measures of zigzag, rhombic, and honeycomb benzenoid systems. <i>Open Physics</i> , 2020 , 18, 1146-1153	1.3	1
41	Metric basis and metric dimension of 1-pentagonal carbon nanocone networks. <i>Scientific Reports</i> , 2020 , 10, 19687	4.9	7
40	Fault-Tolerant Metric Dimension of Generalized Wheels and Convex Polytopes. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-8	1.1	7
39	Recurrence Relations and Hilbert Series of the Monoid Associated with Star Topology. <i>Journal of Mathematics</i> , 2020 , 2020, 1-6	1.2	0
38	On the Metric Dimension of Generalized Tensor Product of Interval with Paths and Cycles. <i>Journal of Mathematics</i> , 2020 , 2020, 1-6	1.2	1
37	Some Metrical Properties of Lattice Graphs of Finite Groups. <i>Mathematics</i> , 2019 , 7, 398	2.3	0
36	Advances in the role of HCV nonstructural protein 5a (NS5A) of 3a genotype in inducing insulin resistance by possible phosphorylation of AKT/PKB. <i>Scientific Reports</i> , 2019 , 9, 6150	4.9	3
35	Distance and Adjacency Energies of Multi-Level Wheel Networks. <i>Mathematics</i> , 2019 , 7, 43	2.3	2
34	Irregularity Molecular Descriptors of Hourglass, Jagged-Rectangle, and Triangular Benzenoid Systems. <i>Processes</i> , 2019 , 7, 413	2.9	9

33	Imbalance-Based Irregularity Molecular Descriptors of Nanostar Dendrimers. <i>Processes</i> , 2019 , 7, 517	2.9	6
32	Stanley Depth of Edge Ideals of Some Wheel-Related Graphs. <i>Mathematics</i> , 2019 , 7, 202	2.3	1
31	Computational Analysis of Imbalance-Based Irregularity Indices of Boron Nanotubes. <i>Processes</i> , 2019 , 7, 678	2.9	1
30	Computational Analysis of new Degree-based descriptors of oxide networks. <i>Open Chemistry</i> , 2019 , 17, 177-182	1.6	1
29	Power graphs and exchange property for resolving sets. <i>Open Mathematics</i> , 2019 , 17, 1303-1309	0.8	1
28	Bounds for partition dimension of M-wheels. <i>Open Physics</i> , 2019 , 17, 340-344	1.3	7
27	Calculation of Wiener Indices of Thiazolides: The Potent Inhibitors of Hepatitis B Virus and Hepatitis C Virus Replication. <i>Hepatitis Monthly</i> , 2018 , 18,	1.8	1
26	Khovanov Homology of Three-Strand Braid Links. <i>Symmetry</i> , 2018 , 10, 720	2.7	
25	Topological Characterizations and Index-Analysis of New Degree-Based Descriptors of Honeycomb Networks. <i>Symmetry</i> , 2018 , 10, 478	2.7	6
24	Fixed Points Results in Algebras of Split Quaternion and Octonion. <i>Symmetry</i> , 2018 , 10, 405	2.7	2
23	Some Recurrence Relations and Hilbert Series of Right-Angled Affine Artin Monoid $M(D \sim n)$ <i>Journal of Function Spaces</i> , 2018 , 2018, 1-6	0.8	1
22	Sharp bounds for partition dimension of generalized Möbius ladders. <i>Open Mathematics</i> , 2018 , 16, 1283-1290	2.9	6
21	On Molecular Descriptors of Carbon Nanocones. <i>Biomolecules</i> , 2018 , 8,	5.9	16
20	On right-angled spherical Artin monoid of type D_n . <i>Open Physics</i> , 2018 , 16, 441-447	1.3	
19	Computational Analysis of topological indices of two Boron Nanotubes. <i>Scientific Reports</i> , 2018 , 8, 14843	4.9	10
18	Computing Metric Dimension and Metric Basis of 2D Lattice of Alpha-Boron Nanotubes. <i>Symmetry</i> , 2018 , 10, 300	2.7	24
17	M-polynomials and topological indices of hex-derived networks. <i>Open Physics</i> , 2018 , 16, 394-403	1.3	10
16	M-Polynomials And Topological Indices Of Zigzag And Rhombic Benzenoid Systems. <i>Open Chemistry</i> , 2018 , 16, 73-78	1.6	39

15	Some Computational Aspects of Boron Triangular Nanotubes. <i>Symmetry</i> , 2017 , 9, 6	2.7	18
14	M-Polynomials and topological indices of V-Phenylenic Nanotubes and Nanotori. <i>Scientific Reports</i> , 2017 , 7, 8756	4.9	43
13	Some Algebraic Polynomials and Topological Indices of Generalized Prism and Toroidal Polyhex Networks. <i>Symmetry</i> , 2017 , 9, 5	2.7	12
12	Some Invariants of Jahangir Graphs. <i>Symmetry</i> , 2017 , 9, 17	2.7	6
11	On the Khovanov Homology of 2- and 3-Strand Braid Links. <i>Advances in Pure Mathematics</i> , 2016 , 06, 481-491	0.8	1
10	Some Fixed Points Results of Quadratic Functions in Split Quaternions. <i>Journal of Function Spaces</i> , 2016 , 2016, 1-5	0.8	2
9	M-Polynomial and Related Topological Indices of Nanostar Dendrimers. <i>Symmetry</i> , 2016 , 8, 97	2.7	66
8	M-Polynomials and Topological Indices of Titania Nanotubes. <i>Symmetry</i> , 2016 , 8, 117	2.7	40
7	Some Invariants of Circulant Graphs. <i>Symmetry</i> , 2016 , 8, 134	2.7	35
6	On Center, Periphery and Average Eccentricity for the Convex Polytopes. <i>Symmetry</i> , 2016 , 8, 145	2.7	6
5	M-Polynomial and Degree-Based Topological Indices of Polyhex Nanotubes. <i>Symmetry</i> , 2016 , 8, 149	2.7	70
4	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	4.9	83
3	Classification of compact homogeneous spaces with invariant G2-structures. <i>Advances in Geometry</i> , 2012 , 12, 303-328	0.5	6
2	Some Computational Aspects of Triangular Boron Nanotubes		3
1	On the Lie triple derivations. <i>Linear and Multilinear Algebra</i> , 1-12	0.7	1