

Muhammad Imran

List of Publications by Citations

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276
papers

4,744
citations

36
h-index

56
g-index

294
ext. papers

6,126
ext. citations

2.8
avg, IF

6.64
L-index

#	Paper	IF	Citations
276	Software-Defined Industrial Internet of Things in the Context of Industry 4.0. <i>IEEE Sensors Journal</i> , 2016 , 1-1	4	259
275	Mobile Crowd Sensing for Traffic Prediction in Internet of Vehicles. <i>Sensors</i> , 2016 , 16,	3.8	161
274	Adaptive Transmission Optimization in SDN-Based Industrial Internet of Things With Edge Computing. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 1351-1360	10.7	135
273	A Deep Learning-Based Framework for Automatic Brain Tumors Classification Using Transfer Learning. <i>Circuits, Systems, and Signal Processing</i> , 2020 , 39, 757-775	2.2	116
272	Computation of topological indices of certain networks. <i>Applied Mathematics and Computation</i> , 2014 , 240, 213-228	2.7	112
271	Forgotten topological index of chemical structure in drugs. <i>Saudi Pharmaceutical Journal</i> , 2016 , 24, 258-264	1.4	111
270	On Zagreb indices, Zagreb polynomials of some nanostar dendrimers. <i>Applied Mathematics and Computation</i> , 2016 , 280, 132-139	2.7	110
269	Big data analytics for preventive medicine. <i>Neural Computing and Applications</i> , 2019 , 32, 1-35	4.8	109
268	Big data analytics for manufacturing internet of things: opportunities, challenges and enabling technologies. <i>Enterprise Information Systems</i> , 2020 , 14, 1279-1303	3.5	93
267	A Hybrid Computing Solution and Resource Scheduling Strategy for Edge Computing in Smart Manufacturing. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 4225-4234	11.9	81
266	PEGylation: a promising strategy to overcome challenges to cancer-targeted nanomedicines: a review of challenges to clinical transition and promising resolution. <i>Drug Delivery and Translational Research</i> , 2019 , 9, 721-734	6.2	66
265	A Deep Learning Model Based on Concatenation Approach for the Diagnosis of Brain Tumor. <i>IEEE Access</i> , 2020 , 8, 55135-55144	3.5	61
264	On topological indices of poly oxide, poly silicate, DOX, and DSL networks. <i>Canadian Journal of Chemistry</i> , 2015 , 93, 730-739	0.9	60
263	Refining Parkinson's neurological disorder identification through deep transfer learning. <i>Neural Computing and Applications</i> , 2020 , 32, 839-854	4.8	60
262	Reconfigurable Smart Factory for Drug Packing in Healthcare Industry 4.0. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 507-516	11.9	59
261	Mobile ad hoc cloud: A survey. <i>Wireless Communications and Mobile Computing</i> , 2016 , 16, 2572-2589	1.9	59
260	Efficient Brain Tumor Segmentation With Multiscale Two-Pathway-Group Conventional Neural Networks. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019 , 23, 1911-1919	7.2	56

259	Molecularly Characterized Solvent Extracts and Saponins from Polygonum hydropiper L. Show High Anti-Angiogenic, Anti-Tumor, Brine Shrimp, and Fibroblast NIH/3T3 Cell Line Cytotoxicity. <i>Frontiers in Pharmacology</i> , 2016 , 7, 74	5.6	53
258	On topological indices of certain interconnection networks. <i>Applied Mathematics and Computation</i> , 2014 , 244, 936-951	2.7	50
257	Secure Authentication for Remote Patient Monitoring with Wireless Medical Sensor Networks. <i>Sensors</i> , 2016 , 16, 424	3.8	50
256	Computation of Certain Topological Indices of Nanotubes Covered by C5 and C7. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 533-541	0.3	47
255	Delay and energy consumption analysis of priority guaranteed MAC protocol for wireless body area networks. <i>Wireless Networks</i> , 2017 , 23, 1249-1266	2.5	44
254	Gum tragacanth stabilized green gold nanoparticles as cargos for Naringin loading: A morphological investigation through AFM. <i>Carbohydrate Polymers</i> , 2017 , 174, 243-252	10.3	44
253	On Topological Indices of Fractal and Cayley Tree Type Dendrimers. <i>Discrete Dynamics in Nature and Society</i> , 2018 , 2018, 1-11	1.1	43
252	Computing the forgotten topological index of four operations on graphsPeer review under responsibility of Kalasalingam University.View all notes. <i>AKCE International Journal of Graphs and Combinatorics</i> , 2017 , 14, 70-79	0.5	40
251	On Topological Properties of Symmetric Chemical Structures. <i>Symmetry</i> , 2018 , 10, 173	2.7	40
250	A Blockchain Model for Fair Data Sharing in Deregulated Smart Grids 2019 ,		40
249	Cloud Based Secure Service Providing for IoTs Using Blockchain 2019 ,		40
248	Emergency Message Dissemination Schemes Based on Congestion Avoidance in VANET and Vehicular FoG Computing. <i>IEEE Access</i> , 2019 , 7, 1570-1585	3.5	40
247	Synthesis of chitosan coated metal organic frameworks (MOFs) for increasing vancomycin bactericidal potentials against resistant S. aureus strain. <i>Materials Science and Engineering C</i> , 2019 , 105, 110111	8.3	39
246	On Distance-Based Topological Descriptors of Subdivision Vertex-Edge Join of Three Graphs. <i>IEEE Access</i> , 2019 , 7, 143381-143391	3.5	38
245	Efficient Data Gathering in 3D Linear Underwater Wireless Sensor Networks Using Sink Mobility. <i>Sensors</i> , 2016 , 16,	3.8	38
244	On Wiener index and Wiener polarity index of some polyomino chains. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019 , 22, 1151-1164	1.7	38
243	On the metric dimension of circulant graphs. <i>Applied Mathematics Letters</i> , 2012 , 25, 320-325	3.5	37
242	Traffic accident detection and condition analysis based on social networking data. <i>Accident Analysis and Prevention</i> , 2021 , 151, 105973	6.1	37

241	Performance Analysis of Different Types of Machine Learning Classifiers for Non-Technical Loss Detection. <i>IEEE Access</i> , 2020 , 8, 16033-16048	3.5	36
240	Cloud-based smart manufacturing for personalized candy packing application. <i>Journal of Supercomputing</i> , 2018 , 74, 4339-4357	2.5	36
239	Computation of Certain Topological Indices of Nanotubes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 70-76	0.3	34
238	Fault-Tolerant Resolvability and Extremal Structures of Graphs. <i>Mathematics</i> , 2019 , 7, 78	2.3	33
237	On families of convex polytopes with constant metric dimension. <i>Computers and Mathematics With Applications</i> , 2010 , 60, 2629-2638	2.7	32
236	Machine Learning Techniques for 5G and Beyond. <i>IEEE Access</i> , 2021 , 9, 23472-23488	3.5	32
235	Exact String Matching Algorithms: Survey, Issues, and Future Research Directions. <i>IEEE Access</i> , 2019 , 7, 69614-69637	3.5	31
234	Blending Big Data Analytics: Review on Challenges and a Recent Study. <i>IEEE Access</i> , 2020 , 8, 3629-3645	3.5	31
233	On molecular topological properties of hex-derived networks. <i>Journal of Chemometrics</i> , 2016 , 30, 121-129		30
232	A Hybrid and Secure Priority-Guaranteed MAC Protocol for Wireless Body Area Network. <i>International Journal of Distributed Sensor Networks</i> , 2014 , 10, 481761	1.7	30
231	Extending the Technology Acceptance Model for Use of e-Learning Systems by Digital Learners. <i>IEEE Access</i> , 2018 , 6, 73395-73404	3.5	30
230	Molecular description of carbon graphite and crystal cubic carbon structures. <i>Canadian Journal of Chemistry</i> , 2017 , 95, 674-686	0.9	28
229	Process Migration-Based Computational Offloading Framework for IoT-Supported Mobile Edge/Cloud Computing. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4171-4182	10.7	28
228	Characterizing the role of vehicular cloud computing in road traffic management. <i>International Journal of Distributed Sensor Networks</i> , 2017 , 13, 155014771770872	1.7	27
227	Gum acacia stabilized silver nanoparticles based nano-cargo for enhanced anti-arthritis potentials of hesperidin in adjuvant induced arthritic rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 597-607	6.1	27
226	Securing Internet of Medical Things with Friendly-jamming schemes. <i>Computer Communications</i> , 2020 , 160, 431-442	5.1	26
225	Fabrication of lecithin-gum tragacanth muco-adhesive hybrid nano-carrier system for in-vivo performance of Amphotericin B. <i>Carbohydrate Polymers</i> , 2018 , 194, 89-96	10.3	26
224	On topological properties of dominating David derived networks. <i>Canadian Journal of Chemistry</i> , 2016 , 94, 137-148	0.9	25

223	Topological properties of cellular neural networks. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 3605-3614	1.6	25
222	Congestion avoidance through fog computing in internet of vehicles. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019 , 10, 3863-3877	3.7	24
221	On Degree Based Topological Indices of Certain Nanotubes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015 , 12, 1599-1605	0.3	24
220	Isolation and characterization of gluten-degrading <i>Enterococcus mundtii</i> and <i>Wickerhamomyces anomalus</i> , potential probiotic strains from indigenously fermented sourdough (Khamir). <i>LWT - Food Science and Technology</i> , 2018 , 91, 271-277	5.4	24
219	On classes of regular graphs with constant metric dimension. <i>Acta Mathematica Scientia</i> , 2013 , 33, 187-206		24
218	Topological properties of benzenoid, phenylenes and nanostar dendrimers. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019 , 22, 1229-1248	1.7	24
217	Heterogeneity-Aware Task Allocation in Mobile Ad Hoc Cloud. <i>IEEE Access</i> , 2017 , 5, 1779-1795	3.5	23
216	Computing the metric dimension of wheel related graphs. <i>Applied Mathematics and Computation</i> , 2014 , 242, 624-632	2.7	23
215	On molecular topological properties of benzenoid structures. <i>Canadian Journal of Chemistry</i> , 2016 , 94, 687-698	0.9	22
214	Correlation between the Estrada index and π -electronic energies for benzenoid hydrocarbons with applications to boron nanotubes. <i>International Journal of Quantum Chemistry</i> , 2019 , 119, e26016	2.1	21
213	Bounds for the general sum-connectivity index of composite graphs. <i>Journal of Inequalities and Applications</i> , 2017 , 2017, 76	2.1	21
212	On Connectivity of Wireless Sensor Networks with Directional Antennas. <i>Sensors</i> , 2017 , 17,	3.8	21
211	Computing Eccentric Version of Second Zagreb Index of Polycyclic Aromatic Hydrocarbons (PAHk). <i>Applied Mathematics and Nonlinear Sciences</i> , 2016 , 1, 247-252	4	21
210	On Topological Indices of Certain Families of Nanostar Dendrimers. <i>Molecules</i> , 2016 , 21,	4.8	21
209	On the Metric Dimension of Generalized Petersen Multigraphs. <i>IEEE Access</i> , 2018 , 1-1	3.5	21
208	Domperidone nanocrystals with boosted oral bioavailability: fabrication, evaluation and molecular insight into the polymer-domperidone nanocrystal interaction. <i>Drug Delivery and Translational Research</i> , 2019 , 9, 284-297	6.2	20
207	Lightweight Searchable Encryption Protocol for Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4248-4259	11.9	20
206	Formal Specification and Validation of a Localized Algorithm for Segregation of Critical/Noncritical Nodes in MAHSNs. <i>International Journal of Distributed Sensor Networks</i> , 2014 , 10, 140973	1.7	19

205	Eccentricity based topological indices of honeycomb networks. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019 , 22, 1199-1213	1.7	19
204	Nanoclay-mediated photocatalytic activity enhancement of copper oxide nanoparticles for enhanced methyl orange photodegradation. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 8971-8985	2.1	19
203	On topological properties of sierpinski networks. <i>Chaos, Solitons and Fractals</i> , 2017 , 98, 199-204	9.3	18
202	Flow-Aware Elephant Flow Detection for Software-Defined Networks. <i>IEEE Access</i> , 2020 , 8, 72585-72597	3.5	18
201	Investigating Smart Home Security: Is Blockchain the Answer?. <i>IEEE Access</i> , 2020 , 8, 117802-117816	3.5	18
200	Topological Characterization of the Symmetrical Structure of Bismuth Tri-Iodide. <i>Symmetry</i> , 2018 , 10, 201	2.7	18
199	Topological aspects of metal-organic structure with the help of underlying networks. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103157	5.9	18
198	Modified eccentric descriptors of crystal cubic carbon. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019 , 22, 1215-1228	1.7	18
197	Design and synthesis of mixed micellar system for enhanced anticancer efficacy of Paclitaxel through its co-delivery with Naringin. <i>Drug Development and Industrial Pharmacy</i> , 2019 , 45, 703-714	3.6	18
196	Sourdough bread: A contemporary cereal fermented product. <i>Journal of Food Processing and Preservation</i> , 2019 , 43, e13883	2.1	18
195	Edge Mostar index of chemical structures and nanostructures using graph operations. <i>International Journal of Quantum Chemistry</i> , 2020 , 120, e26259	2.1	18
194	An Efficient Computational Technique for Degree and Distance Based Topological Descriptors With Applications. <i>IEEE Access</i> , 2019 , 7, 32276-32296	3.5	17
193	Resolvability and fault-tolerant resolvability structures of convex polytopes. <i>Theoretical Computer Science</i> , 2019 , 796, 114-128	1.1	17
192	CNN and GRU based Deep Neural Network for Electricity Theft Detection to Secure Smart Grid 2020 ,		17
191	The sharp bounds on general sum-connectivity index of four operations on graphs. <i>Journal of Inequalities and Applications</i> , 2016 , 2016,	2.1	17
190	An investigation of the drivers of social commerce and e-word-of-mouth intentions: Elucidating the role of social commerce in E-business. <i>Electronic Markets</i> , 2021 , 31, 181-195	4.8	17
189	An Application Development Framework for Internet-of-Things Service Orchestration. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4543-4556	10.7	16
188	A Multivariant Stream Analysis Approach to Detect and Mitigate DDoS Attacks in Vehicular Ad Hoc Networks. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-13	1.9	16

187	Energy Efficiency Perspectives of Femtocells in Internet of Things: Recent Advances and Challenges. <i>IEEE Access</i> , 2017 , 5, 26808-26818	3.5	16
186	Implementing Partitioning Detection and Connectivity Restoration in WSN Using VDM-SL 2015 ,		16
185	Formal verification and validation of a movement control actor relocation algorithm for safety-critical applications. <i>Wireless Networks</i> , 2016 , 22, 247-265	2.5	15
184	Blind Detection of Copy-Move Forgery in Digital Audio Forensics. <i>IEEE Access</i> , 2017 , 5, 12843-12855	3.5	15
183	Opuntioside, opuntiol and its metallic nanoparticles attenuate adjuvant-induced arthritis: Novel suppressors of Toll-like receptors -2 and -4. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 112, 108624	7.5	15
182	On molecular topological properties of dendrimers. <i>Canadian Journal of Chemistry</i> , 2016 , 94, 120-125	0.9	15
181	Eccentricity Based Topological Indices of an Oxide Network. <i>Mathematics</i> , 2018 , 6, 126	2.3	15
180	Synthesis of biocompatible triazole based non-ionic surfactant and its vesicular drug delivery investigation. <i>Chemistry and Physics of Lipids</i> , 2020 , 228, 104894	3.7	14
179	Performance analysis of machine learning classifiers for non-technical loss detection. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 1	3.7	14
178	Fault-Tolerant Metric Dimension of Interconnection Networks. <i>IEEE Access</i> , 2020 , 8, 145435-145445	3.5	14
177	CRT-BIoV: A Cognitive Radio Technique for Blockchain-Enabled Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4005-4015	6.1	14
176	Clustering-based real-time anomaly detection: A breakthrough in big data technologies. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3647	1.9	13
175	Reformulated Zagreb Indices of Some Derived Graphs. <i>Mathematics</i> , 2019 , 7, 366	2.3	13
174	On Valency-Based Molecular Topological Descriptors of Subdivision Vertex-Edge Join of Three Graphs. <i>Symmetry</i> , 2020 , 12, 1026	2.7	13
173	Evaluation of morphology, aggregation pattern and size-dependent drug-loading efficiency of gold nanoparticles stabilised with poly (2-vinyl pyridine). <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	13
172	Process state synchronization for mobility support in mobile cloud computing 2017 ,		13
171	On Multiple Zagreb Indices of TiO ₂ Nanotubes. <i>Acta Chimica Slovenica</i> , 2015 , 62, 973-6	1.9	13
170	Advertising through UAVs: Optimized path system for delivering smart real-estate advertisement materials. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 3429-3463	8.4	13

169	A novel countermeasure technique for reactive jamming attack in internet of things. <i>Multimedia Tools and Applications</i> , 2019 , 78, 29899-29920	2.5	13
168	Kinetic modeling of pyrolysis of three Iranian waste oils in a micro-fluidized bed. <i>Petroleum Science and Technology</i> , 2017 , 35, 183-189	1.4	12
167	Vertex PI v Topological Index of Titania Carbon Nanotubes TiO ₂ (m,n). <i>Applied Mathematics and Nonlinear Sciences</i> , 2016 , 1, 175-182	4	12
166	Quality testing of distance-based molecular descriptors for benzenoid hydrocarbons. <i>Journal of Molecular Structure</i> , 2020 , 1222, 128927	3.4	12
165	Computing multiple ABC index and multiple GA index of some grid graphs. <i>Open Physics</i> , 2018 , 16, 588-598		12
164	An Automatic Digital Audio Authentication/Forensics System. <i>IEEE Access</i> , 2017 , 5, 2994-3007	3.5	11
163	Exploration of target architecture for a wireless camera based sensor node 2010 ,		11
162	Model Compression for IoT Applications in Industry 4.0 via Multiscale Knowledge Transfer. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 6013-6022	11.9	11
161	Total eccentricity and average eccentricity indices of some chemical graphs: Carbon graphite and copper oxide. <i>Journal of Information and Optimization Sciences</i> , 2020 , 41, 905-924	1.1	11
160	Hadoop Based Real-Time Intrusion Detection for High-Speed Networks 2016 ,		11
159	Computing topological polynomials of mesh-derived networks. <i>Discrete Mathematics, Algorithms and Applications</i> , 2018 , 10, 1850077	0.5	11
158	Extremal unicyclic and bicyclic graphs with respect to the F-indexPeer review under responsibility of Kalasalingam University.View all notesThis research is supported by the grant of Higher Education Commission of Pakistan Ref. No. 20-367/NRPU/R&D/HEC/12/831.View all notes. <i>AKCE International Journal of Graphs and Combinatorics</i> , 2017 , 14, 80-91	0.5	10
157	Computing the Metric Dimension of Gear Graphs. <i>Symmetry</i> , 2018 , 10, 209	2.7	10
156	Computing Metric and Partition Dimension of 2-Dimensional Lattices of Certain Nanotubes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2014 , 11, 2419-2423	0.3	10
155	On Metric Dimensions of Symmetric Graphs Obtained by Rooted Product. <i>Mathematics</i> , 2018 , 6, 191	2.3	10
154	Is blockchain for Internet of Medical Things a panacea for COVID-19 pandemic?. <i>Pervasive and Mobile Computing</i> , 2021 , 75, 101434	3.5	10
153	Novel Face Index for Benzenoid Hydrocarbons. <i>Mathematics</i> , 2020 , 8, 312	2.3	9
152	On the general sum-connectivity index and general Randić index of cacti. <i>Journal of Inequalities and Applications</i> , 2016 , 2016,	2.1	9

151	Corniculatin A, a new flavonoidal glucoside from <i>Oxalis corniculata</i> . <i>Revista Brasileira De Farmacognosia</i> , 2013 , 23, 630-634	2	9
150	Degree-based topological indices of double graphs and strong double graphs. <i>Discrete Mathematics, Algorithms and Applications</i> , 2017 , 09, 1750066	0.5	9
149	Calculating degree-based topological indices of dominating David derived networks. <i>Open Physics</i> , 2017 , 15, 1015-1021	1.3	9
148	Metric Dimension and R-Sets of Connected Graphs. <i>Graphs and Combinatorics</i> , 2011 , 27, 585-591	0.5	9
147	Hardware Architecture for Real-Time Computation of Image Component Feature Descriptors on a FPGA. <i>International Journal of Distributed Sensor Networks</i> , 2014 , 10, 815378	1.7	9
146	On topological properties of poly honeycomb networks. <i>Periodica Mathematica Hungarica</i> , 2016 , 73, 100-119	0.4	9
145	A Cooperative Heterogeneous Vehicular Clustering Mechanism for Road Traffic Management. <i>International Journal of Parallel Programming</i> , 2020 , 48, 870-889	1.5	9
144	Intelligent IoT Framework for Indoor Healthcare Monitoring of Parkinson Disease Patient. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 593-602	14.2	9
143	Enhanced therapeutic efficacy of clotrimazole by delivery through poly(ethylene oxide)-block-poly(ϵ -caprolactone) copolymer-based micelles. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47769	2.9	8
142	On the Eccentric Connectivity Polynomial of F-Sum of Connected Graphs. <i>Complexity</i> , 2020 , 2020, 1-9	1.6	8
141	Novel One Time Signatures (NOTS): A Compact Post-Quantum Digital Signature Scheme. <i>IEEE Access</i> , 2020 , 8, 15895-15906	3.5	8
140	An adaptive and efficient buffer management scheme for resource-constrained delay tolerant networks. <i>Wireless Networks</i> , 2016 , 22, 2189-2201	2.5	8
139	Big data analytics of geosocial media for planning and real-time decisions 2017 ,		8
138	Enhancing Quality-of-Service Conditions Using a Cross-Layer Paradigm for Ad-Hoc Vehicular Communication. <i>IEEE Access</i> , 2017 , 5, 12404-12416	3.5	8
137	On the bounds of degree-based topological indices of the Cartesian product of α -sum of connected graphs. <i>Journal of Inequalities and Applications</i> , 2017 , 2017, 305	2.1	8
136	Value-Based Caching in Information-Centric Wireless Body Area Networks. <i>Sensors</i> , 2017 , 17,	3.8	8
135	A Quantitative Risk Assessment Model Involving Frequency and Threat Degree under Line-of-Business Services for Infrastructure of Emerging Sensor Networks. <i>Sensors</i> , 2017 , 17,	3.8	8
134	On the metric dimension of barcentric subdivision of Cayley graphs $Cay(Z_n \oplus Z_m)$. <i>Miskolc Mathematical Notes</i> , 2015 , 16, 637-646	2.1	8

133	The eccentric based Zagreb indices of carbon graphite. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2020 , 23, 1121-1137	1.7	8
132	Secure and efficient data delivery for fog-assisted wireless body area networks. <i>Peer-to-Peer Networking and Applications</i> , 2019 , 12, 1289-1307	3.1	8
131	Synthesis of long-tail nonionic surfactants and their investigation for vesicle formation, drug entrapment, and biocompatibility. <i>Journal of Liposome Research</i> , 2020 , 30, 255-262	6.1	8
130	Mostar indices of SiO ₂ nanostructures and melem chain nanostructures. <i>International Journal of Quantum Chemistry</i> , 2021 , 121, e26520	2.1	8
129	Performance Analysis of Priority-Based IEEE 802.15.6 Protocol in Saturated Traffic Conditions. <i>IEEE Access</i> , 2018 , 6, 66198-66209	3.5	8
128	Cloudlet Computing: Recent Advances, Taxonomy, and Challenges. <i>IEEE Access</i> , 2021 , 9, 29609-29622	3.5	8
127	On molecular topological properties of diamond-like networks. <i>Canadian Journal of Chemistry</i> , 2017 , 95, 758-770	0.9	7
126	A privacy-preserving framework for smart context-aware healthcare applications. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3634	1.9	7
125	Automatic Modulation Classification for Low SNR Digital Signal in Frequency-Selective Fading Environments. <i>Wireless Personal Communications</i> , 2015 , 84, 1891-1906	1.9	7
124	Topological indices of polyhydroxybutyrate and polycaprolactone. <i>Journal of Information and Optimization Sciences</i> , 2020 , 41, 1025-1041	1.1	7
123	Sharp Bounds for the General Sum-Connectivity Indices of Transformation Graphs. <i>Discrete Dynamics in Nature and Society</i> , 2017 , 2017, 1-7	1.1	7
122	A novel mechanism for restoring actor connected coverage in wireless sensor and actor networks 2015 ,		7
121	On the Edges Version of Atom-Bond Connectivity Index of Nanotubes. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 6733-6740	0.3	7
120	A blockchain-based decentralized energy management in a P2P trading system 2020 ,		7
119	Computing Topological Indices and Polynomials for Line Graphs. <i>Mathematics</i> , 2018 , 6, 137	2.3	7
118	On M-polynomial-based topological descriptors of chemical crystal structures and their applications. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	6
117	Pakistamide C, a new sphingolipid from <i>Abutilon pakistanicum</i> . <i>Revista Brasileira De Farmacognosia</i> , 2014 , 24, 277-281	2	6
116	More results on computation of topological indices of certain networks. <i>International Journal of Networking and Virtual Organisations</i> , 2017 , 17, 46	0.4	6

115	Vicarin, a new isoflavone from <i>Eremostachys vicaryi</i> . <i>Journal of Asian Natural Products Research</i> , 2012 , 14, 293-6	1.5	6
114	Eremosides A [C], New Iridoid Glucosides from <i>Eremostachys loasifolia</i> . <i>Helvetica Chimica Acta</i> , 2012 , 95, 586-593	2	6
113	On the Edges Version of Atom-Bond Connectivity and Geometric Arithmetic Indices of Nanocones CNCK[n]. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 6741-6746	0.3	6
112	On topological indices of honeycomb networks and Graphene networks. <i>Hacettepe Journal of Mathematics and Statistics</i> , 2017 , 4,	1.3	6
111	On molecular topological descriptors of certain families of nanostar dendrimers. <i>Eurasian Chemical Communications</i> , 2020 , 2, 680-687	1.8	6
110	Amphiphilic p-sulfonatocalix[6]arene based self-assembled nanostructures for enhanced clarithromycin activity against resistant <i>Streptococcus Pneumoniae</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 186, 110676	6	6
109	Quality testing of spectrum-based distance descriptors for polycyclic aromatic hydrocarbons with applications to carbon nanotubes and nanocones. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 102994	5.9	6
108	The role of unmanned aerial vehicles and mmWave in 5G: Recent advances and challenges. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021 , 32, e4241	1.9	6
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