

Muhammad Imran

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.

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	Vertex-Edge-Degree-Based Topological Properties for Hex-Derived Networks. <i>Complexity</i> , 2022 , 2022, 1-13	1.6	3
275	A lightweight federated learning based privacy preserving B5G pandemic response network using unmanned aerial vehicles: A proof-of-concept.. <i>Computer Networks</i> , 2021 , 205, 108672	5.4	3
274	Properties of Total Transformation Graphs for General Sum-Connectivity Index. <i>Complexity</i> , 2021 , 2021, 1-6	1.6	1
273	Eccentricity-Based Topological Invariants of Dominating David-Derived Networks. <i>Journal of Chemistry</i> , 2021 , 2021, 1-10	2.3	1
272	Expected Values of Some Molecular Descriptors in Random Cyclooctane Chains. <i>Symmetry</i> , 2021 , 13, 2197	2.7	1
271	Design and development of lipid modified chitosan containing muco-adhesive self-emulsifying drug delivery systems for cefixime oral delivery. <i>Chemistry and Physics of Lipids</i> , 2021 , 235, 105052	3.7	3
270	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
269	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
268	Resource Optimization-Based Software Risk Reduction Model for Large-Scale Application Development. <i>Sustainability</i> , 2021 , 13, 2602	3.6	1
267	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
266	Traffic accident detection and condition analysis based on social networking data. <i>Accident Analysis and Prevention</i> , 2021 , 151, 105973	6.1	37
265	On Szeged-type indices of titanium oxide TiO ₂ nanotubes. <i>International Journal of Quantum Chemistry</i> , 2021 , 121, e26669	2.1	0
264	In-vitro and in-silico antioxidant, β -glucosidase inhibitory potentials of abutilins C and D, new flavonoid glycosides from <i>Abutilon pakistanicum</i> . <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103021	5.9	2
263	Sharp Bounds for the Inverse Sum Indeg Index of Graph Operations. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-11	1.1	0
262	Computation of Topological Indices of NEPS of Graphs. <i>Complexity</i> , 2021 , 2021, 1-6	1.6	3
261	Topological aspects of metal-organic structure with the help of underlying networks. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103157	5.9	18
260	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

259	Lightweight Searchable Encryption Protocol for Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4248-4259	11.9	20
258	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
257	Mostar indices of SiO ₂ nanostructures and melem chain nanostructures. <i>International Journal of Quantum Chemistry</i> , 2021 , 121, e26520	2.1	8
256	Intelligent IoT Framework for Indoor Healthcare Monitoring of Parkinson's Disease Patient. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 593-602	14.2	9
255	Deep Learning-Based Approach for Detecting Trajectory Modifications of Cassini-Huygens Spacecraft. <i>IEEE Access</i> , 2021 , 9, 39111-39125	3.5	
254	Graph Indices for Cartesian Product of F-sum of Connected Graphs. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021 ,	1.3	2
253	Wiener polarity index and related molecular topological descriptors of titanium oxide nanotubes. <i>International Journal of Quantum Chemistry</i> , 2021 , 121, e26627	2.1	
252	An intelligent content caching protocol for connected vehicles. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021 , 32, e4231	1.9	3
251	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
250	Characterization of Extremal Unicyclic Graphs Using F-Coindex. <i>Complexity</i> , 2021 , 2021, 1-9	1.6	1
249	A smart healthcare framework for detection and monitoring of COVID-19 using IoT and cloud computing. <i>Neural Computing and Applications</i> , 2021 , 1-15	4.8	5
248	A Novel Collaborative IoD-Assisted VANET Approach for Coverage Area Maximization. <i>IEEE Access</i> , 2021 , 9, 61211-61223	3.5	3
247	Treating Class Imbalance in Non-Technical Loss Detection: An Exploratory Analysis of a Real Dataset. <i>IEEE Access</i> , 2021 , 9, 98928-98938	3.5	2
246	Cloudlet Computing: Recent Advances, Taxonomy, and Challenges. <i>IEEE Access</i> , 2021 , 9, 29609-29622	3.5	8
245	Molecular topological invariants of certain chemical networks. <i>Main Group Metal Chemistry</i> , 2021 , 44, 141-149	1.6	3
244	Machine Learning Techniques for 5G and Beyond. <i>IEEE Access</i> , 2021 , 9, 23472-23488	3.5	32
243	On Wiener Polarity Index and Wiener Index of Certain Triangular Networks. <i>Journal of Chemistry</i> , 2021 , 2021, 1-20	2.3	0
242	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

241	Flow-Aware Elephant Flow Detection for Software-Defined Networks. <i>IEEE Access</i> , 2020 , 8, 72585-72597	3.5	18
240	Synthesis and Characterization of Sulfanilamide-Based Nonionic Surfactants and Evaluation of Their Nano-Vesicular Drug Loading Application. <i>Journal of Surfactants and Detergents</i> , 2020 , 23, 973	1.9	1
239	Digital Hadith authentication: Recent advances, open challenges, and future directions. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , e3977	1.9	3
238	On the Eccentric Connectivity Polynomial of F-Sum of Connected Graphs. <i>Complexity</i> , 2020 , 2020, 1-9	1.6	8
237	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
236	Novel Face Index for Benzenoid Hydrocarbons. <i>Mathematics</i> , 2020 , 8, 312	2.3	9
235	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
234	Investigating Smart Home Security: Is Blockchain the Answer?. <i>IEEE Access</i> , 2020 , 8, 117802-117816	3.5	18
233	Securing Internet of Medical Things with Friendly-jamming schemes. <i>Computer Communications</i> , 2020 , 160, 431-442	5.1	26
232	Topological indices of polyhydroxybutyrate and polycaprolactone. <i>Journal of Information and Optimization Sciences</i> , 2020 , 41, 1025-1041	1.1	7
231	On Valency-Based Molecular Topological Descriptors of Subdivision Vertex-Edge Join of Three Graphs. <i>Symmetry</i> , 2020 , 12, 1026	2.7	13
230	Distance-based topological descriptors for measuring the electronic energy of benzenoid hydrocarbons with applications to carbon nanotubes. <i>Mathematical Methods in the Applied Sciences</i> , 2020 ,	2.3	5
229	An Application Development Framework for Internet-of-Things Service Orchestration. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 4543-4556	10.7	16
228	Topological Properties of Para-Line Graphs for Chemical Networks. <i>Polycyclic Aromatic Compounds</i> , 2020 , 1-17	1.3	3
227	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
226	Novel One Time Signatures (NOTS): A Compact Post-Quantum Digital Signature Scheme. <i>IEEE Access</i> , 2020 , 8, 15895-15906	3.5	8
225	Sharp bounds on certain degree based topological indices for generalized Sierpiński graphs. <i>Chaos, Solitons and Fractals</i> , 2020 , 132, 109608	9.3	2
224	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

223	On the Metric Dimension of Arithmetic Graph of a Composite Number. <i>Symmetry</i> , 2020 , 12, 607	2.7	3
222	Towards a Low Complexity Scheme for Medical Images in Scalable Video Coding. <i>IEEE Access</i> , 2020 , 8, 41439-41451	3.5	2
221	Implicit Feedback-based Group Recommender System for Internet of Things Applications 2020 ,		3
220	Sharp bounds for the general Randić Index of transformation graphs. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 39, 7787-7794	1.6	2
219	On molecular topological descriptors of certain families of nanostar dendrimers. <i>Eurasian Chemical Communications</i> , 2020 , 2, 680-687	1.8	6
218	Eccentricity based topological indices of siloxane and POPAM dendrimers. <i>Main Group Metal Chemistry</i> , 2020 , 43, 92-98	1.6	0
217	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
216	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
215	Amphiphilic p-sulfonatocalix[6]arene based self-assembled nanostructures for enhanced clarithromycin activity against resistant Streptococcus Pneumoniae. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 186, 110676	6	6
214	Resolvability in Subdivision of Circulant Networks $C_n(1, k)$. <i>Discrete Dynamics in Nature and Society</i> , 2020 , 2020, 1-11	1.1	1
213	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
212	Computing Molecular Topological Descriptors of Polymeric Networks Modeled by Sierpinski Networks. <i>Polycyclic Aromatic Compounds</i> , 2020 , 1-20	1.3	1
211	A Blockchain based Privacy-Preserving System for Electric Vehicles through Local Communication 2020 ,		3
210	Optimal Graphs in the Enhanced Mesh Networks. <i>Journal of Mathematics</i> , 2020 , 2020, 1-15	1.2	
209	CNN and GRU based Deep Neural Network for Electricity Theft Detection to Secure Smart Grid 2020 ,		17
208	Computing Eccentricity-Based Topological Indices of 2-Power Interconnection Networks. <i>Journal of Chemistry</i> , 2020 , 2020, 1-7	2.3	3
207	Quality testing of distance-based molecular descriptors for benzenoid hydrocarbons. <i>Journal of Molecular Structure</i> , 2020 , 1222, 128927	3.4	12
206	Efficient Data Trading and Storage in Internet of Vehicles using Consortium Blockchain 2020 ,		3

205	A blockchain-based decentralized energy management in a P2P trading system 2020 ,		7
204	Electricity Theft Detection using Pipeline in Machine Learning 2020 ,		2
203	The eccentric based Zagreb indices of carbon graphite. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2020 , 23, 1121-1137	1.7	8
202	A novel cooperative link selection mechanism for enhancing the robustness in scale-free IoT networks 2020 ,		1
201	Fault-Tolerant Metric Dimension of Interconnection Networks. <i>IEEE Access</i> , 2020 , 8, 145435-145445	3.5	14
200	A Robust Consistency Model of Crowd Workers in Text Labeling Tasks. <i>IEEE Access</i> , 2020 , 8, 168381-168393	3.5	2
199	DE-RUSBoost: An Efficient Electricity Theft Detection Scheme with Additive Communication Layer 2020 ,		2
198	A Joint SLM and Precoding Based PAPR Reduction Scheme for 5G UFMC Cellular Networks 2020 ,		1
197	A Cooperative Heterogeneous Vehicular Clustering Mechanism for Road Traffic Management. <i>International Journal of Parallel Programming</i> , 2020 , 48, 870-889	1.5	9
196	Refining Parkinson's neurological disorder identification through deep transfer learning. <i>Neural Computing and Applications</i> , 2020 , 32, 839-854	4.8	60
195	Total irregularity strength for product of two paths. <i>AKCE International Journal of Graphs and Combinatorics</i> , 2020 , 17, 184-197	0.5	
194	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
193	Blending Big Data Analytics: Review on Challenges and a Recent Study. <i>IEEE Access</i> , 2020 , 8, 3629-3645	3.5	31
192	Countering Statistical Attacks in Cloud-Based Searchable Encryption. <i>International Journal of Parallel Programming</i> , 2020 , 48, 470-495	1.5	3
191	Comparison of bacterial communities in gliadin-degraded sourdough () sample and non-degraded sample. <i>Journal of Food Science and Technology</i> , 2020 , 57, 375-380	3.3	2
190	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
189	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
188	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

187	Edge Mostar index of chemical structures and nanostructures using graph operations. <i>International Journal of Quantum Chemistry</i> , 2020 , 120, e26259	2.1	18
186	Green synthesis of hesperidin coated silver nanoparticles for colorimetric detection of gentamicin sulfate in real samples. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020 , 33, 2667-2677	0.4	
185	Buffer Occupancy Based DF and AF Relaying in Nakagami-m Fading Channels 2019 ,		2
184	Outage Probability of Hybrid Decode-Amplify-Forward Relaying Protocol for Buffer-Aided Relays 2019 ,		2
183	On some bounds of the topological indices of generalized Sierpiński and extended Sierpiński graphs. <i>Journal of Inequalities and Applications</i> , 2019 , 2019,	2.1	1
182	Synthesis of chitosan coated metal organic frameworks (MOFs) for increasing vancomycin bactericidal potentials against resistant <i>S. aureus</i> strain. <i>Materials Science and Engineering C</i> , 2019 , 105, 110111	8.3	39
181	Molecular descriptors of discrete dynamical system in fractal and Cayley tree type dendrimers. <i>Journal of Applied Mathematics and Computing</i> , 2019 , 61, 57-72	1.8	3
180	Clustering-based real-time anomaly detection—a breakthrough in big data technologies. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3647	1.9	13
179	Software-Defined Industrial Internet of Things. <i>Wireless Communications and Mobile Computing</i> , 2019 , 2019, 1-2	1.9	4
178	A privacy-preserving framework for smart context-aware healthcare applications. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3634	1.9	7
177	Exact String Matching Algorithms: Survey, Issues, and Future Research Directions. <i>IEEE Access</i> , 2019 , 7, 69614-69637	3.5	31
176	Reformulated Zagreb Indices of Some Derived Graphs. <i>Mathematics</i> , 2019 , 7, 366	2.3	13
175	Synthesis of Biocompatible Double-Tailed Nonionic Surfactants and Their Investigation for Niosomal Drug-Loading Applications. <i>Journal of Surfactants and Detergents</i> , 2019 , 22, 771-778	1.9	0
174	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
173	Enhanced therapeutic efficacy of clotrimazole by delivery through poly(ethylene oxide)-block-poly(L-lactide) copolymer-based micelles. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47769	2.9	8
172	Fault-Tolerant Resolvability and Extremal Structures of Graphs. <i>Mathematics</i> , 2019 , 7, 78	2.3	33
171	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
170	An Efficient Computational Technique for Degree and Distance Based Topological Descriptors With Applications. <i>IEEE Access</i> , 2019 , 7, 32276-32296	3.5	17

169	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
168	Impact of Node Deployment and Routing for Protection of Critical Infrastructures. <i>IEEE Access</i> , 2019 , 7, 11502-11514	3.5	3
167	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
166	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
165	Acridine-Thiosemicarbazones-Stabilized Silver Nanoparticles as a Selective Sensor for Copper(II)-Ion in Tap Water. <i>ChemistrySelect</i> , 2019 , 4, 8757-8763	1.8	3
164	A Low PAPR Universal Filtered Multi-Carrier System for 5G Machine Type Communications 2019 ,		2
163	Topological properties of cellular neural networks. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 37, 3605-3614	1.6	25
162	Exploiting Energy Efficient Routing protocols for Void Hole Alleviation in IoT enabled Underwater WSN 2019 ,		5
161	Correlation between the Estrada index and electronic energies for benzenoid hydrocarbons with applications to boron nanotubes. <i>International Journal of Quantum Chemistry</i> , 2019 , 119, e26016	2.1	21
160	Resolvability and fault-tolerant resolvability structures of convex polytopes. <i>Theoretical Computer Science</i> , 2019 , 796, 114-128	1.1	17
159	On Distance-Based Topological Descriptors of Subdivision Vertex-Edge Join of Three Graphs. <i>IEEE Access</i> , 2019 , 7, 143381-143391	3.5	38
158	Topological properties of benzenoid, phenylenes and nanostar dendrimers. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019 , 22, 1229-1248	1.7	24
157	A Blockchain Model for Fair Data Sharing in Deregulated Smart Grids 2019 ,		40
156	Cloud Based Secure Service Providing for IoTs Using Blockchain 2019 ,		40
155	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
154	Eccentricity based topological indices of honeycomb networks. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019 , 22, 1199-1213	1.7	19
153	Modified eccentric descriptors of crystal cubic carbon. <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 2019 , 22, 1215-1228	1.7	18
152	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

151	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
150	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
149	Sourdough bread: A contemporary cereal fermented product. <i>Journal of Food Processing and Preservation</i> , 2019 , 43, e13883	2.1	18
148	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
147	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
146	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
145	Cognitive Sensors Based on Ridge Phase-Smoothing Localization and Multiregional Histograms of Oriented Gradients. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2019 , 7, 123-134	4.1	6
144	Big data analytics for preventive medicine. <i>Neural Computing and Applications</i> , 2019 , 32, 1-35	4.8	109
143	The influence of alkaline catalysts on combustion of coal particles. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018 , 40, 549-552	1.6	1
142	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
141	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
140	On the metric dimension and diameter of circulant graphs with three jumps. <i>Discrete Mathematics, Algorithms and Applications</i> , 2018 , 10, 1850008	0.5	1
139	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
138	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
137	Cloud-based smart manufacturing for personalized candy packing application. <i>Journal of Supercomputing</i> , 2018 , 74, 4339-4357	2.5	36
136	A Multivariate 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
135	On Topological Properties of Symmetric Chemical Structures. <i>Symmetry</i> , 2018 , 10, 173	2.7	40
134	Topological Characterization of the Symmetrical Structure of Bismuth Tri-Iodide. <i>Symmetry</i> , 2018 , 10, 201	2.7	18

133	Computing the Metric Dimension of Gear Graphs. <i>Symmetry</i> , 2018 , 10, 209	2.7	10
132	On the PAPR Reduction: A Novel Filtering Based Hadamard Transform Precoded Uplink MC-NOMA Scheme for 5G Cellular Networks 2018 ,		5
131	A hybrid precoding- and filtering-based uplink MC-LNOMA scheme for 5G cellular networks with reduced PAPR. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018 , 29, e3501	1.9	3
130	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
129	Computing multiple ABC index and multiple GA index of some grid graphs. <i>Open Physics</i> , 2018 , 16, 588-598		12
128	On Metric Dimensions of Symmetric Graphs Obtained by Rooted Product. <i>Mathematics</i> , 2018 , 6, 191	2.3	10
127	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
126	Preliminary investigation of novel tetra-tailed macrocycle amphiphile based nano-vesicles for amphotericin B improved oral pharmacokinetics. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, S1204-S1214	6.1	4
125	Fog-assisted Congestion Avoidance Scheme for Internet of Vehicles 2018 ,		4
124	On the Metric Dimension of Generalized Petersen Multigraphs. <i>IEEE Access</i> , 2018 , 1-1	3.5	21
123	Computing topological polynomials of mesh-derived networks. <i>Discrete Mathematics, Algorithms and Applications</i> , 2018 , 10, 1850077	0.5	11
122	The eccentric version of atom-bond connectivity index of tetra sheet networks. <i>Discrete Mathematics, Algorithms and Applications</i> , 2018 , 10, 1850065	0.5	2
121	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
120	On the Degree-Based Topological Indices of the Tickysim SpiNNaker Model. <i>Axioms</i> , 2018 , 7, 73	1.6	3
119	Computing Topological Indices and Polynomials for Line Graphs. <i>Mathematics</i> , 2018 , 6, 137	2.3	7
118	Eccentricity Based Topological Indices of an Oxide Network. <i>Mathematics</i> , 2018 , 6, 126	2.3	15
117	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
116	Computing topological indices of Sudoku graphs. <i>Journal of Applied Mathematics and Computing</i> , 2017 , 55, 99-117	1.8	3

115	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
114	Heterogeneity-Aware Task Allocation in Mobile Ad Hoc Cloud. <i>IEEE Access</i> , 2017 , 5, 1779-1795	3.5	23
113	An Automatic Digital Audio Authentication/Forensics System. <i>IEEE Access</i> , 2017 , 5, 2994-3007	3.5	11
112	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
111	On molecular topological properties of diamond-like networks. <i>Canadian Journal of Chemistry</i> , 2017 , 95, 758-770	0.9	7
110	Techno-economic study of coal pyrolysis for production of chemicals using a high-pressure fluidized bed. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017 , 12, 654-658	3.1	1
109	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
108	Blind Detection of Copy-Move Forgery in Digital Audio Forensics. <i>IEEE Access</i> , 2017 , 5, 12843-12855	3.5	15
107	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
106	On topological properties of sierpinski networks. <i>Chaos, Solitons and Fractals</i> , 2017 , 98, 199-204	9.3	18
105	Molecular description of carbon graphite and crystal cubic carbon structures. <i>Canadian Journal of Chemistry</i> , 2017 , 95, 674-686	0.9	28
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