Zahoor Ali Khan

List of Publications by Citations

252 papers	3,628 citations	32 h-index	47 g-index
292 ext. papers	4,513 ext. citations	2.1 avg, IF	5.56 L-index

#	Paper	IF	Citations
252	Exploiting heuristic algorithms to efficiently utilize energy management controllers with renewable energy sources. *Energy and Buildings*, **2016**, 129, 452-470	7	200
251	M-ATTEMPT: A New Energy-Efficient Routing Protocol for Wireless Body Area Sensor Networks. *Procedia Computer Science*, **2013**, 19, 224-231	1.6	139
250	An Efficient Power Scheduling Scheme for Residential Load Management in Smart Homes. *Applied Sciences (Switzerland)*, **2015**, 5, 1134-1163	2.6	81
249	Co-LAEEBA: Cooperative link aware and energy efficient protocol for wireless body area networks. *Computers in Human Behavior*, **2015**, 51, 1205-1215	7.7	76
248	$(ACH)^2$: Routing Scheme to Maximize Lifetime and Throughput of Wireless Sensor Networks. *IEEE Sensors Journal*, **2014**, 14, 3516-3532	4	75
247	Towards Efficient Energy Management of Smart Buildings Exploiting Heuristic Optimization with Real Time and Critical Peak Pricing Schemes. *Energies*, **2017**, 10, 2065	3.1	74
246	. *IEEE Transactions on Industrial Informatics*, **2017**, 13, 2587-2596	11.9	70
245	RE-ATTEMPT: A New Energy-Efficient Routing Protocol for Wireless Body Area Sensor Networks. *International Journal of Distributed Sensor Networks*, **2014**, 10, 464010	1.7	68
244	TSEP: Threshold-Sensitive Stable Election Protocol for WSNs **2012**,		63
243	A generic demand-side management model for smart grid. *International Journal of Energy Research*, **2015**, 39, 954-964	4.5	58
242	Survey of Extended LEACH-Based Clustering Routing Protocols for Wireless Sensor Networks **2012**,		58
241	Realistic Scheduling Mechanism for Smart Homes. *Energies*, **2016**, 9, 202	3.1	56
240	. *IEEE Sensors Journal*, **2016**, 16, 4431-4442	4	53
239	DEADS: Depth and Energy Aware Dominating Set Based Algorithm for Cooperative Routing along with Sink Mobility in Underwater WSNs. *Sensors*, **2015**, 15, 14458-86	3.8	51
238	Hybrid meta-heuristic optimization based home energy management system in smart grid. *Journal of Ambient Intelligence and Humanized Computing*, **2019**, 10, 4837-4853	3.7	49
237	iAMCTD: Improved Adaptive Mobility of Courier Nodes in Threshold-Optimized DBR Protocol for Underwater Wireless Sensor Networks. *International Journal of Distributed Sensor Networks*, **2014**, 10, 213012	1.7	47
236	Short-Term Load Forecasting in Smart Grids: An Intelligent Modular Approach. *Energies*, **2019**, 12, 164	3.1	45

235	Delay and energy consumption analysis of priority guaranteed MAC protocol for wireless body area networks. *Wireless Networks*, **2017**, 23, 1249-1266	2.5	44
234	A QoS-aware Routing Protocol for Reliability Sensitive Data in Hospital Body Area Networks. *Procedia Computer Science*, **2013**, 19, 171-179	1.6	42
233	Real Time Information Based Energy Management Using Customer Preferences and Dynamic Pricing in Smart Homes. *Energies*, **2016**, 9, 542	3.1	42
232	AEDG: AUV-aided Efficient Data Gathering Routing Protocol for Underwater Wireless Sensor Networks. *Procedia Computer Science*, **2015**, 52, 568-575	1.6	41
231	Priority and delay constrained demand side management in real-time price environment with renewable energy source. *International Journal of Energy Research*, **2016**, 40, 2002-2021	4.5	40
230	Co-UWSN: Cooperative Energy-Efficient Protocol for Underwater WSNs. *International Journal of Distributed Sensor Networks*, **2015**, 11, 891410	1.7	39
229	An Efficient Data-Gathering Routing Protocol for Underwater Wireless Sensor Networks. *Sensors*, **2015**, 15, 29149-81	3.8	38
228	Energy-aware Peering Routing Protocol for indoor hospital Body Area Network Communication. *Procedia Computer Science*, **2012**, 10, 188-196	1.6	38
227	Delay-Sensitive Routing Schemes for Underwater Acoustic Sensor Networks. *International Journal of Distributed Sensor Networks*, **2015**, 11, 532676	1.7	37
226	Efficient Power Scheduling in Smart Homes Using Hybrid Grey Wolf Differential Evolution Optimization Technique with Real Time and Critical Peak Pricing Schemes. *Energies*, **2018**, 11, 384	3.1	36
225	A Balanced Energy-Consuming and Hole-Alleviating Algorithm for Wireless Sensor Networks. *IEEE Access*, **2017**, 5, 6134-6150	3.5	35
224	A Review on Demand Response: Pricing, Optimization, and Appliance Scheduling. *Procedia Computer Science*, **2015**, 52, 843-850	1.6	35
223	M-GEAR: Gateway-Based Energy-Aware Multi-hop Routing Protocol for WSNs **2013**,		34
222	SEDG: Scalable and Efficient Data Gathering Routing Protocol for Underwater WSNs. *Procedia Computer Science*, **2015**, 52, 584-591	1.6	33
221	A Modified Feature Selection and Artificial Neural Network-Based Day-Ahead Load Forecasting Model for a Smart Grid. *Applied Sciences (Switzerland)*, **2015**, 5, 1756-1772	2.6	33
220	An Incentive-based Optimal Energy Consumption Scheduling Algorithm for Residential Users. *Procedia Computer Science*, **2015**, 52, 851-857	1.6	32
219	A new patient monitoring framework and Energy-aware Peering Routing Protocol (EPR) for Body Area Network communication. *Journal of Ambient Intelligence and Humanized Computing*, **2014**, 5, 409-423	3.7	32
218	An energy-efficient distributed clustering algorithm for heterogeneous WSNs. *Eurasip Journal on Wireless Communications and Networking*, **2015**, 2015,	3.2	30

217	A Comprehensive Survey of MAC Protocols for Wireless Body Area Networks **2012**,		30
216	Energy Optimization in Smart Homes Using Customer Preference and Dynamic Pricing. *Energies*, **2016**, 9, 593	3.1	30
215	Towards Reliable and Energy-Efficient Incremental Cooperative Communication for Wireless Body Area Networks. *Sensors*, **2016**, 16, 284	3.8	28
214	Chain-based communication in cylindrical underwater wireless sensor networks. *Sensors*, **2015**, 15, 3625-49	3.8	27
213	. *IEEE Access*, **2018**, 6, 34670-34690	3.5	27
212	A Domestic Microgrid with Optimized Home Energy Management System. *Energies*, **2018**, 11, 1002	3.1	27
211	LAEEBA: Link Aware and Energy Efficient Scheme for Body Area Networks **2014**,		27
210	HEER: Hybrid Energy Efficient Reactive protocol for Wireless Sensor Networks **2013**,		27
209	Minimizing Electricity Theft Using Smart Meters in AMI **2012**,		27
208	Electricity Theft Detection Using Supervised Learning Techniques on Smart Meter Data. *Sustainability*, **2020**, 12, 8023	3.6	26
207	ZEQoS: A New Energy and QoS-Aware Routing Protocol for Communication of Sensor Devices in Healthcare System. *International Journal of Distributed Sensor Networks*, **2014**, 10, 627689	1.7	25
206	Towards Effective and Efficient Energy Management of Single Home and a Smart Community Exploiting Heuristic Optimization Algorithms with Critical Peak and Real-Time Pricing Tariffs in Smart Grids. *Energies*, **2018**, 11, 3125	3.1	25
205	On Performance Evaluation of Variants of DEEC in WSNs **2012**,		24
204	ACH: Away cluster heads scheme for Energy Efficient Clustering Protocols in WSNs **2013**,		23
203	CEEC: Centralized energy efficient clustering a new routing protocol for WSNs **2012**,		23
202	Demand Side Management Using Hybrid Bacterial Foraging and Genetic Algorithm Optimization Techniques **2016**,		23
201	. *IEEE Access*, **2019**, 7, 140102-140125	3.5	22
200	Modeling mobility and psychological stress based human postural changes in wireless body area networks. *Computers in Human Behavior*, **2015**, 51, 1042-1053	7.7	21

199	CoDBR: Cooperative Depth Based Routing for Underwater Wireless Sensor Networks **2014**,		21
198	QPRD: QoS-aware Peering Routing Protocol for Delay Sensitive Data in Hospital Body Area Network Communication **2012**,		21
197	DRADS: depth and reliability aware delay sensitive cooperative routing for underwater wireless sensor networks. *Wireless Networks*, **2019**, 25, 777-789	2.5	21
196	A priority-induced demand side management system to mitigate rebound peaks using multiple knapsack. *Journal of Ambient Intelligence and Humanized Computing*, **2019**, 10, 1655-1678	3.7	21
195	Multi-agent-based sharing power economy for a smart community. *International Journal of Energy Research*, **2017**, 41, 2074-2090	4.5	20
194	Towards Delay-sensitive Routing in Underwater Wireless Sensor Networks. *Procedia Computer Science*, **2014**, 37, 228-235	1.6	20
193	Effect of Packet Inter-arrival Time on the Energy Consumption of Beacon Enabled MAC Protocol for Body Area Networks. *Procedia Computer Science*, **2014**, 32, 579-586	1.6	20
192	Adaptive-reliable medium access control protocol for wireless body area networks **2012**,		19
191	On Adaptive Energy-Efficient Transmission in WSNs. *International Journal of Distributed Sensor Networks*, **2013**, 9, 923714	1.7	19
190	Energy harvesting techniques for routing issues in wireless sensor networks. *International Journal of Grid and Utility Computing*, **2019**, 10, 10	1.1	18
189	A Relay Based Routing Protocol for Wireless In-Body Sensor Networks. *Wireless Personal Communications*, **2015**, 80, 1063-1078	1.9	18
188	Energy consumption model for density controlled divide-and-rule scheme for energy efficient routing in wireless sensor networks. *International Journal of Ad Hoc and Ubiquitous Computing*, **2016** , 21, 130	0.7	18
187	Ubiquitous HealthCare in Wireless Body Area Networks **2012**,		18
186	BEC: A novel routing protocol for balanced energy consumption in Wireless Body Area Networks **2015**,		17
185	An Innovative Home Energy Management Model with Coordination among Appliances using Game Theory. *Sustainability*, **2019**, 11, 6287	3.6	17
184	Ant Colony Optimization Based Energy Management Controller for Smart Grid **2016**,		17
183	Energy Efficient MAC Protocols **2012**,		16
182	Performance Optimization of Priority Assisted CSMA/CA Mechanism of 802.15.6 under Saturation Regime. *Sensors*, **2016**, 16,	3.8	16

181	Region Aware Proactive Routing Approaches Exploiting Energy Efficient Paths for Void Hole Avoidance in Underwater WSNs. *IEEE Access*, **2019**, 7, 140703-140722	3.5	16
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179	Fair energy management with void hole avoidance in intelligent heterogeneous underwater WSNs. *Journal of Ambient Intelligence and Humanized Computing*, **2019**, 10, 4225-4241	3.7	15
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177	MobiSink: Cooperative Routing Protocol for Underwater Sensor Networks with Sink Mobility **2016**,		14
176	SEEC: Sparsity-Aware Energy Efficient Clustering Protocol for Underwater Wireless Sensor Networks **2016**,		14
175	An Energy Efficient and Balanced Energy Consumption Cluster Based Routing Protocol for Underwater Wireless Sensor Networks **2016**,		14
174	Forwarding Nodes Constraint based DBR (CDBR) and EEDBR (CEEDBR) in Underwater WSNs. *Procedia Computer Science*, **2014**, 34, 228-235	1.6	14
173	FEEL: Forwarding Data Energy Efficiently with Load Balancing in Wireless Body Area Networks **2014**,		14
172	Divide-and-Rule Scheme for Energy Efficient Routing in Wireless Sensor Networks. *Procedia Computer Science*, **2013**, 19, 340-347	1.6	14
171	HSEP: Heterogeneity-aware Hierarchical Stable Election Protocol for WSNs **2012**,		14
170	Evaluation of Slotted CSMA/CA of IEEE 802.15.4 **2012**,		14
169	Density controlled divide-and-rule scheme for energy efficient routing in Wireless Sensor Networks **2013**,		13
168	Cooperative partner nodes selection criteria for cooperative routing in underwater WSNs **2015**,		13
167	MobiL-AUV: AUV-Aided Localization Scheme for Underwater Wireless Sensor Networks **2016**,		13
166	Towards Fast Response, Reduced Processing and Balanced Load in Fog-Based Data-Driven Smart Grid. *Energies*, **2018**, 11, 3345	3.1	13
165	DSM: Dynamic Sink Mobility Equipped DBR for Underwater WSNs. *Procedia Computer Science*, **2015**, 52, 560-567	1.6	12
164	Incremental Relay Based Cooperative Communication in Wireless Body Area Networks. *Procedia Computer Science*, **2015**, 52, 552-559	1.6	12

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162	An Enhanced System Architecture for Optimized Demand Side Management in Smart Grid. *Applied Sciences (Switzerland)*, **2016**, 6, 122	2.6	12
161	**2017**,		11
160	Performance Analysis of Hierarchical Routing Protocols in Wireless Sensor Networks **2012**,		11
159	E-HORM: An energy-efficient hole removing mechanism in Wireless Sensor Networks **2013**,		11
158	Measuring Fatigue of Soldiers in Wireless Body Area Sensor Networks **2013**,		11
157	DEAC: Depth and Energy Aware Cooperative Routing Protocol for Underwater Wireless Sensor Networks **2016**,		11
156	Investigating quality routing link metrics in Wireless Multi-hop Networks. *Annales Des Telecommunications/Annals of Telecommunications*, **2014**, 69, 209-217	2	10
155	HEX Clustering Protocol for Routing in Wireless Sensor Network **2014**,		10
154	ARCUN: Analytical Approach towards Reliability with Cooperation for Underwater WSNs. *Procedia Computer Science*, **2015**, 52, 576-583	1.6	10
153	Evaluation of Human Activity Recognition and Fall Detection Using Android Phone **2015**,		10
152	Enhanced Evolutionary Sizing Algorithms for Optimal Sizing of a Stand-Alone PV-WT-Battery Hybrid System. *Applied Sciences (Switzerland)*, **2019**, 9, 5197	2.6	10
151	Jaya based Optimization Method with High Dispatchable Distributed Generation for Residential Microgrid. *Energies*, **2018**, 11, 1513	3.1	9
150	AID: An Energy Efficient Decoding Scheme for LDPC Codes in Wireless Body Area Sensor Networks. *Procedia Computer Science*, **2013**, 21, 449-454	1.6	9
149	Monitoring and Controlling Power Using Zigbee Communications **2012**,		9
148	A Survey of Home Energy Management for Residential Customers **2015**,		8
147	QPRR: QoS-Aware Peering Routing Protocol for Reliability Sensitive Data in Body Area Network Communication. *Computer Journal*, **2015**, 58, 1701-1716	1.3	8
146	QPRD: QoS-Aware Peering Routing Protocol for Delay-Sensitive Data in Hospital Body Area Network. *Mobile Information Systems*, **2015**, 2015, 1-16	1.4	8

145	Performance Study of Localization Techniques in Wireless Body Area Sensor Networks **2012**,		8
144	Efficient routing for corona based underwater wireless sensor networks. *Computing (Vienna/New York)*, **2019**, 101, 831-856	2.2	7
143	BEEC: Balanced Energy Efficient Circular Routing Protocol for Underwater Wireless Sensor Networks **2016**,		7
142	**2014**,		7
141	On Enhancing Network Reliability and Throughput for Critical-range based Applications in UWSNs. *Procedia Computer Science*, **2014**, 34, 196-203	1.6	7
140	On energy efficiency and delay minimization in reactive protocols in Wireless Multi-hop Networks **2013**,		7
139	Interference Aware Inverse EEDBR protocol for Underwater WSNs **2015**,		7
138	Interference and Bandwidth Aware Depth Based Routing Protocols in Underwater WSNs **2015**,		7
137	CEMob: Critical Data Transmission in Emergency with Mobility Support in WBANs **2014**,		7
136	Analytical Survey of Wearable Sensors **2012**,		7
135	SMIC: Sink Mobility with Incremental Cooperative Routing Protocol for Underwater Wireless Sensor Networks **2016**,		7
134	Optimal Power Flow with Uncertain Renewable Energy Sources Using Flower Pollination Algorithm. *Advances in Intelligent Systems and Computing*, **2020**, 95-107	0.4	7
133	A Fatigue Measuring Protocol for Wireless Body Area Sensor Networks. *Journal of Medical Systems*, **2015**, 39, 193	5.1	6
132	Design and Development of a Low Cost Ubiquitous Tracking System. *Procedia Computer Science*, **2014**, 34, 220-227	1.6	6
131	Analyzing and Evaluating Contention Access Period of Slotted CSMA/CA for IEEE802.15.4. *Procedia Computer Science*, **2014**, 34, 204-211	1.6	6
130	**2013**,		6
129	REEC: Reliable Energy Efficient Critical Data Routing in Wireless Body Area Networks **2014**,		6
128	ACE: Adaptive Cooperation in EEDBR for Underwater Wireless Sensor Networks **2014**,		6

127	**2012**,		6
126	Noise Filtering, Channel Modeling and Energy Utilization in Wireless Body Area Networks **2012**,		6
125	AZR-LEACH: An Energy Efficient Routing Protocol for Wireless Sensor Networks. *International Journal of Communications, Network and System Sciences*, **2012**, 05, 785-795	0.2	6
124	User Comfort Oriented Residential Power Scheduling in Smart Homes. *Advances in Intelligent Systems and Computing*, **2018**, 171-180	0.4	6
123	On Reliable and Efficient Data Gathering Based Routing in Underwater Wireless Sensor Networks. *Sensors*, **2016**, 16,	3.8	6
122	Exploiting Outage and Error Probability of Cooperative Incremental Relaying in Underwater Wireless Sensor Networks. *Sensors*, **2016**, 16,	3.8	6
121	Q-learning based energy-efficient and void avoidance routing protocol for underwater acoustic sensor networks. *Computer Networks*, **2021**, 197, 108309	5.4	6
120	Energy Efficient Scheduling of Smart Home. *Advances in Intelligent Systems and Computing*, **2019**, 67-79	0.4	5
119	A Survey of SUser ComfortSin Home Energy Management Systems in Smart Grid **2015**,		5
118	Overload Management in Transmission System Using Particle Swarm Optimization. *Procedia Computer Science*, **2015**, 52, 858-865	1.6	5
117	Bio inspired distributed energy efficient clustering for Wireless Sensor Networks **2015**,		5
116	Incremental Relay-Based Co-CEStat Protocol for Wireless Body Area Networks **2014**,		5
115	Towards optimising routing overhead in wireless multi-hop networks. *International Journal of Ad Hoc and Ubiquitous Computing*, **2015**, 19, 4	0.7	5
114	An Energy Consumption Analysis of Beacon Enabled Slotted CSMA/CA IEEE 802.15.4 **2014**,		5
113	Co-CEStat: Cooperative Critical Data Transmission in Emergency in Static Wireless Body Area Network **2014**,		5
112	Simulation Analysis of Medium Access Techniques **2012**,		5
111	On modeling geometric joint sink mobility with delay-tolerant cluster-less Wireless Sensor Networks **2013**,		5
110	Optimal Number of Cluster Head Selection for Efficient Distribution of Sources in WSNs **2012**,		5

109	Enhanced Energy Efficient Depth Based Routing Protocol for Underwater WSNs **2016**,		5
108	Modeling induction and routing to monitor hospitalized patients in multi-hop mobility-aware body area sensor networks. *Eurasip Journal on Wireless Communications and Networking*, **2016**, 2016,	3.2	5
107	A Reliable and Interference-Aware Routing Protocol for Underwater Wireless Sensor Networks **2016**,		5
106	Cost and Load Reduction Using Heuristic Algorithms in Smart Grid **2016**,		5
105	MEES: Mobile Energy Efficient Square Routing for Underwater Wireless Sensor Networks **2017**,		4
104	Multiagent Control System for Residential Energy Management under Real Time Pricing Environment **2017**,		4
103	BTRS: Buffer-Threshold Based Relay Selection Scheme for Cooperative Wireless Networks. *IEEE Access*, **2019**, 7, 23089-23099	3.5	4
102	Demand Response: From Classification to Optimization Techniques in Smart Grid **2015**,		4
101	Application of PSO for HEMS and ED in Smart Grid **2015**,		4
100	A Smart Home Energy Management Strategy Based on Demand Side Management **2016**,		4
99	**2018**,		4
98	IDDR: Improved Density Controlled Divide-and-Rule Scheme for Energy Efficient Routing in Wireless Sensor Networks. *Procedia Computer Science*, **2014**, 34, 212-219	1.6	4
97	Peak Load Scheduling in Smart Grid Communication Environment **2014**,		4
96	AAEERP: Advanced AUV-Aided Energy Efficient Routing Protocol for Underwater WSNs **2015**,		4
95	Peak Load Shaving Model Based on Individuals Habit **2015**,		4
94	iA-MAC: Improved Adaptive Medium Access Control protocol for Wireless Body Area Networks **2014**,		4
93	Mobility Model for WBANs **2014**,		4
92	Modeling Propagation Characteristics for Arm-Motion in Wireless Body Area Sensor Networks **2012** ,		4

91	Simulation Analysis of IEEE 802.15.4 Non-beacon Mode at Varying Data Rates **2012**,		4
90	Routing Load of Route Discovery and Route Maintenance in Wireless Reactive Routing Protocols **2012**,		4
89	Analyzing Energy-Efficiency and Route-Selection of Multi-level Hierarchal Routing Protocols in WSNs **2012**,		4
88	**2012**,		4
87	Energy Hole Minimization with Field Division for Energy Efficient Routing in WSNs. *International Journal of Distributed Sensor Networks*, **2015**, 2015, 1-13	1.7	4
86	Towards Efficient Energy Utilization Using Big Data Analytics in Smart Cities for Electricity Theft Detection. *Big Data Research*, **2022**, 27, 100285	3.7	4
85	Cuckoo Search Optimization Technique for Multi-objective Home Energy Management. *Advances in Intelligent Systems and Computing*, **2018**, 520-529	0.4	4
84	AVN-AHH-VBF: Avoiding Void Node with Adaptive Hop-by-Hop Vector Based Forwarding for Underwater Wireless Sensor Networks **2016**,		4
83	EEORS: Energy Efficient Optimal Relay Selection Protocol for Underwater WSNs **2016**,		4
82	DRADS: Depth and Reliability Aware Delay Sensitive Routing Protocol for Underwater WSNs **2016**,		4
81	Game Theory based Electric Price Tariff and Salp Swarm Algorithm for Demand Side Management **2018**,		4
80	An Enhanced Differential Evolution Based Energy Management System for Smart Grids **2017**,		3
79	Void Hole and Collision Avoidance in Geographic and Opportunistic Routing in Underwater Wireless Sensor Networks. *Lecture Notes on Data Engineering and Communications Technologies*, **2018**, 225-236	0.4	3
78	Performance Measurement of Energy Management Controller Using Heuristic Techniques. *Advances in Intelligent Systems and Computing*, **2018**, 181-188	0.4	3
77	EDHBPSO: Enhanced Differential Harmony Binary Particle Swarm Optimization for Demand Side Management in Smart Grid **2018**,		3
76	Impact of Acoustic Propagation Models on Depth-Based Routing Techniques in Underwater Wireless Sensor Networks **2014**,		3
75	Fast Polling Mechanism for Baseline BAN MAC (802.15.6) of Body Area Networks. *Procedia Computer Science*, **2013**, 19, 944-949	1.6	3
74	Modeling Routing Overhead of Reactive Protocols at Link Layer and Network Layer in Wireless Multihop Networks. *Mathematical Problems in Engineering*, **2015**, 2015, 1-14	1.1	3

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72	TSDDR: Threshold Sensitive Density Controlled Divide and Rule Routing Protocol for Wireless Sensor Networks **2014**,		3
71	Modeling Enhancements in Routing Protocols under Mobility and Scalability Constraints in VANETs. *International Journal of Distributed Sensor Networks*, **2014**, 10, 261823	1.7	3
70	Contemporary Cutting Edge Applications of IoT (Internet of Things) in Industries **2020**,		3
69	Load and Price Forecasting Based on Enhanced Logistic Regression in Smart Grid. *Lecture Notes on Data Engineering and Communications Technologies*, **2019**, 221-233	0.4	3
68	Short Term Electricity Price Forecasting Through Convolutional Neural Network (CNN). *Advances in Intelligent Systems and Computing*, **2020**, 1181-1188	0.4	3
67	Does Microcredit Help the Poor and Financially Marginalized Communities? Experience of Pakistan. *Economic Studies in Inequality, Social Exclusion and Well-Being*, **2015**, 31-52	0	3
66	Appliance Scheduling for Energy Management with User Preferences **2016**,		3
65	Heuristic Algorithm Based Energy Management System in Smart Grid **2016**,		3
64	A Novel Pricing Mechanism for Demand Side Load Management in Smart Grid **2017**,		2
63	EH-ARCUN: Energy Harvested Analytical Approach Towards Reliability with Cooperation for Underwater WSNs. *EAI/Springer Innovations in Communication and Computing*, **2019**, 147-157	0.6	2
62	Socioeconomic Human Well-Being and Posterity: A Newly Proposed Faith-Based Measurement Index. *Journal of Religion and Spirituality in Social Work*, **2015**, 34, 72-90	0.6	2
61	A New Linear Cluster Handling (LCH) Technique Towards Energy Efficiency in Linear WSNs **2015**,		2
60	DYN-NbC-JSM: Dynamic Joint Sink Mobility with Need-Based Clustering in WSNs **2015**,		2
59	An Energy Efficient Hybrid Clustering Routing Protocol for Underwater WSNs **2016**,		2
58	Enhanced Single Chain-Based Scheme in Cylindrical Underwater Wireless Sensor Networks **2016**,		2
57	On Utilizing Static Courier Nodes to Achieve Energy Efficiency with Depth Based Routing for Underwater Wireless Sensor Networks **2016**,		2
56	HEAT: Horizontal Moveable Energy-efficient Adaptive Threshold-Based Routing Protocol for Wireless Body Area Networks **2014**,		2

55	(LEACH)2: Combining LEACH with Linearly Enhanced Approach for Cluster Handling in WSNs **2015**,		2
54	Real-Time Pricing with Demand Response Model for Autonomous Homes **2015**,		2
53	Bio-inspired Routing in Wireless Sensor Networks **2015**,		2
52	Transmission Delay of Multi-hop Heterogeneous Networks for Medical Applications **2012**,		2
51	**2012**,		2
50	**2012**,		2
49	**2012**,		2
48	SRP-MS: A new routing protocol for delay tolerant Wireless Sensor Networks **2013**,		2
47	**2012**,		2
46	**2012**,		2
45	Towards Network Lifetime Maximization: Sink Mobility Aware Multihop Scalable Hybrid Energy Efficient Protocols for Terrestrial WSNs. *International Journal of Distributed Sensor Networks*, **2015**, 2015, 1-16	1.7	2
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43	Monitoring of Power Transmission Lines Through Wireless Sensor Networks in Smart Grid. *Advances in Intelligent Systems and Computing*, **2018**, 162-170	0.4	2
42	MC: Maximum Coverage Routing Protocol for Underwater Wireless Sensor Networks **2016**,		2
41	Distributed Topology Control Protocols for Underwater Sensor Networks **2016**,		2
40	Circular Joint Sink Mobility Scheme for Wireless Sensor Networks **2015**,		1
39	Performance Evaluation of Experimental Setups in Home Energy Management Systems in Smart Grid **2015**,		1
38	Fuzzy Energy Management Controller for Smart Homes. *Advances in Intelligent Systems and Computing*, **2018**, 200-207	0.4	1

37	Managing Energy in Smart Homes Using Binary Particle Swarm Optimization. *Advances in Intelligent Systems and Computing*, **2018**, 189-196	0.4	1
36	An Efficient Scheduling of Electrical Appliance in Micro Grid Based on Heuristic Techniques. *Advances in Intelligent Systems and Computing*, **2018**, 164-173	0.4	1
35	Comparative Assessment of Performance for Home Energy Management Controller in Smart Grid **2016**,		1
34	MCEEC: Multi-hop Centralized Energy Efficient Clustering routing protocol for WSNs **2014**,		1
33	**2013**,		1
32	A New Coexistence Mechanism for Baseline BAN MAC (802.15.6) of Body Area Networks. *Procedia Computer Science*, **2013**, 19, 950-955	1.6	1
31	Various node mobility scenarios of wireless sensor networks based on B-MAC protocol **2017**,		1
30	DSAB: Dual sink approach in WBANs **2017**,		1
29	Mobile Sensor Networks Applications and Confidentiality. *Mobile Information Systems*, **2015**, 2015, 1-2	1.4	1
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27	Hop Adjusted Multi-chain Routing for Energy Efficiency in Wireless Sensor Networks. *Procedia Computer Science*, **2014**, 37, 236-243	1.6	1
26	Routing Load of Route Calculation and Route Maintenance in Wireless Proactive Routing Protocols **2012**,		1
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22	Optimal Energy Management in Microgrids Using Meta-heuristic Technique. *Lecture Notes on Data Engineering and Communications Technologies*, **2018**, 303-314	0.4	1
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