

# Zahoor Ali Khan

## 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.

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	Towards Efficient Energy Utilization Using Big Data Analytics in Smart Cities for Electricity Theft Detection. <i>Big Data Research</i> , <b>2022</b> , 27, 100285	3.7	4
251	Q-learning based energy-efficient and void avoidance routing protocol for underwater acoustic sensor networks. <i>Computer Networks</i> , <b>2021</b> , 197, 108309	5.4	6
250	Contemporary Cutting Edge Applications of IoT (Internet of Things) in Industries <b>2020</b> ,		3
249	Short Term Electricity Price Forecasting Through Convolutional Neural Network (CNN). <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 1181-1188	0.4	3
248	Electricity Theft Detection Using Supervised Learning Techniques on Smart Meter Data. <i>Sustainability</i> , <b>2020</b> , 12, 8023	3.6	26
247	On Maximizing User Comfort Using a Novel Meta-Heuristic Technique in Smart Home. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 26-38	0.4	0
246	Towards Efficient Energy Management in a Smart Home Using Updated Population. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 39-52	0.4	1
245	Optimal Power Flow with Uncertain Renewable Energy Sources Using Flower Pollination Algorithm. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 95-107	0.4	7
244	BTRS: Buffer-Threshold Based Relay Selection Scheme for Cooperative Wireless Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 23089-23099	3.5	4
243	Energy harvesting techniques for routing issues in wireless sensor networks. <i>International Journal of Grid and Utility Computing</i> , <b>2019</b> , 10, 10	1.1	18
242	Efficient routing for corona based underwater wireless sensor networks. <i>Computing (Vienna/New York)</i> , <b>2019</b> , 101, 831-856	2.2	7
241	Towards Optimizing Energy Efficiency and Alleviating Void Holes in UWSN. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2019</b> , 516-527	0.4	
240	Energy Efficient Scheduling of Smart Home. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 67-79	0.4	5
239	Hybrid meta-heuristic optimization based home energy management system in smart grid. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2019</b> , 10, 4837-4853	3.7	49
238	EH-ARCUN: Energy Harvested Analytical Approach Towards Reliability with Cooperation for Underwater WSNs. <i>EAI/Springer Innovations in Communication and Computing</i> , <b>2019</b> , 147-157	0.6	2
237	. <i>IEEE Access</i> , <b>2019</b> , 7, 140102-140125	3.5	22
236	An Innovative Home Energy Management Model with Coordination among Appliances using Game Theory. <i>Sustainability</i> , <b>2019</b> , 11, 6287	3.6	17

235	Load and Price Forecasting Based on Enhanced Logistic Regression in Smart Grid. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2019</b> , 221-233	0.4	3
234	Data Analytics for Load and Price Forecasting via Enhanced Support Vector Regression. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2019</b> , 259-270	0.4	2
233	Short-Term Load Forecasting in Smart Grids: An Intelligent Modular Approach. <i>Energies</i> , <b>2019</b> , 12, 164	3.1	45
232	Region Aware Proactive Routing Approaches Exploiting Energy Efficient Paths for Void Hole Avoidance in Underwater WSNs. <i>IEEE Access</i> , <b>2019</b> , 7, 140703-140722	3.5	16
231	Enhanced Evolutionary Sizing Algorithms for Optimal Sizing of a Stand-Alone PV-WT-Battery Hybrid System. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 5197	2.6	10
230	DRADS: depth and reliability aware delay sensitive cooperative routing for underwater wireless sensor networks. <i>Wireless Networks</i> , <b>2019</b> , 25, 777-789	2.5	21
229	A priority-induced demand side management system to mitigate rebound peaks using multiple knapsack. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2019</b> , 10, 1655-1678	3.7	21
228	Fair energy management with void hole avoidance in intelligent heterogeneous underwater WSNs. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2019</b> , 10, 4225-4241	3.7	15
227	. <i>IEEE Access</i> , <b>2018</b> , 6, 34670-34690	3.5	27
226	Void Hole and Collision Avoidance in Geographic and Opportunistic Routing in Underwater Wireless Sensor Networks. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 225-236	0.4	3
225	Fuzzy Energy Management Controller for Smart Homes. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 200-207	0.4	1
224	Two Hop Adaptive Routing Protocol for Underwater Wireless Sensor Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 181-189	0.4	0
223	Managing Energy in Smart Homes Using Binary Particle Swarm Optimization. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 189-196	0.4	1
222	Performance Measurement of Energy Management Controller Using Heuristic Techniques. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 181-188	0.4	3
221	An Efficient Scheduling of Electrical Appliance in Micro Grid Based on Heuristic Techniques. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 164-173	0.4	1
220	<b>2018</b> ,		4
219	Efficient Power Scheduling in Smart Homes Using Hybrid Grey Wolf Differential Evolution Optimization Technique with Real Time and Critical Peak Pricing Schemes. <i>Energies</i> , <b>2018</b> , 11, 384	3.1	36
218	A Domestic Microgrid with Optimized Home Energy Management System. <i>Energies</i> , <b>2018</b> , 11, 1002	3.1	27

217	Jaya based Optimization Method with High Dispatchable Distributed Generation for Residential Microgrid. <i>Energies</i> , <b>2018</b> , 11, 1513	3.1	9
216	Position adjustmentBased location errorResilient geo-opportunistic routing for void hole avoidance in underwater sensor networks. <i>Concurrency Computation Practice and Experience</i> , <b>2018</b> , 30, e4772	1.4	12
215	EDHBPSO: Enhanced Differential Harmony Binary Particle Swarm Optimization for Demand Side Management in Smart Grid <b>2018</b> ,		3
214	Appliances Scheduling Using State-of-the-Art Algorithms for Residential Demand Response. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 292-302	0.4	1
213	Routing Protocol with Minimized Load Distribution for UASNs. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 258-269	0.4	
212	Stochastic Power Management in Microgrid with Efficient Energy Storage. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 202-213	0.4	
211	Energy Balanced Load Distribution Through Energy Gradation in UWSNs. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 247-257	0.4	
210	Transmission Range Adjustment for Void Hole Avoidance in UWSNs. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 270-280	0.4	
209	Optimal Energy Management in Microgrids Using Meta-heuristic Technique. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 303-314	0.4	1
208	Optimized Energy Management Strategy for Home and Office. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 237-246	0.4	
207	Monitoring of Power Transmission Lines Through Wireless Sensor Networks in Smart Grid. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 162-170	0.4	2
206	User Comfort Oriented Residential Power Scheduling in Smart Homes. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 171-180	0.4	6
205	Cuckoo Search Optimization Technique for Multi-objective Home Energy Management. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 520-529	0.4	4
204	A Metaheuristic Scheduling of Home Energy Management System. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 214-224	0.4	1
203	Exploiting Meta-heuristic Technique for Optimal Operation of Microgrid. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 281-291	0.4	1
202	Efficient Utilization of HEM Controller Using Heuristic Optimization Techniques. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 573-584	0.4	0
201	Cost and Comfort Based Optimization of Residential Load in Smart Grid. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , <b>2018</b> , 563-572	0.4	0
200	Balancing Demand and Supply of Energy for Smart Homes. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 1000-1008	0.4	0

199	Single Hop Selection Based Forwarding in WDFAD-DBR for Under Water Wireless Sensor Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 197-204	0.4	
198	Optimized Energy Efficient Routing Using Dynamic Clustering in Wireless Sensor Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 617-626	0.4	1
197	User Satisfaction Based Home Energy Management System for Smart Cities. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 190-199	0.4	
196	Game Theory based Electric Price Tariff and Salp Swarm Algorithm for Demand Side Management <b>2018</b> ,		4
195	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. <i>Energies</i> , <b>2018</b> , 11, 3125	3.1	25
194	Towards Fast Response, Reduced Processing and Balanced Load in Fog-Based Data-Driven Smart Grid. <i>Energies</i> , <b>2018</b> , 11, 3345	3.1	13
193	Delay and energy consumption analysis of priority guaranteed MAC protocol for wireless body area networks. <i>Wireless Networks</i> , <b>2017</b> , 23, 1249-1266	2.5	44
192	A Balanced Energy-Consuming and Hole-Alleviating Algorithm for Wireless Sensor Networks. <i>IEEE Access</i> , <b>2017</b> , 5, 6134-6150	3.5	35
191	Multi-agent-based sharing power economy for a smart community. <i>International Journal of Energy Research</i> , <b>2017</b> , 41, 2074-2090	4.5	20
190	MEES: Mobile Energy Efficient Square Routing for Underwater Wireless Sensor Networks <b>2017</b> ,		4
189	Multiagent Control System for Residential Energy Management under Real Time Pricing Environment <b>2017</b> ,		4
188	A Novel Pricing Mechanism for Demand Side Load Management in Smart Grid <b>2017</b> ,		2
187	An Enhanced Differential Evolution Based Energy Management System for Smart Grids <b>2017</b> ,		3
186	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 2587-2596	11.9	70
185	<b>2017</b> ,		11
184	Various node mobility scenarios of wireless sensor networks based on B-MAC protocol <b>2017</b> ,		1
183	DSAB: Dual sink approach in WBANs <b>2017</b> ,		1
182	Towards Efficient Energy Management of Smart Buildings Exploiting Heuristic Optimization with Real Time and Critical Peak Pricing Schemes. <i>Energies</i> , <b>2017</b> , 10, 2065	3.1	74

181	Exploiting heuristic algorithms to efficiently utilize energy management controllers with renewable energy sources. <i>Energy and Buildings</i> , <b>2016</b> , 129, 452-470	7	200
180	Energy consumption model for density controlled divide-and-rule scheme for energy efficient routing in wireless sensor networks. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , <b>2016</b> , 21, 130	0.7	18
179	Priority and delay constrained demand side management in real-time price environment with renewable energy source. <i>International Journal of Energy Research</i> , <b>2016</b> , 40, 2002-2021	4.5	40
178	Comparative Assessment of Performance for Home Energy Management Controller in Smart Grid <b>2016</b> ,		1
177	BEEC: Balanced Energy Efficient Circular Routing Protocol for Underwater Wireless Sensor Networks <b>2016</b> ,		7
176	An Energy Efficient Hybrid Clustering Routing Protocol for Underwater WSNs <b>2016</b> ,		2
175	Clustering Depth Based Routing for Underwater Wireless Sensor Networks <b>2016</b> ,		14
174	Enhanced Single Chain-Based Scheme in Cylindrical Underwater Wireless Sensor Networks <b>2016</b> ,		2
173	A Smart Home Energy Management Strategy Based on Demand Side Management <b>2016</b> ,		4
172	MobiSink: Cooperative Routing Protocol for Underwater Sensor Networks with Sink Mobility <b>2016</b> ,		14
171	On Utilizing Static Courier Nodes to Achieve Energy Efficiency with Depth Based Routing for Underwater Wireless Sensor Networks <b>2016</b> ,		2
170	SEEC: Sparsity-Aware Energy Efficient Clustering Protocol for Underwater Wireless Sensor Networks <b>2016</b> ,		14
169	An Energy Efficient and Balanced Energy Consumption Cluster Based Routing Protocol for Underwater Wireless Sensor Networks <b>2016</b> ,		14
168	. <i>IEEE Sensors Journal</i> , <b>2016</b> , 16, 4431-4442	4	53
167	On Reliable and Efficient Data Gathering Based Routing in Underwater Wireless Sensor Networks. <i>Sensors</i> , <b>2016</b> , 16,	3.8	6
166	Performance Optimization of Priority Assisted CSMA/CA Mechanism of 802.15.6 under Saturation Regime. <i>Sensors</i> , <b>2016</b> , 16,	3.8	16
165	Real Time Information Based Energy Management Using Customer Preferences and Dynamic Pricing in Smart Homes. <i>Energies</i> , <b>2016</b> , 9, 542	3.1	42
164	An Enhanced System Architecture for Optimized Demand Side Management in Smart Grid. <i>Applied Sciences (Switzerland)</i> , <b>2016</b> , 6, 122	2.6	12

163	Realistic Scheduling Mechanism for Smart Homes. <i>Energies</i> , <b>2016</b> , 9, 202	3.1	56
162	Energy Optimization in Smart Homes Using Customer Preference and Dynamic Pricing. <i>Energies</i> , <b>2016</b> , 9, 593	3.1	30
161	Towards Reliable and Energy-Efficient Incremental Cooperative Communication for Wireless Body Area Networks. <i>Sensors</i> , <b>2016</b> , 16, 284	3.8	28
160	Exploiting Outage and Error Probability of Cooperative Incremental Relaying in Underwater Wireless Sensor Networks. <i>Sensors</i> , <b>2016</b> , 16,	3.8	6
159	Enhanced Energy Efficient Depth Based Routing Protocol for Underwater WSNs <b>2016</b> ,		5
158	Modeling induction and routing to monitor hospitalized patients in multi-hop mobility-aware body area sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2016</b> , 2016,	3.2	5
157	Appliance Scheduling for Energy Management with User Preferences <b>2016</b> ,		3
156	A Reliable and Interference-Aware Routing Protocol for Underwater Wireless Sensor Networks <b>2016</b> ,		5
155	Mobil-AUV: AUV-Aided Localization Scheme for Underwater Wireless Sensor Networks <b>2016</b> ,		13
154	DEAC: Depth and Energy Aware Cooperative Routing Protocol for Underwater Wireless Sensor Networks <b>2016</b> ,		11
153	MC: Maximum Coverage Routing Protocol for Underwater Wireless Sensor Networks <b>2016</b> ,		2
152	Transient Stability Analysis of an Islanded Microgrid under Variable Load <b>2016</b> ,		1
151	Improved Genetic Algorithm Based Energy Efficient Routing in Two-Tiered Wireless Sensor Networks <b>2016</b> ,		1
150	Distributed Topology Control Protocols for Underwater Sensor Networks <b>2016</b> ,		2
149	AVN-AHH-VBF: Avoiding Void Node with Adaptive Hop-by-Hop Vector Based Forwarding for Underwater Wireless Sensor Networks <b>2016</b> ,		4
148	Demand Side Management Using Hybrid Bacterial Foraging and Genetic Algorithm Optimization Techniques <b>2016</b> ,		23
147	EEORS: Energy Efficient Optimal Relay Selection Protocol for Underwater WSNs <b>2016</b> ,		4
146	Heuristic Algorithm Based Energy Management System in Smart Grid <b>2016</b> ,		3

145	SMIC: Sink Mobility with Incremental Cooperative Routing Protocol for Underwater Wireless Sensor Networks <b>2016</b> ,		7
144	DRADS: Depth and Reliability Aware Delay Sensitive Routing Protocol for Underwater WSNs <b>2016</b> ,		4
143	EEIRA: An Energy Efficient Interference and Route Aware Protocol for Underwater WSNs <b>2016</b> ,		1
142	Ant Colony Optimization Based Energy Management Controller for Smart Grid <b>2016</b> ,		17
141	Cost and Load Reduction Using Heuristic Algorithms in Smart Grid <b>2016</b> ,		5
140	Socioeconomic Human Well-Being and Posterity: A Newly Proposed Faith-Based Measurement Index. <i>Journal of Religion and Spirituality in Social Work</i> , <b>2015</b> , 34, 72-90	0.6	2
139	DSM: Dynamic Sink Mobility Equipped DBR for Underwater WSNs. <i>Procedia Computer Science</i> , <b>2015</b> , 52, 560-567	1.6	12
138	A Review on Demand Response: Pricing, Optimization, and Appliance Scheduling. <i>Procedia Computer Science</i> , <b>2015</b> , 52, 843-850	1.6	35
137	Incremental Relay Based Cooperative Communication in Wireless Body Area Networks. <i>Procedia Computer Science</i> , <b>2015</b> , 52, 552-559	1.6	12
136	A Survey of User Comfort in Home Energy Management Systems in Smart Grid <b>2015</b> ,		5
135	Chain-based communication in cylindrical underwater wireless sensor networks. <i>Sensors</i> , <b>2015</b> , 15, 3625-3648		27
134	A Survey of Home Energy Management for Residential Customers <b>2015</b> ,		8
133	Overload Management in Transmission System Using Particle Swarm Optimization. <i>Procedia Computer Science</i> , <b>2015</b> , 52, 858-865	1.6	5
132	QPRR: QoS-Aware Peering Routing Protocol for Reliability Sensitive Data in Body Area Network Communication. <i>Computer Journal</i> , <b>2015</b> , 58, 1701-1716	1.3	8
131	A generic demand-side management model for smart grid. <i>International Journal of Energy Research</i> , <b>2015</b> , 39, 954-964	4.5	58
130	A New Linear Cluster Handling (LCH) Technique Towards Energy Efficiency in Linear WSNs <b>2015</b> ,		2
129	Demand Response: From Classification to Optimization Techniques in Smart Grid <b>2015</b> ,		4
128	DYN-NbC-JSM: Dynamic Joint Sink Mobility with Need-Based Clustering in WSNs <b>2015</b> ,		2



127	Circular Joint Sink Mobility Scheme for Wireless Sensor Networks <b>2015</b> ,		1
126	Bio inspired distributed energy efficient clustering for Wireless Sensor Networks <b>2015</b> ,		5
125	A Fatigue Measuring Protocol for Wireless Body Area Sensor Networks. <i>Journal of Medical Systems</i> , <b>2015</b> , 39, 193	5.1	6
124	BEC: A novel routing protocol for balanced energy consumption in Wireless Body Area Networks <b>2015</b> ,		17
123	SEDG: Scalable and Efficient Data Gathering Routing Protocol for Underwater WSNs. <i>Procedia Computer Science</i> , <b>2015</b> , 52, 584-591	1.6	33
122	Application of PSO for HEMS and ED in Smart Grid <b>2015</b> ,		4
121	Performance Evaluation of Experimental Setups in Home Energy Management Systems in Smart Grid <b>2015</b> ,		1
120	An energy-efficient distributed clustering algorithm for heterogeneous WSNs. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2015</b> , 2015,	3.2	30
119	A Relay Based Routing Protocol for Wireless In-Body Sensor Networks. <i>Wireless Personal Communications</i> , <b>2015</b> , 80, 1063-1078	1.9	18
118	Towards optimising routing overhead in wireless multi-hop networks. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , <b>2015</b> , 19, 4	0.7	5
117	Delay-Sensitive Routing Schemes for Underwater Acoustic Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 11, 532676	1.7	37
116	ARCUN: Analytical Approach towards Reliability with Cooperation for Underwater WSNs. <i>Procedia Computer Science</i> , <b>2015</b> , 52, 576-583	1.6	10
115	Modeling Routing Overhead of Reactive Protocols at Link Layer and Network Layer in Wireless Multihop Networks. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-14	1.1	3
114	An Efficient Power Scheduling Scheme for Residential Load Management in Smart Homes. <i>Applied Sciences (Switzerland)</i> , <b>2015</b> , 5, 1134-1163	2.6	81
113	A Modified Feature Selection and Artificial Neural Network-Based Day-Ahead Load Forecasting Model for a Smart Grid. <i>Applied Sciences (Switzerland)</i> , <b>2015</b> , 5, 1756-1772	2.6	33
112	DEADS: Depth and Energy Aware Dominating Set Based Algorithm for Cooperative Routing along with Sink Mobility in Underwater WSNs. <i>Sensors</i> , <b>2015</b> , 15, 14458-86	3.8	51
111	An Efficient Data-Gathering Routing Protocol for Underwater Wireless Sensor Networks. <i>Sensors</i> , <b>2015</b> , 15, 29149-81	3.8	38
110	Mobile Sensor Networks Applications and Confidentiality. <i>Mobile Information Systems</i> , <b>2015</b> , 2015, 1-2	1.4	1

109	QPRD: QoS-Aware Peering Routing Protocol for Delay-Sensitive Data in Hospital Body Area Network. <i>Mobile Information Systems</i> , <b>2015</b> , 2015, 1-16	1.4	8
108	AAEERP: Advanced AUV-Aided Energy Efficient Routing Protocol for Underwater WSNs <b>2015</b> ,		4
107	DYN-NbC: A New Routing Scheme to Maximize Lifetime and Throughput of WSNs <b>2015</b> ,		1
106	(LEACH)2: Combining LEACH with Linearly Enhanced Approach for Cluster Handling in WSNs <b>2015</b> ,		2
105	Evaluation of Human Activity Recognition and Fall Detection Using Android Phone <b>2015</b> ,		10
104	Cooperative partner nodes selection criteria for cooperative routing in underwater WSNs <b>2015</b> ,		13
103	Real-Time Pricing with Demand Response Model for Autonomous Homes <b>2015</b> ,		2
102	AEDG: AUV-aided Efficient Data Gathering Routing Protocol for Underwater Wireless Sensor Networks. <i>Procedia Computer Science</i> , <b>2015</b> , 52, 568-575	1.6	41
101	Interference Aware Inverse EEDBR protocol for Underwater WSNs <b>2015</b> ,		7
100	Interference and Bandwidth Aware Depth Based Routing Protocols in Underwater WSNs <b>2015</b> ,		7
99	Peak Load Shaving Model Based on Individual's Habit <b>2015</b> ,		4
98	Bio-inspired Routing in Wireless Sensor Networks <b>2015</b> ,		2
97	An Incentive-based Optimal Energy Consumption Scheduling Algorithm for Residential Users. <i>Procedia Computer Science</i> , <b>2015</b> , 52, 851-857	1.6	32
96	Modeling mobility and psychological stress based human postural changes in wireless body area networks. <i>Computers in Human Behavior</i> , <b>2015</b> , 51, 1042-1053	7.7	21
95	Co-LAEEBA: Cooperative link aware and energy efficient protocol for wireless body area networks. <i>Computers in Human Behavior</i> , <b>2015</b> , 51, 1205-1215	7.7	76
94	Co-UWSN: Cooperative Energy-Efficient Protocol for Underwater WSNs. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 11, 891410	1.7	39
93	Towards Network Lifetime Maximization: Sink Mobility Aware Multihop Scalable Hybrid Energy Efficient Protocols for Terrestrial WSNs. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 2015, 1-16	1.7	2
92	Energy Hole Minimization with Field Division for Energy Efficient Routing in WSNs. <i>International Journal of Distributed Sensor Networks</i> , <b>2015</b> , 2015, 1-13	1.7	4

91	Does Microcredit Help the Poor and Financially Marginalized Communities? Experience of Pakistan. <i>Economic Studies in Inequality, Social Exclusion and Well-Being</i> , <b>2015</b> , 31-52	0	3
90	Investigating quality routing link metrics in Wireless Multi-hop Networks. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , <b>2014</b> , 69, 209-217	2	10
89	Impact of Acoustic Propagation Models on Depth-Based Routing Techniques in Underwater Wireless Sensor Networks <b>2014</b> ,		3
88	HEAT: Horizontal Moveable Energy-efficient Adaptive Threshold-Based Routing Protocol for Wireless Body Area Networks <b>2014</b> ,		2
87	<b>2014</b> ,		7
86	MCEEC: Multi-hop Centralized Energy Efficient Clustering routing protocol for WSNs <b>2014</b> ,		1
85	Design and Development of a Low Cost Ubiquitous Tracking System. <i>Procedia Computer Science</i> , <b>2014</b> , 34, 220-227	1.6	6
84	IDDR: Improved Density Controlled Divide-and-Rule Scheme for Energy Efficient Routing in Wireless Sensor Networks. <i>Procedia Computer Science</i> , <b>2014</b> , 34, 212-219	1.6	4
83	Analyzing and Evaluating Contention Access Period of Slotted CSMA/CA for IEEE802.15.4. <i>Procedia Computer Science</i> , <b>2014</b> , 34, 204-211	1.6	6
82	Forwarding Nodes Constraint based DBR (CDBR) and EEDBR (CEEDBR) in Underwater WSNs. <i>Procedia Computer Science</i> , <b>2014</b> , 34, 228-235	1.6	14
81	On Enhancing Network Reliability and Throughput for Critical-range based Applications in UWSNs. <i>Procedia Computer Science</i> , <b>2014</b> , 34, 196-203	1.6	7
80	Towards Delay-sensitive Routing in Underwater Wireless Sensor Networks. <i>Procedia Computer Science</i> , <b>2014</b> , 37, 228-235	1.6	20
79	HEX Clustering Protocol for Routing in Wireless Sensor Network <b>2014</b> ,		10
78	$\$(ACH)^{2\$}$ : Routing Scheme to Maximize Lifetime and Throughput of Wireless Sensor Networks. <i>IEEE Sensors Journal</i> , <b>2014</b> , 14, 3516-3532	4	75
77	FEEL: Forwarding Data Energy Efficiently with Load Balancing in Wireless Body Area Networks <b>2014</b> ,		14
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1 A semi-automated approach to transforming database schemas into ontology language **2011**,

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