

S.No	Department	Name of Faculty	Title of Publication	Title of Journal	Authors	ISSN	Page No	Date of Month	Publication Year	Vol	Issue	HEC Category	Impact
1	Basic Sciences	Muhammad Waqas	Impact of salespersons' skill-sets on sales Performance: an empirical investigation of a telecommunication company	Journal of Business Studies	Kashif Shafiq, Muhammad Waqas and Arslan Rafi	2414-8393	1-10	December	2017	13	2	Y	-
2	Basic Sciences	Muhammad Waqas	The Consequences of Mobile banking Services on Customer E-Satisfaction in Pakistan	Journal of Business Studies	Saima Shakh, Soobia Saeed, Muhammad Waqas and Farooq Ahmed Memon	2414-8393	39-51	May	2018	14	-	Y	-
3	Basic Sciences	Muhammad Waqas	Challenges of The Education System of Pakistan: Especially Featuring Adult Literacy and Enrolment Rate of Pakistan	IBT Journal of Business Studies	Kinza Zafar Sheikh, Muhammad Waqas and Muhammad Shahid Khan	1814-9790	187-197	-	2018	14	2	Y	-
4	Basic Sciences	Moheez ur Rahim	Ignition Behavior of Supercritical Liquid Fuel In Combustion System	Journal of Mechanics of Continua and Mathematical Sciences	Moheez Ur Rahim1, Mukkarum Hussain2, Syed Azeem Inam3 Hassan Hashim4	ISSN (Online) : 2454 - 7190 ISSN (Print) : 0973-8975	22-34	22-August	2021	16	8	Y	-
5	Basic Sciences	Muhammad Rahim	A Novel Colorimetric Chemosensor Based on Ferene-S-Conjugated Silver Nanoparticles for Selective Recognition of Fe2+	Coatings	Muhammad Rahim, Azeem Ullah ,Perveen Fazil, Gul Rukh ,Munira Taj Muhammad ,ORCID,Muhammad Ateeq, Rozina Khattak, ORCID,Muhammad Sufaid Khan, Ola A. Abu Ali, Dalia I. Saleh	ISSN: 2079-6412			2021	11	11	W	2.88
6	Basic Sciences	Muhammad Rahim	Synthesis and Photonics Applications of Aftzechin Conjugated Silver Nanoparticles	Coatings	Shahid Ali , Muhammad Rahim, , Perveen Fazil, Malik Shoaib Ahmad, Azeem Ullah, Muhammad Raza Shah ,Gul Rukh, Muhammad Ateeq, Rozina Khattak, Muhammad Sufaid Khan, Ola A. Abu Ali, Dalia I. Saleh	ISSN: 2079-6412			2021	11	11	W	2.88
7	Basic Sciences	Asif Iqbal	Design and fabrication of novel MnCr2O4 nanostructure: electrochemically deposited on stainless steel strip with enhanced efficiency towards supercapacitor applications	Journal of Materials Science: Materials in Electronics	F. F. Alharbi, Salma Aman, Naseeb Ahmad, Syeda Rabia Ejaz, Sumaira Manzoor, Rabia Yasmin Khosa, Mehar Un Nisa, M. Asif Iqbal, Sajid Abbas & Muhammad Awais	0957-4522,1573-482X	-	15-Feb	2022	33	-	X	2.478
8	Basic Sciences	Asif Iqbal	Structural spectral, dielectric, and magnetic properties of Mg substituted Ba3CoFe24O41 Z-type hexaferrites	Journal of Magnetism and Magnetic Materials	Muhammad Azhar Khan, Shaheen Astana, M.Asif Iqbal, Muhammad Junaida, Shaguffa Gulbadan, SyedaRabia Ejazi, Alina Manzoor, Ghulam Abbas Ashraf, H.M.Noor ul Huda Khan Asghar, H.H.Somaily, Manal Morsi, Thamraa Alshahrani	0304-8853		13-Jun	2022	560	-	W	2.993
9	Basic Sciences	Asif Iqbal	Evaluations of structural, thermal, spectral, and magnetic properties of Li0.5Fe2.5O4 multi magnetic oxide fabricated via sol-gel auto-ignition technique	Ceramics International	Muhammad Junaida, Muhammad ZharKhan, Abdul Majeed, Huda Alkhalidi, Mohamed S.Atlia, Mohammed A.Amineq, M.Asif Iqbal	0272-8842	21651-21656	12-Apr	2022	48	15	W	4.527
10	Basic Sciences	Muhammad Rahim	The effect of magnesium doping concentration on the structural and optical properties of zinc oxide nanoparticles	Journal of Ovonic Research	M. S. Nazara, U. Mishalib, M. Khalidib, P. Faziic, M. Rahim	1842-2403,1584-9953	565-578	July-August	2022	18	4	Y	0.892
11	Civil Engineering	Syed Fazal Abbas Baqueri	Activity-based model for medium-sized cities considering external activity-travel: Enhancing FEATHERS framework	Future Generation Computer Systems	Syed Fazal Abbas Baqueri, Muhammad Adnan, Bruno Kochan and Tom Bellemans	0167-739X	-	4-Feb	2019	-	-	W	4.639
12	Civil Engineering	Syed Fazal Abbas Baqueri	Comprehensive Modeling Framework to Integrate External Trips in a Travel Demand Model	Journal of Computing in Civil Engineering	Syed Fazal Abbas Baqueri, Muhammad Adnan, Tom Bellemans and Davy Janssens	0887-3801	1	-	2019	96	-	W	1.798
13	Computer Science	Mobeen Movania	A novel parallel algorithm for computing the mooring line based on lumped-mass method	International Journal of Modeling, Simulation, and Scientific Computing	Zhong-Xian Zhu, Yong Yin, and Muhammad Mobeen Movania	1793-9623,1793-9615		-	2016	8	1	Y	-
14	Computer Science	Mobeen Movania	A tone-mapping technique based on histogram using a sensitivity model of the human visual system	IEEE Transactions on Industrial Electronics	Ishtiaq Rasool Khan, Susanto Rahardja, Muhammad Murtaza Khan, Muhammad Mobeen Movania, and Fidaa Abed	2411-5029,2077-3099			2017	65	4	W	7.168
15	Computer Science	Tafseer Ahmed Khan	Gesture based Roman to Perso-Arabic Script Input for Touch User Interfaces	Mehran University Research Journal Of Engineering & Technology	Syed Muhammad Faraz, Sohail Abdul Sattar, and Tafseer Ahmed	0254-7821,2413-7219			2015	-	-	W	0.621
16	Computer Science	Nouman Qadeer Soomro	Multilevel Thresholding for Segmentation and Minimum Bayes Risk Learning for A Taxonomy for MAC Protocols in Wireless Sensor Networks	Journal of Medical Imaging and Health Informatics	Ke Guo, Xiabi Liu, Nouman Qadeer Soomro and Yu Liu	2156-7018		-	2016	-	-	W	0.621
17	Computer Science	Shama Siddiqui	A Taxonomy for MAC Protocols in Wireless Sensor Networks Based on Traffic Prioritization	Wireless Personal Communications	Shama Siddiqui, Anwar Ahmed Khan and Sayeed Ghani	0929-6212	1493-1522	8-Dec	2018	-	-	W	1.200
18	Computer Science	Shama Siddiqui	A Preemptive Priority-Based Data Fragmentation Scheme for Heterogeneous Traffic in Wireless Sensor Networks	Sensors	Shama Siddiqui, Anwar Ahmed Khan and Sayeed Ghani	1424-8220	4473	17-Dec	2018	18	12	W	2.475
19	Computer Science	Kinza Shafique	Ultra-wideband antenna for wearable Internet of Things devices and wireless body area network applications	John Wiley & Sons, Ltd.	Muhammad Mustaqim, Bilal A. Khawaja, Hassan T. Chattha, Kinza Shafique, Muhammad J. Zafar and Mohsin Jamil	1099-1204	1-12	12-Mar	2019	32	6	W	0.816
20	Computer Science	Shama Siddiqui	PD-MAC: Design and Implementation of Polling Distribution-MAC for Improving Energy Efficiency of Wireless Sensor Networks	International Journal of Wireless Information Networks	Dr. Shama Siddiqui, Sayeed Ghani, Anwar Ahmed Khan		200-208	8-March	2018	-	-	Y	-
21	Computer Science	Muhammad Azmi Umer	Generating Invariants using Design and Data-centric Approaches for Distributed Attack Detection	International Journal of Critical Infrastructure Protection	Muhammad Azmi Umer, Adliya Mithar, Khurum Nazir Junejo, Sridhar Arasu	ISSN: 1874-5482	100341	March	2020	28	-	W	2.225
22	Computer Science	Muhammad Azmi Umer	Machine Learning for CPS Security: Applications, Challenges and Recommendations	Machine Intelligence and Big Data Analytics for Cyber Security Applications	M. Azmi Umer, Chaudhry Muejeb Ahmed, Beebi Siti Salimah Binte Lijyakathali, Muhammad Taha Jillani, Jianming Zhou	Print:978-3-030-57023-1 Online: 978-3-030-57024-8	397-421	15-December	2021	971	-	Book Chapter	-
23	Computer Science	Shama Siddiqui	FROG-MAC: A Fragmentation Based MAC Scheme for Prioritized Heterogeneous Traffic in Wireless Sensor Networks	Wireless Personal Communications	Dr. Shama Siddiqui, Anwar Ahmed Khan and Sayeed Ghani.	ISSN: 0929-6212	2327-2381	17-May	2020	114	-	X	1.06
24	Computer Science	Shama Siddiqui	Artificial Neural Network (ANN) Enabled Internet of Things (IoT) Architecture for Music Therapy	MDPI Electronics	Shama Siddiqui, Rory Nesbitt ,Muhammad Zeeshan Shakir ,Anwar Ahmed Khan, Ahsaf Ahmed Khan,Karima Karam Khan Naeem Ramzan	2079-9292	2079-9292	29-November	2020	-	-	W	2.41
25	Computer Science	Twaha Ahmed Minal	Edit distance-based search approach for retrieving element-wise prosody/rhymes in Hindi – Urdu poetry	Indian Journal of Science and Technology	Muhammad Yaseen Khan, Muhammad Adil Rao, Shaikat Wasi, Twaha Ahmed Minal, Syed Muhammad Khaliq-ur-Rahman Raazi	0974-5645	4189-4201	9-November	2020	13	39	ISI indexed w/o IF	-
26	Computer Science	Muhammad Adil Rao	Edit distance-based search approach for retrieving element-wise prosody/rhymes in Hindi – Urdu poetry	Indian Journal of Science and Technology	Muhammad Yaseen Khan, Muhammad Adil Rao, Shaikat Wasi, Twaha Ahmed Minal, Syed Muhammad Khaliq-ur-Rahman Raazi	0974-5645	4189-4201	9-November	2020	13	39	ISI indexed w/o IF	-
27	Computer Science	Shama Siddiqui	Wavelet Transform for Signal Processing in Internet-of-Things (IoT)	Wavelet Transform for Signal denoising for IoT networks Wavelet Theory	By Indrakshi Dey and Shama Siddiqui	ISBN: 978-1-83881-947-7 Online: 978-1-83881-948-4	-	24-February	2021	-	-	Book Chapter	-

28	Computer Science	Shama Siddiqui	Achieving Energy Efficiency in Wireless Sensor Networks Using Dynamic Channel Polling and Packet Concatenation	China Communications	Shama Siddiqui, Anwar Ahmed Khan, Sayeed Ghani	1673-5447	249-270	20-August	2021	18	4	W	2.68
29	Computer Science	Muhammad Azmi Umer	A Framework Using Artificial Intelligence for Vision-Based Automated Firearm Detection and Reporting in Smart Cities	Artificial Intelligence and Blockchain for Future Cybersecurity Applications	Muhammad Hunain, Talha Iqbal M. Assad Siyal, Muhammad Azmi Umer, M. Taha Jilani	Print: 978-3-030-74574-5 Online 978-3-030-74575-2	237-255	1-May	2021	-	-	Book Chapter	-
30	Computer Science	Muhammad Azmi Umer	Role of Machine Learning in Weather Related Event Predictions for a Smart City	Machine Intelligence and Data Analytics	Muhammad Azmi Umer, M. Taha Jilani, Khurum Nazir Junejo, Sulaman Ahmad Naz, Conrad Walter D'Silva	Print: 978-3-030-72643-3 Online: 978-3-030-72065-0	49-63	1-June	2021	-	-	Book Chapter	-
31	Computer Science	Conrad Walter D'Silva	Role of Machine Learning in Weather Related Event Predictions for a Smart City	Machine Intelligence and Data Analytics for Sustainable Future Smart Cities	Muhammad Azmi Umer, M. Taha Jilani, Khurum Nazir Junejo, Sulaman Ahmad Naz, Conrad Walter D'Silva	Print: 978-3-030-72643-3 Online: 978-3-030-72065-0	49-63	1-June	2021	-	-	Book Chapter	-
32	Computer Science	Sulaman Ahmad Naz	Role of Machine Learning in Weather Related Event Predictions for a Smart City	Machine Intelligence and Data Analytics for Sustainable Future Smart Cities	Muhammad Azmi Umer, M. Taha Jilani, Khurum Nazir Junejo, Sulaman Ahmad Naz, Conrad Walter D'Silva	Print: 978-3-030-72643-3 Online: 978-3-030-72065-0	49-63	1-June	2021	-	-	Book Chapter	-
33	Computer Science	Rizwan-ul-Hasan	Performance Evaluation of MRMED Algorithm by Monitoring BER	Sir Syed University Research Journal (SSURJ) of Engg. & TECH.	Syed Rizwan-Ul-Hasan, Shakil Ahmed, Muhammad Tahir	2415-2048	44-48	30-March	2020	10	2	Y	-
34	Computer Science	Rizwan-ul-Hasan	A mathematical modeling approach to measure the probability of HIV-1 transmission for different high-risk groups of Pakistan	The Journal of Infections in Developing Countries	S. Rizwan Hasan, Fatima Farrukh, Shakil Ahmed and Syed Hani Abidi	1972-2680			2021	15	8	X	-
35	Computer Science	Rizwan-ul-Hasan	Probabilistic Measures of HIV-1 transmission in different HIV-1, Key population groups of Larkana, Pakistan.	Journal of Pakistan Medical Association	Shakeel Ahmed, Sharaf Ali Shah, Fatima Mir, and Syed Hani Abidi	0030-9982			2021	71	8	X	0.781
36	Computer Science	Adnan Alam Khan	High Efficiency Multi-Crystalline Inorganic Solar Cell Using Er+3 Based Plano Convex Lens	New Visions in Science and Technology	Adnan Alam Khan	ISBN 978-93-5547-122-2 eBook ISBN: 978-93-5547-125-3			2021	-	-	Book Chapter	-
37	Computer Science	Muhammad Rizwan Tanweer	User Specific Efficiency Parameters for Brain Computer Interface (BCI) based Upper Limb Stroke Rehabilitation System	International Journal of Emerging Trends in Computer Science and Engineering	Azhar Dilshad, Anwaar Manzoor, Muhammad Rizwan Tanweer, Tariq Javid, Muhammad Asad Ullah Khan	2347-3983			2021	9	4	Y	-
38	Computer Science	Muhammad Rizwan Tanweer	A low cost SSVEP-EEG based human-computer-interaction system for completely locked-in patients	Bulletin of Electrical Engineering and Information Technology	Azhar Dilshad, Valli Uddin, Muhammad Rizwan Tanweer, Tariq Javid	2089-3191			2021	1	-	Y	-
39	Computer Science	Khubaib Ahmed Qureshi	Social Media and Microblogs Credibility: Identification, Theory Driven Framework, and Recommendation	IEEE Access	Khubaib Ahmed Qureshi, Rauf Ahmed Shams Malick, Muhammad Sabih	ISSN: 2169-3536			2021	-	-	W	3.36
40	Computer Science	Khubaib Ahmed Qureshi	Social Media and Microblogs Credibility: Identification, Theory Driven Framework, and Recommendation	IEEE Access	Khubaib Ahmed Qureshi, Rauf Ahmed Shams Malick, Muhammad Sabih	2169-3536			2021	9	-	W	3.36
41	Computer Science	Bilal Hayat Butt	A systematic metadata harvesting workflow for analysing scientific networks	PeerJ Computer Science	Bilal H. Butt, Muhammad Rafiq, Muhammad Sabih	2376-5992			2021	7	-	W	1.39
42	Computer Science	Khubaib Ahmed Qureshi	Complex Network and Source Inspired COVID-19 Fake News Classification on Twitter	IEEE Access	Khubaib Ahmed Qureshi, Rauf Ahmed Shams Malick, Muhammad Sabih Hoccine Cherifi	ISSN: 2169-3536			2021	9	-	W	3.36
43	Computer Science	Saeed Ahmed	Proficient Masked Face Recognition Method Using Deep Learning Convolution Neural Network in Covid-19 Pandemic	International Journal of Circuits, Systems and Signal Processing	Saeed A. Awan, Syed Asif Ali, Imtiaz Hussain, Basit Hassan, Syed Muhammad Ashfaq Ashraf	1998-4464			2021	15	-	Y	-
44	Computer Science	Muhammad Azmi Umer	A Conceptual Analysis of IoT in Healthcare	Big Data Intelligence for Smart Applications	Muhammad Azmi Umer, Muhammad Taha Jilani, Asif Rafiq, Sulaman Ahmad Naz, Khurum Nazir Junejo	Print: 978-3-030-87953-3 Online: 978-3-030-87954-0			2021	994	-	Book Chapter	-
45	Computer Science	Asif Rafiq	A Conceptual Analysis of IoT in Healthcare	Big Data Intelligence for Smart Applications	Muhammad Azmi Umer, Muhammad Taha Jilani, Asif Rafiq, Sulaman Ahmad Naz, Khurum Nazir Junejo	Print: 978-3-030-87953-3 Online: 978-3-030-87954-0			2021	994	-	Book Chapter	-
46	Computer Science	Sulaman Ahmad Naz	A Conceptual Analysis of IoT in Healthcare	Big Data Intelligence for Smart Applications	Muhammad Azmi Umer, Muhammad Taha Jilani, Asif Rafiq, Sulaman Ahmad Naz, Khurum Nazir Junejo	Print: 978-3-030-87953-3 Online: 978-3-030-87954-0			2021	994	-	Book Chapter	-
47	Computer Science	Muhammad Azmi Umer	Machine learning for intrusion detection in industrial control systems: Applications, challenges, and recommendations	International Journal of Critical Infrastructure Protection	Muhammad Azmi Umer, Khurum Nazir Junejo, Muhammad Taha Jilani, Umid Adilova P. Mahzur	1874-5482			2021	-	-	W	2.865
48	Computer Science	Shama Siddiqui	Challenges and Privacy Concerns Related to Use of Information Technology in Mental Healthcare	Lecture Notes on Data Engineering and Communications Technology	Shama Siddiqui & Anwar Ahmed Khan	ISBN: 2367-4512 Online 2367-4520	-	21-May	2022	-	-	Book Chapter	-
49	Computer Science	Urooj Waheed	An Energy Efficient Crypto Suit for Secure Underwater Sensor Communication using Genetic Algorithm	Sukkur IBA Journal of Emerging Technologies (SJET)	Fozia Hanif, Urooj Waheed, Samia Masood, Rehan Shams, Syed Inayatullah	2617-3115, 2616-7069	1-17	25-Sep	2022	4	2	Y	-
50	Computer Science	Samia Masood Awan	An Energy Efficient Crypto Suit for Secure Underwater Sensor Communication using Genetic Algorithm	Sukkur IBA Journal of Emerging Technologies (SJET)	Fozia Hanif, Urooj Waheed, Samia Masood, Rehan Shams, Syed Inayatullah	2617-3115, 2616-7069	1-17	25-Sep	2022	4	2	Y	-
51	Computer Science	Shama Siddiqui	Towards developing innovation management framework (IMF) for ICT organizations at Pakistan	Journal of Innovation and Entrepreneurship	Eram Abbasi, Imran Amin & Shama Siddiqui	2192-5372	1-23	28-Jun	2022	11	45	X	-
52	Computer Science	Muhammad Adeel Mannan	SPMM: A Model Taxonomy for Designing and Managing Quality System	IEEE Access	Muhammad Adeel Mannan, Adeel Ansari	2169-3536	76720-76730	12-Jul	2022	10	-	W	3.476
53	Computer Science	Urooj Waheed	In the Direction Regarding Implementation for Cloud OS: A Review	International Journal of Advanced Trends in Computer Science and Engineering	Urooj Waheed, Muhammad Ahsan Khan	2278-3091	411-416	February	2022	10	1	Y	-
54	Computer Science	Shama Siddiqui	Internet Technologies for Personalized Care	Information and Communication Technology (ICT) Frameworks in Telehealth	Shama Siddiqui, Anwar Ahmed Khan & Indrakshi Dey	978-3-031-05049-7	173-189	23-Aug	2022	-	-	Book Chapter	-
55	Computer Science	Shama Siddiqui	Body Sensor Networks - Recent Advances and Challenges	Wireless Mesh Networks for IoT and Smart Cities: Technologies and Applications	Shama Siddiqui, Anwar Ahmed Khan & Indrakshi Dey	978-1839-53282-5	33-65	June	2022	June	-	Book Chapter	-
56	Computer Science	Shama Siddiqui	Perceptual analysis of distance sampling and transmittance estimation techniques in biomedical volume visualization	Turkish Journal of Electrical Engineering	Raazia Sosan, Muhammad Mobeen Movania, Shama Siddiqui	1300-0632, 1303-6203	2109-2123	28-Sep	2022	30	6	X	0.85
57	Computer Science	Raazia Sosan	Perceptual analysis of distance sampling and transmittance estimation techniques in biomedical volume visualization	Turkish Journal of Electrical Engineering	Raazia Sosan, Muhammad Mobeen Movania, Shama Siddiqui	1300-0632, 1303-6203	2109-2123	28-Sep	2022	30	6	X	0.85
58	Computer Science	Khubaib Ahmed Qureshi	Deception detection on social media: A source-based perspective	Knowledge-Based Systems	Khubaib Ahmed Qureshi, Rauf Ahmed Shams Malick, Hoccine Cherifi	0950-7051	109649	2-Sep	2022	296	-	W	8.139
59	Computer Science	Shama Siddiqui	A roadmap to developing energy-efficient MAC protocol in wireless sensor networks: a case of ADP-MAC development and implementation	Mehran University Research Journal of Engineering and Technology	Shama Siddiqui, Anwar Ahmed Khan, Sayeed Ghani	0254-7821, 2413-7219	-	1-Jan	2023	42	1	X	-
60	Computer Science	Urooj Waheed	GAHBT: Genetic Based Hashing Algorithm for Managing and Validating Health Data Integrity in Blockchain Technology	Blockchain in Healthcare Today	Fozia Hanif, Urooj Waheed, Rehan Shams, Aisha Shareef	2573-8240	1-14	3-Feb	2023	6	2	Y	-
61	Electrical Engineering	Kafeel Ahmed	A design method for developing a high misalignment tolerant wireless charging system for electric vehicles	Measurement: Journal of the International Measurement Confederation	Kafeel Ahmed Kalwar, Muhammad Amir, Saad Mekhlief	0263-2241			2017	118	-	W	2.359
62	Electrical Engineering	Kafeel Ahmed	A High-Frequency Isolated Online Uninterruptible Power Supply (UPS) System with Small Battery Bank for Low Power Applications	Energies	Muhammad Amir, Wajahat Ullah Tareen, Kafeel Ahmed Kalwar, Muabair Ahmed Memon, and Saad Mekhlief	1996-1073			2017	-	-	W	2.077
63	Electrical Engineering	Kinza Shafique	Energy Harvesting Using a Low-Cost Rectenna for Internet of Things (IoT) Applications	IEEE Access	Kinza Shafique, Bilal A. Khawaja, Muhammad Daniyal Khurram, Syed Maaz Sibtain, Yazir Siddiqui, Muhammad Mustajim, Hassan Tariq Chahtha and Xiaodong Yang	2169-3536	30832-30941	8-May	2018	6	-	W	3.244

64	Electrical Engineering	Kinza Shafique	Ultra-wideband antenna for wearable Internet of Things devices and wireless body area network applications	International Journal of Numerical Modeling: Electronics Networks, Devices and Fields: Modeling of wearable and implantable Communication and Sensing Components and Systems	Kinza Shafique, Bilal A. Khawaja, T.Chaththa, Muhammad Mustajm, Muhammad J Zafar, Mohsin Jamil	ISSN: 1099-1204	-	12-March	2019	-	-	W	0.833
65	Electrical Engineering	Kinza Shafique	Internet of Things (IoT) For Next -Generation Smart Systems: A Review of Current Challenges, Future Trends and Prospects for Emerging 5G-IoT Scenarios	IEEE Access Journal	Kinza Shafique, Bilal A Khawaja, Farah Sabi, Sameer Qazi, Muhammad Mustajm	ISSN: 2169-3536	23022-23040	28-January	2020	32	-	W	3.745
66	Electrical Engineering	Irfan Hussain	Mitigating Power Fluctuations for Energy Storage in Wind Energy Conversion System Using Super capacitors	IEEE Access	Irfan Hussain Panhwar, Kafel Ahmed, Mehdi Syedmahmoudian, Alex Stojcovski, Ben Horan, Saad Mekhrie, Aelm Aslam and Maryam Asghar	2169-3536	189747-189760	15-October	2020	-	-	W	3.745
67	Electrical Engineering	Imtiaz Hussain	Multiple faults detection and identification of three phase induction motor using advanced signal processing techniques.	3C Tecnologia. Glosas de innovacion aplicadas a la pyme.	Imtiaz Hussain, Majid Hussain, Rana Rizwan Ahmed, Tayab Din Memon.	2254-4143	93-116	13-November	2020	-	35	Y	-
68	Electrical Engineering	Imtiaz Hussain	FPGA based on-line fault diagnostic of induction motors using electrical signature analysis	International Journal of Information Technology	Karim, E., Memon, T. D., & Dr. Imtiaz Hussain		165-169	March	2019	11	6	ISI indexed w/o IF	-
69	Electrical Engineering	Imtiaz Hussain	"FPGA based Synthesize of PSO Algorithm and its Area-Performance Analysis"	International Journal of Advanced Computer Science and Applications (IJACSA)	Bharat Lal Harijan, Farrukh Shaikh, Burhan Aslam Arain, Tayab Din Memon and Imtiaz Hussain	2156-5570	270-275	-	2018	9	6	ISI indexed w/o IF	-
70	Electrical Engineering	Imtiaz Hussain	Extended Kalman Filter for estimation of contact forces at wheel – rail interface	3C Tecnologia. Glosas de innovacion aplicadas a la pyme.	Imtiaz Hussain, Mal, K., Chowdhry, B.S., Memon, T.D	2254-4143	-	30 - April	2020	-	-	Y	-
71	Electrical Engineering	Imtiaz Hussain	Adhesion level identification in wheel-rail contact using deep neural networks.	Engr. Dr. Imtiaz Hussain Kalwar, Ujjan, S.M. Chowdhry, B.S. Memon, T.D., Soother, D.K		2254-4143	-	30 - April	2020	-	-	Y	-
72	Electrical Engineering	Imtiaz Hussain	Fuzzy Logic based Anti-Slip Control of Commuter Train with FPGA Implementation	International Journal of Advanced Computer Science and Applications(IJACSA)	Fozia Hajano, Tayab D Memon, Farzana Rauf Abro, Imtiaz Hussain Kalwar and Burhan.		293-300	-	2020	11	4	ISI indexed w/o IF	-
73	Electrical Engineering	Imtiaz Hussain	Signal Based Indirect Wheel Profile Estimation Technique for Solid Axle Railway Wheelset	Mehran University Research Journal of Engineering and Technology	Khurram Shaikh, Imtiaz Hussain Kalwar, Khakoo Mal, Bhawani Shankar Chowdhry	0254-7821	443-449	1-April	2021	40	2	ISI indexed w/o IF	-
74	Electrical Engineering	Imtiaz Hussain	A New Estimation of Nonlinear Contact Forces of Railway Vehicle	Intelligent Automation & Soft Computing	Khakoo Mal, Imtiaz Hussain Kalwar, Khurram Shaikh, Tayab Din Memon, Bhawani Shankar Chowdhry, Kashif Nisar, Manoj Gupta	ISSN: 1079-8587 ISSN: 2326-005X (online)	623-841	20-April	2021	28	3	X (print)	1.276
75	Electrical Engineering	Imtiaz Hussain	The Importance of Feature Processing In Deep-Learning-Based Condition Monitoring Of Motors	Mathematical Problems in Engineering	Dileep Kumar Soother, Jawaid Daudpoto, Nicholas R. Harris, Majid Hussain, Sanaullah Mehran, Imtiaz Hussain Kalwar, Tanweer Hussain, Tayab Din Memon	1024-123X, 1563-5147	23	8-April	2021	-	-	W	1.009
76	Electrical Engineering	Imtiaz Hussain	A Novel Method Based on UNET for Bearing Fault Diagnosis	CMC- Computers, Materials & Continua	Dileep Kumar Soother, Imtiaz Hussain Kalwar, Tanweer Hussain, Bhawani Shankar Chowdhry, Sanaullah Mehran Ujjan, Tayab Din Memon	1546-2218, 1546-2226	393-408	4-June	2021	69	1	W	4.89
77	Electrical Engineering	Bizzat Hussain	Incentive Based Load Shedding Management in a Microgrid Using Combinatorial Auction with IoT Infrastructure	Sensors	Bizzat Hussain Zaid, Ihsan Ullah, Musharrif Alam, Barnidele Adebisi, Atif Azad, Ali Raza Ansari, Raheel Nawaz	1424-3210, 1424-8220	1935	March	2021	21	6	W	3.275
78	Electrical Engineering	Bizzat Hussain	Combinatorial auctions for energy storage sharing amongst the households	Journal of energy storage	Bizzat Hussain Zaid, Dost Muhammad Saqib Bhatti, Ihsan Ullah	2352-152X	291-301	October	2018	19	19	W	3.762
79	Electrical Engineering	Imtiaz Hussain	Stator Winding Fault Detection and Classification in Three-Phase Induction Motor	Intelligent Automation & Soft Computing	Khakoo Mal, Imtiaz Hussain Kalwar, Khurram Shaikh, Tayab Din Memon, Bhawani Shankar Chowdhry, Kashif Nisar, Manoj Gupta	1079-8587	869-883	July	2021	29	3	X	1.276
80	Electrical Engineering	Imtiaz Hussain	Fuzzy Logic-Based Identification of Railway Wheelset Concavity Using Multiple Model Approach	Sustainability	Erum Saba, Imtiaz Hussain Kalwar, Mukhtiar Ali Unar, Abdul Latif Memon and Naeerullah Pirzada	2071-1050			2021	-	-	W	3.7
81	Electrical Engineering	Imtiaz Hussain	Model Based Indirect Concavity Estimation Technique for Solid Axle Railway Wheelset	Mehran University Research Journal of Engineering And Technology	Erum Saba, Imtiaz Hussain Kalwar, Mukhtiar Ali Unar	2413-7219			2021	40	4	ISI indexed w/o IF	-
82	Electrical Engineering	Muhammad Sabih	A systematic metadata harvesting workflow for analysing scientific networks	PeerJ Computer Science	Bilal H. Butt, Muhammad Rafi, Muhammad Sabih	2376-5992			2021	-	-	W	2.98
83	Electrical Engineering	Muhammad Sabih	Social Media and Microblogs Credibility: Identification, Theory Driven Framework, and Recommendation	IEEE Access	Khubaib Ahmed Qureshi, Raul Ahmed Shams Malick, Muhammad Sabih	ISSN: 2169-3536			2021	9	-	W	3.367
84	Electrical Engineering	Muhammad Sabih	Un-Compromised Credibility: Social Media Based Multi-Class Hate Speech Classification for Text	IEEE Access	Khubaib Ahmed Qureshi, Muhammad Sabih	2169-3536			2021	-	-	W	3.367
85	Electrical Engineering	Muhammad Sabih	Complex Network and Source Inspired COVID-19 Fake News Classification on Twitter	IEEE Access	Khubaib Ahmed Qureshi, Raul Ahmed Shams Malick, Muhammad Sabih, Hocine Cherifi	ISSN: 2169-3536			2021	9	-	W	2.865
86	Electrical Engineering	Akhtar Saeed	A Simple Analytical Model for THz Band Path Loss	IEEE Communications Letters	Mikal Eriden, Annar Saleem, Ozgur Gurbuz, Cansu Eceemis, Akhtar Saeed	1089-7798, 1558-2558	1-6	2-Feb	2023	-	-	W	3.553
87	Mechanical Engineering	Nauman Qureshi	Performance Prediction of Mem Based Resistojet Thruster Through CFD	Journal of Space Technology	Syed Sheraz Ali, Dr. Nauman Qureshi and Captain Dr. Shafiq ur Rehman	2411-5029, 2077-3099			2017	-	-	Y	-
88	Mechanical Engineering	Syed Hassaan Hussain	Comparative study between positive position feedback and negative derivative feedback for vibration control of a flexible arm featuring piezoelectric actuator	International Journal of Advanced Robotic Systems	Syed Hassaan Hussain	1729-8814			2017	-	-	Y	-
89	Mechanical Engineering	Syed Sheraz Ali	Performance Prediction of Mem Based Resistojet Thruster Through CFD	Journal of Space Technology	Dr. Nauman Qureshi, Syed Sheraz Ali and Captain Dr. Shafiq ur Rehman	2411-5029, 2077-3099			2017	17	1	Y	-
90	Mechanical Engineering	Muhammad Usama Siddiqui	Design and development of thermally conductive hybrid nano-composites in polysulfone matrix	Polymer Composites	Kabeer Raza, Muhammad Usama Siddiqui, Abul Fazal M. Arif, Syed Sohail Akhtar and Abbas Saeed Hakseem	1548-0569	-	24-Apr	2018	-	-	W	1.943
91	Mechanical Engineering	Haider Ali	Performance Analysis of Air and Oxy-Fuel Laminar Combustion in a Porous Plate Reactor	Energies	Furqan Tahir, Haider Ali, Ahmer A.B. Baloch and Yasir Jamil	1996-1073	1706	6-May	2019	-	-	W	2.676
92	Mechanical Engineering	Muhammad Usama Siddiqui	Estimation and optimisation of effective thermal conductivity for polymer matrix composites with hybrid inclusions	Journal of Composite Materials	Muhammad U Siddiqui and Abul Fazal M Arif	0021-9983	-	15-Nov	2017	-	-	W	1.494
93	Mechanical Engineering	Muhammad Usama Siddiqui	A novel heat exchanger design procedure for photovoltaic panel cooling application: An analytical and experimental evaluation	Applied Energy	M.U. Siddiqui, Osman K. Siddiqui, A. Al-Sarkhib, A.F.M. Arif and Syed M. Zubair	0306-2619	41-56	1-Apr	2019	239	-	W	7.900
94	Mechanical Engineering	Muhammad Usama Siddiqui	On the Thermal Conductivity of Spark Plasma Sintered Alumina Hybrid Nanocomposites: Estimation Modeling and Experimental Validation	Science of Sintering	M. U. Siddiqui, U. Hayat, Abul Fazal M. Arif and N. Sahab	1820-7413, 0350-820X	1-15	1-Jan	2019	51	1	W	0.667
95	Mechanical Engineering	Haider Ali	Thermally excited quantum dot and energy transfer in thin films	Physica B. Physics of Condensed Matter	Haider Ali, B.S.Yibas, A. Al-Sharafi, S.B Mansour, H Al Qahatani	ISSN: 0921-4526	412346	July	2020	595	-	W	1.902
96	Mechanical Engineering	Haider Ali	Impacting Water Droplets Can Alleviate Dust from Slanted Hydrophobic Surfaces	Langmuir	Bekir S. Yibas, Abba A. Abubakar, Haider Ali, Abdullah Al-Sharafi, Ahmet Z. Sahin, Mehmet Sunar, and Hussain Al-Qahatani	1520-5827	4355-4369	31-March	2021	37	14	W	3.88

97	Mechanical Engineering	Haider Ali	Thermal conductivity assessment in a low dimension structure	International Communications in Heat	HaiderAli, Hussain Al-Qahtani, Bekir Sami Yilbas, Saad Bin Mansoor	0735-1933			2021	127	-	W	5.61
98	Mechanical Engineering	Muhammad Usama Siddiqui	Explicit prediction models for brackish water electro dialysis desalination plants: Energy consumption and membrane area	Energy Conversion and Management	M.U. Siddiqui, Muhammad M. Generous, Naeef A.A. Ghasem, Syed M. Zubair	0196-8904	115656	1-Jun	2022	261	-	W	9.709
99	Mechanical Engineering	Muhammad Usama Siddiqui	A comprehensive review on multi-physics modeling of photovoltaic modules	Energy Conversion and Management	M.U. Siddiqui, Osman K. Siddiqui, Awad B.S. Alqahtani, Haider Ali, A.F.M. Arif, Syed M. Zubair	ISSN: 0196-8904	115414	15-Apr	2022	258	-	W	9.709
100	Mechanical Engineering	Ahmad Hussain	Physiochemical Assessment of Pakistani Thar Coal, A Solution for Sustainable Energy Crises and Reduced Environmental Impacts	Journal of Engineering and Applied Sciences	Jawad Abdulah Butt, Yasmin Nergis, Ahmad Hussain and Mughal Sharif	1023-862X,2518-4571	100-109	28-Dec	2022	4	2	Y	-
101	Mechanical Engineering	Farukh Shahab	A comprehensive multi-physics model of photovoltaic modules with non-uniform solar concentration and serpentine cooling	Energy Conversion and Management	M.U.Siddiqui, M.F. Shahab, O.K.Siddiqui, H.Ali, Syed M.Zubair	0196-8904	-	13-Oct	2022	271	-	W	11.533
102	Mechanical Engineering	Muhammad Usama Siddiqui	A comprehensive multi-physics model of photovoltaic modules with non-uniform solar concentration and serpentine cooling	Energy Conversion and Management	M.U.Siddiqui, M.F. Shahab, O.K.Siddiqui, H.Ali, Syed M.Zubair	0196-8904	-	13-Oct	2022	271	-	W	11.533
103	Mechanical Engineering	Ahmad Hussain	Critical Success Factors of ERP Implementation: Evidence from Manufacturing Sector of Karachi	Journal of Independent Studies and Research Computing	Muhammad Muzammil Ghayas, Sana Hussain, Ahmad Hussain, Naz E Islam	2412-0448,1998-4154	69-73	16-Dec	2022	2	2	Y	-
104	Mechanical Engineering	Ahmad Hussain	Survey on Vulnerabilities in Blockchain's Smart Contracts	Journal of Independent Studies and Research Computing	Huma Jamshed, Ansha Zahid, Rizwan Ul Hassan Ahmad Hussain, Naz E Islam	2412-0448,1998-4154	10-14	16-Dec	2022	2	2	Y	-