

List of Publications - 2020

	Authors	Title	Journal	Year	Vol	Pages Start	Pages end	Impact Factor	Scopus Indexed	SJR
1	Velayutham Sankar, Karthik Peramaiah, Bernaurdshaw Neppolian and Sivakumar Bitragunda	Metal-organic framework mediated expeditious synthesis of benzimidazole and benzothiazole derivatives through oxidative cyclization pathway	New Journal of Chemistry	2020	44	1071	-	3.069	Indexed	Q1
2.	Himanshu Saini, M. V. Jyothirmai, Umesh V. Waghmare, Ranjit Thapa	Role of van der Waals interaction to enhance the photon absorption capability of MoS ₂ /2D heterostructure	Physical Chemistry Chemical Physics	2020	22	2275	-	3.567	Indexed	Q1
3.	Hari Balakrishnan, M.; Mannathan, S.	Palladium/Copper-Catalyzed Denitrogenative Alkylidenation and ortho-Alkynylation Reaction of 1,2,3-Benzotriazin-4(3H)-ones	Org. Lett.,	2020	22	542	-	6.55	Indexed	Q1
4.	Naidu M. Vegi, Sabyasachi Chakraborty, Maksymilian M. Zegota, Seah Ling Kuan, Anne Stumper, Vijay P. S. Rawat, Stefanie Sieste, Christian Buske, Sven Rau, Tanja Weil, Michaela Feuring-Buske	Somatostatin receptor mediated targeting of acute myeloid leukemia by photodynamic metal complexes for light induced apoptosis	Scientific Reports	2020	-	571	-	4.12	Indexed	Q1
5.	Saradesh, K. M., & Vinodkumar, G. S.	Grain refinement of 24Karat Gold (99.99wt.% pure) and 22Karat gold (Au-5.8wt.%Cu-2.5wt.%Ag) by Au-6wt.%Ti grain refiner	Gold Bulletin	2020	-	-	-	2.279	Indexed	Q2
6.	Ke Huang, Liang Wu, Maoyu Wang, Nyayabanta Swain, M. Motapothula, Yongzheng Luo, Kun Han1, Mingfeng Chen, Chen Ye, Allen Jian Yang, Huan Xu, Dong-chen Qi, Alpha T. N'Diaye1, Christos Panagopoulos, Daniel Primetzhofer, Lei Shen, Pinaki Sengupta, Jing Ma, Zhenxing Feng, Ce-Wen Nan, and X. Renshaw Wang	Medium Energy Ion Scattering spectrometry for studying 3d/5d atomically sharp interfaces	Applied Physics Reviews	2020	-	-	-	12.75	Indexed	Q1
7.	Bevara, V., & Sanki, P. K.	VLSI Implementation of High Throughput Parallel Pipeline Median Finder for IOT Applications	Sadhana	2020	-	-	-	0.769	Indexed	Q2
8.	Goutam Kumar Dalapati, Lydia Helena Wong, and Frank Erich Osterloh	Research presented at Symposium P of the 10th International Conference of Materials and Advanced Technology (ICMAT 2019)	Journal of Materials Chemistry A	2020	-	-	-	10.73	Indexed	Q1
9.	Goutam Kumar Dalapati, Saeid Masudy-Panah', Roozbeh Siavash Moakhar, Sabyasachi Chakraborty, Siddhartha Ghosh, Ajay Kushwaha, Reza Katal, Chin Sheng Chua, Gong Xiao, Sudhiranjan Tripathy, and Seeram Ramakrishna	Nano-engineered Advanced Materials for Enabling Hydrogen Economy: Functionalized Graphene incorporated Cupric Oxide Catalyst for Efficient Solar Hydrogen Production	Global Challenges	2020	-	-	-	-	Indexed	----
10.	Subrata Karmakar,	Fowler-Nordheim Law	physica status	2020	-	-	-	1.606	Indexed	Q2

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	Vanshree Parey, Chetan Mistari, Ranjit Thapa, Mahendra More, and Dhruvananda Behera	Correlated Improved Field Emission in Self-Assembled NiCr ₂ O ₄ Nanosheets	solidi (a) – applications and materials science							
11.	Subrata Karmakar, Vanshree Parey, Chetan Mistari, Ranjit Thapa, Mahendra More, and Dhruvananda Behera	Electric Field Emission and Anomalies of Electrical conductivity above room temperature in Heterogeneous NiO-SnO ₂ Nano-Ceramic Composites	Journal of Applied Physics	2020	-	-	-	2.328	Indexed	Q2
12.	Japa Aditya, Manoj Kumar Majumder, Subhendu K. Sahoo, and Ramesh Vaddi	Tunnel FET based ultra-low power and hardware secure circuit design considering p-i-n forward leakage	International Journal of Circuit Theory	2020	-	-	-	1.554	Indexed	Q2
13.	Karthik Rajendran, Durgamadhab Mahapatra, Arun Venkatesh Venkatraman, Shanmugaprasanna Muthuswamy, Arivalagan Pugazhendhi	Advancing anaerobic digestion through two-stage processes: current developments and future trends	Renewable and Sustainable Energy Reviews	2020	123	109746		10.556	Indexed	Q1
14.	Shreya Sarkar, Lakshay Dheer, C. P. Vinod, Ranjit Thapa, Umesh V. Waghmare and Sebastian C. Pete	Stress Induced Electronic Structure Modulation of Mn incorporated, Ni ₂ P Leading to Enhanced Activity for Water-Splitting	ACS Applied Energy Materials	2020	-	-	-	0	Indexed	Q1
15.	Karthikeyan Elumalai, Devender Kumar Yadav, Anup kumar Manpura	Stacking seismic data based on Ramanujan sums	IEEE Geoscience and Remote Sensing Letters	2020	-	-	-	3.53	Indexed	Q1
16.	S Kanithan, N Arun Vignesh, E Karthikeyan, N Kumaresan	An Intelligent Energy Efficient Cooperative MIMO-AF Multi-hop and Relay based Communications for Unmanned Aerial Vehicles (UAVs) Networks	Computer Communications	2020	-	-	-	2.76	Indexed	Q1
17.	Sujith Kalluri, Hyungyeon Cha, Junhyeok Kim, Hyomyung Lee, Haeseong Jang, Jaephil Cho	Building High-Rate Nickel-Rich Cathodes by Self-organization of Structurally Stable Macrovoid	Advanced Science	2020	-	-	-	15.8	Indexed	Q1
18.	Prakash Jadhav	Innovative designs of embedded foam inserts in aerospace composite structures	Materials today: Proceeding	2020	21	1164	-	-	Indexed	---
19.	E S Erakulan, Mathan Kumar E, Puru Jena, Ranjit Thapa	B ₂ H ₆ splitting on catalytic surfaces and role of BH ₃ towards hydrogen spillover	Journal of Power Sources	2020	-	-	-	7.46	Indexed	Q1
20.	Sivaramakrishnan, C.	Sampling in the image of Sobolev Space in L ₂ (R, eu ² du) under Schrödinger semigroup eitΔ	Journal of Pseudo-Differential Operators and Applications	2020	-	-	-	0.617	Indexed	Q3
21.	Singh, L., Rana, S., Thakur, S., Pant, D.	Bioelectrofuel Synthesis by Nanoenzymes: Novel Alternatives to Conventional Enzymes	Trends in Biotechnology	2020	-	-	-	0	Indexed	Q1
22.	Sobin, C.C.	A Survey on Architecture, Protocols and Challenges in IoT	Wireless Personal Communications	2020	-	-	-	0.929	Indexed	Q3
23.	Mishra, A., Saha, S., Makhija, S., Sinha, S.,	Empirical study of dynamics of amoebiasis transmission in	International Journal of	2020	33	e4186	-	1.278	Indexed	Q2

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	Raychoudhury, V., Sobin, C.C.	mobile ad hoc networks (MANETs)	Communication Systems							
24.	Hota, T.K., Mishra, M.	Transient growth and symmetrizability in rectilinear miscible viscous fingering	Journal of Engineering Mathematics	2020	-	-	-	1.146	Indexed	Q1
25.	Chaturvedi, D.	SIW cavity-backed 24° inclined-slots antenna for ISM band application	International Journal of RF and Microwave Computer-Aided Engineering	2020	-	e22160	-	1.472	Indexed	Q2
26.	Sivaramakrishnan, C.	Sampling in the image of Sobolev Space in $L_2(\mathbb{R}^2)$ under Schrödinger semigroup $e^{it\Delta}$	Journal of Pseudo-Differential Operators and Applications	2020	-	-	-	0.617	Indexed	Q3
27.	Sangi, A.R., Liu, J., Alkathairi, M.S., Anamalamudi, S.	Secure opinion sharing for reputation-based systems in mobile ad hoc networks	Measurement and Control (United Kingdom)	2020	-	-	-	1.229	Indexed	Q4
28.	Kalluri, S., Cha, H., Kim, J., Lee, H., Jang, H., Cho, J.	Building High-Rate Nickel-Rich Cathodes by Self-Organization of Structurally Stable Macrovoid	Advanced Science	2020	-	1902844	-	15.804	Indexed	Q1
29.	Shukla, A.K., Tripathi, D.	Detecting biomarkers from microarray data using distributed correlation based gene selection	Genes and Genomics	2020	-	-	-	0.759	Indexed	Q3
30.	Li, C., Murugaiyan, J., Thomas, C., Alter, T., Riedel, C.	Isolate Specific Cold Response of <i>Yersinia enterocolitica</i> in Transcriptional, Proteomic, and Membrane Physiological Changes	Frontiers in Microbiology	2020	10	3037	-	4.259	Indexed	Q1
31.	Zaied, B.K., Nasrullah, M., Siddique, M.N.I., Zularisam, A.W., Singh, L., Krishnan, S.	Co-digestion of palm oil mill effluent for enhanced biogas production in a solar assisted bioreactor: Supplementation with ammonium bicarbonate	Science of the Total Environment	2020	706	136095	-	5.589	Indexed	Q1
32.	Sebatini, S., Kalluri, S., Anish Madhavan, A.	Green synthesized α -Fe ₂ O ₃ mesoporous network for heterogeneous Fenton oxidation of thiazine dye	Materials Letters: X	2020	5	100037	-	3.019	Indexed	---
33.	Huang, K., Wu, L., Wang, M., Swain, N., Motapothula, M., Luo, Y., Han, K., Chen, M., Ye, C., Yang, A.J., Xu, H., Qi, D.-C., N'Diaye, A.T., Panagopoulos, C., Primetzhofer, D., Shen, L., Sengupta, P., Ma, J., Feng, Z., Nan, C.-W., Renshaw Wang, X.	Tailoring magnetic order via atomically stacking 3 d /5 d electrons to achieve high-performance spintronic devices	Applied Physics Reviews	2020	7	11401	-	12.750	Indexed	Q1
34.	Mandal, S.	Monotonicity of the system function of a SISO FRI system with neutrality and ordering property preserving fuzzy implications	International Journal of Approximate Reasoning	2020	120	-	-	1.982	Indexed	Q1
35.	Davis, D., Singh, S., Srivastava, M.	Influence of solid lubricants addition on the tribological properties of HVOF sprayed NiMoAl coating from 30 °C to 400 °C	Materials Letters	2020	266	127494	-	3.019	Indexed	Q1

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36.	Wang, L., Chen, Y., Long, F., Singh, L., Trujillo, S., Xiao, X., Liu, H.	Breaking the loop: Tackling homoacetogenesis by chloroform to halt hydrogen production-consumption loop in single chamber microbial electrolysis cells	Chemical Engineering Journal	2020	389	124436	-	8.355	Indexed	Q1
37.	Mohapatra, S., Dutt, P., Rathish Kumar, B.V., Gerritsma, M.I.	Non-conforming least-squares spectral element method for Stokes equations on non-smooth domains	Journal of Computational and Applied Mathematics	2020	372	112696	-	1.632	Indexed	Q2
38.	Kumar, D., Singh, A., Kumar, P., Uversky, V.N., Rao, C.D., Giri, R.	Understanding the penetrance of intrinsic protein disorder in rotavirus proteome	International Journal of Biological Macromolecules	2020	144	-	-	4.88	Indexed	Q1
39.	Sunil Chinnadurai, Poongundran Selvaprabhu, Vetriveeran Rajamani	Monte Carlo Simulation of a Uniform Response Silicon X-ray Detector	International Journal of Recent Technology and Engineering	2020	8	1305	-	-	Indexed	Q4
40.	Rahman, A.U., Ghosh, A., Chandra, A., Blumenstein, J., Mikulasek, T., Prokes A.	Time Variance of a 60 GHz Vehicular Infrastructure - to - Infrastructure Channel	IEEE JSAC	2020	-	-	-	9.3	Indexed	Q1
41.	Juvid, M. M., Sarkar, S., Gogoi, P. K., Ghosh, S., Annamalai, M., Lin, Y. C., ... & Jani, H.	Direct Growth of Wafer-Scale, Transparent, p-Type Reduced-Graphene-Oxide-like Thin Films by Pulsed Laser Deposition	ACS Nano	2020	14	3290	3298	13.9	Indexed	Q1
42.	Shukla, M. K., Nguyen, H. H., & Pandey, O. J.	Secrecy Performance Analysis of Two-Way Relay Non-Orthogonal Multiple Access Systems	IEEE Access	2020	8	39502	39512	4.09	Indexed	Q1
43.	Mujral R.	Use of stories that aren't even true': reading Salman Rushdie's Haroun and the Sea of Stories and Luka and the Fire of Life	Textual Practice	2020	-	1	18	0	Indexed	Q1
44.	Jondhale, R., Halkarni, S. S., Raykar, N. R., Sridharan, A., & Prabhu, S. V.	Influence of converging and diverging geometry on the pressure drop distribution in randomly packed beds	Particulate Science and Technology	2020	-	1	18	1.424	Indexed	Q2
45.	Karmakar, S., Raviteja, B., Mistari, C. D., Parey, V., Thapa, R., More, M. A., & Behera, D.	Superior Field Emission and Alternating Current Conduction Mechanisms for Grains and Grain Boundaries in an NiO-[CdO]2 Nanocomposite	Journal of Physics and Chemistry of Solids	2020	142	109462	-	2.752	Indexed	Q2
46.	Tripathy, S., & Devarapalli, S.	Emerging trend set by a Start-ups on Indian Online Education System: A case of BYJU'S	Journal of Public Affairs	2020	-	e2128	-	0.79	Indexed	Q3
47.	Mandal, A., Ferrara, P., Khlyebnikov, Y., Cortesi, A., & Spoto, F.	Static Analysis for Discovering IoT Vulnerabilities	International Journal on Software Tools for Technology Transfer	2020	-	-	-	1.27	Indexed	Q3

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48.	Böhringer M, Murugaiyan J, Eravci M, Weise C, Roesler U, Neubauer H, Sprague MD	Treatment of Yersinia similis with the cationic lipid DOTAP enhances adhesion to and invasion into intestinal epithelial cells - A proof-of-principle study.	Biochem Biophys Res Commun	2020	525	378	383	2.705	Indexed	Q1
49.	Skaradzińska A, Ochocka M, Śliwka P, Kuźmińska-Bajor M, Skaradziński G, Friese A, Roschanski N, Murugaiyan J, Roesler U.	Bacteriophage amplification - a comparison of selected methods.	J Virol Methods.	2020	-	113856	-	1.746	Indexed	Q3
50.	G. Rathnamma, T. Rangunathan and Shobabindhu	Improving Performance of a Distributed File System using Hierarchical Collaborative Global Caching Algorithm with Rank-Based Replacement Technique	Int. J. of Communication Networks and Distributed Systems	2020	-	-	-	0	Indexed	Q4
51.	Prem Kumar, K., Rangunathan, T., Vasumathi, D, Krishna Prasad, P.	An Efficient Load Balancing Technique based on Cuckoo Search and Firefly Algorithm in Cloud	International Journal of Intelligent Engineering and Systems	2020	-	-	-	0	Indexed	Q2
52.	Hota, T. K., Mishra, M.	Transient growth and symmetrizability in rectilinear miscible viscous fingering	Journal of Engineering Mathematics	2020	120	111	128	1.146	Indexed	Q1
53.	Iadarola, D. M., Ball, W. B., Trivedi, P. P., Fu, G., Nan, B., & Gohil, V. M.	Vps39 is required for ethanolamine-stimulated elevation in mitochondrial phosphatidylethanolamine.	BBA Mol Cell Biol Lipids	2020	-	-	-	5.321	Indexed	Q1
54.	Pancha, I., Chokshi, K., Tanaka, K., & Imamura, S.	Microalgal Target of Rapamycin (TOR): A Central Regulatory Hub for Growth, Stress Response and Biomass Production	Plant and Cell Physiology	2020	-	-	-	3.929	Indexed	Q1
55.	Jadav, P.	Effect of ply drop in aerospace composite structures	Key Engineering Materials	2020	-	-	-	0.30	Indexed	Q3
56.	Maiyelvaganan, K. R., Ravva, M. K., & Prakash, M.	Twisted Eigen Can Induce the Proton Transfer at Hydrophobic-Hydrophilic Interface	The journal of physical chemistry A	2020	-	-	-	2.641	Indexed	Q2
57.	Zaied, B. K., Rashid, M., Nasrullah, M., Zularisam, A. W., Pant, D., & Singh, L.	A comprehensive review on contaminants removal from pharmaceutical wastewater by electrocoagulation process	Science of the Total Environment	2020	-	-	-	5.58	Indexed	Q1
58.	Borges, A. L., Castro, B., Govindarajan, S., Solvik, T., Escalante, V., & Bondy-Denomy, J.	Bacterial alginate regulators and phage homologs repress CRISPR-Cas immunity	Nature Microbiology	2020	5	679	687	14.3	Indexed	Q1
59.	Pandey, O. J.	Fault-Resilient Distributed Detection and Estimation over a SW-WSN Using LCMV Beamforming	IEEE Transactions in Network and Service Management	2020	-	-	-	4.68	Indexed	Q1
60.	Ankita Singh, Jatindra Kumar Dash, Biswajit Behura, S. Chakravarty	Teaching Learning Based Optimized Support Vector Regression Model for Prediction	International Journal of Advanced Science and	2020	29	3002	3015	0.41	Indexed	Q4

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		of Indian Stock Market	Technology							
61.	Jatindra Kumar Dash, Gandham Girish, P. Pavan Kumar, E. Sudarshan, Sachi Nandan Mohanty	Classification of Lung Tissue Patterns on HRCT Images: Nature of Region of Interest and Classifier Performance	International Journal of Control and Automation	2020	-	-	-	0.13	Indexed	Q4
62.	Mehta, Ranjana, Saha, Joydip, Sengupta, Indranath	Moh's example of algebroid space curves	Journal of Symbolic Computation	2020		-	-	0.876	Indexed	Q2
63.	Sachi kumari, Salla Gangi Reddy, Vijay Kumar, R. P. Singh	Tunable ultraslow light propagation In Ruby	Optics Communications	2020	473	125913	-	1.961	Indexed	Q1
64.	Sabyasachi Mukhopadhyay, Senthil Kumar Karuppanan, Cunlan Guo, Jerry A. Fereiro, Adam Bergren, Vineetha Mukundan, Xinkai Qiu, Olga E. Castañeda Ocampo, Xiaoping Chen, Ryan C. Chiechi, Richard McCreery, Israel Pecht, Mordechai Sheves, Rupali Reddy Pasula, Sierin Lim, Christian A. Nijhuis, Ayelet Vilan, David Cahen,	Solid-state protein charge transport: cross-laboratory study shows preservation of transport mechanism, with electronic coupling dictating efficiency	iScience	2020	-	-	-	0.00	Indexed	Q1
65.	Puspendu Guha, Bishnupad Mohanty, Ranjit Thapa, R Kadam, P. Satyam, Bikash Kumar Jena	Defects Engineered MoO ₂ Nanostructures as an Efficient Electrocatalyst for Oxygen Evolution Reaction	ACS Applied Energy Materials	2020	-	-	-	0	Indexed	Q1
66.	Murugaiyan, J.; Eravci, M.; Weise, C.; Roesler, U.; Sprague, L.D.; Neubauer, H.; Wareth, G	Pan-Proteomic Analysis and Elucidation of Protein Abundance among the Closely Related Brucella Species, Brucella abortus and Brucella melitensis	Biomolecules	2020	10	836		4.694		Q1
67.	Wareth. G., Pletz M. W., Neubauer. H., Murugaiyan. J.,	Proteomics of Brucella: Technologies and their applications for basic research and medical microbiology	Microorganisms	2020	8	766		4.167		---
68.	Mayra D. Goncalves, Aleksandra Mielewczyk-Gryn, Pardha S. Maram, Lukasz Kryscio, Maria Gazda and Alexandra Navrotsky	Systematic Water Uptake Energetics of Yttrium-doped Barium Zirconate-A High Resolution Thermochemical Study	J. Phys. Chem. C	2020				4.309		Q1
69.	BV Rathish Kumar, Abdul Halim, Vijayakrishna Rowthu	Higher Oder PDE based Model for Segmenting Noisy Image	IET image processing	2020				2.70		Q2
70.	Rajeev Prasad, S.Kumar Das, T. Mandal , Jatindra Kumar Dash	A modified ranking function of linear programming problem directly approach to fuzzy environment	International Journal of Mathematics in Operational Research.	2020				0.6	Indexed	Q3
71.	Jatindra Kumar Dash, Manisha Patro, Thimmapuram Madhuri, Sujata Chakravarty, Achyuth Sarkar	Novel Texture Feature For Content Based Image Retrieval	Test Engineering and Management	2020	83	17788	17800	0	Indexed	Q4
72.	Jyoti Chauhan, Mahesh	Blue LED Mediated	Organic	2020				6.555	Indexed	Q1

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	K. Ravva, Ludovic Gremaud, and Subhabrata Sen	Intramolecular C–H Functionalization and Cyclopropanation of Tryptamines: Synthesis of Azepino[4, 5-b]indoles and Natural Product Inspired Polycyclic Indoles	Letters							
73.	Jadhav, P	Effect of Ply Drop in Aerospace Composite Structures	Key Engineering Materials	2020	847	46	51	0.35	Indexed	Q3
74.	Anjana Tripathi, Chavana Hareesh, S. Sinthika, Gunther Andersson, Ranjit Thapa	CO Oxidation on Pt based Binary and Ternary Alloy Nanocatalysts: Reaction Pathways and Electronic Descriptor	Applied Surface Science	2020				5.15	Indexed	Q1
75.	Yao, L.; Liao, H.; Ravva, M. K.; Guo, Y.; Duan, J.; Wang, Y.; Yu, Y.; Li, Z.; McCulloch, I.; Yue, W.	Metal-Free Polymerization: Synthesis and Properties of Fused Benzo[1,2- b :4,5- b ']Bis[b]Benzothiophene (BBBT) Polymers	<i>Polym. Chem</i>	2020	11	3695	3700	4.76	Indexed	Q1
76.	Milan Palei, M Motapothula, Aniruddha Ray, Ahmed L. Abdelhady, Luca Lanzano, Mirko Prato, Jaya K. Panda, Alice Scarpellini, Vittorio Pellegrini, Daniel Primetzhofer, Urko Petralanda, Liberato Manna, Zhiya Dang	Photoluminescence Enhancement and High Accuracy Patterning of Lead Halide Perovskite Single Crystals by MeV Ion Beam Irradiation	Journal of Materials Chemistry C	2020	-	-	-	6.641	Indexed	Q1
77	Shukla, A.K., Pippal, S.K., Gupta, S., Ramachandra Reddy, B. and Tripathi, D	Knowledge discovery in medical and biological datasets by integration of Relief-F and correlation feature selection techniques	Journal of Intelligent & Fuzzy Systems	2020	-	1	12		Indexed	Q2
78	A Swaminathan, A Vadivel, Michael Arock	FERCE: Facial Expression Recognition for Combined Emotions using FERCE algorithm	IETE Journal of Research	2020	-	-	-		Indexed	Q3
79	Manikandan V.M., Bini A.A.,	An Improved Reversible Data Hiding Through Encryption Scheme with Block Prechecking	Procedia Computer Science	2020	171	951	958		Indexed	---
80	V. M. Manikandan, V. Masilamani	A Novel Bit-plane Compression based Reversible Data Hiding Scheme with Arnold Transform	International Journal of Engineering and Advanced Technology	2020	9	417	423		Indexed	Q4
81	R. Shashidhara, Sriramulu Bojjagani, Anup Kumar Maurya, Saru Kumari, Hu Xiong	A Robust user authentication protocol with privacy-preserving for roaming service in mobility environments	Peer-to-Peer Networking and Applications (PPNA)	2020	-	-	-		Indexed	Q2
82	Amit Kr Mandal, Anirban Sarkar	Formal Design Model for Service Oriented System: A Conceptual Perspective	International Journal of Business and Systems Research	2020	14	249	280		Indexed	Q2
83	Kunchanapalli Ramya and Sabyasachi Mukhopadhyay	Molecule-Electrode Electronic Coupling Modulates Optoelectronics of (Bio)Molecular Junctions	JOURNAL OF ELECTRONIC MATERIALS	2020	-	-	-	1.5	Indexed	Q2
84	Sabyasachi Mukhopadhyay and Goutam Kumar Dalapati	Numerical Fitting based Compact Model – Effective way to Extract Solar Cell Parameters	JOURNAL OF ELECTRONIC MATERIALS	2020	-	-	-	1.5	Indexed	Q2

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