

SRM VALLIAMMAI ENGINEERING COLLEGE

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

STAFF PUBLICATION DETAILS- 2024

S.No.	Authors	Title	Year	Source title	Volume, Issue, Page Nos	SCI/Scopus
1	Vaithianathan V.; Ramprabhu S.; Ramesh S.; Chitra S.	FLEXIBLE WIDE BAND TRAPEZOIDAL ANTENNA FOR ELECTROMAGNETIC HEAD IMAGING SYSTEM	2024	Telecommunications and Radio Engineering	83,5,71–81	SCI
2	Ramesh S.; Chitra S.	Compact Fractal Wearable Antenna with and without Defected Ground Structure for Wireless Body Area Communications	2024	Digital Convergence in Antenna Designs: Applications for Real-Time Solutions	89,112	Scopus
3	Rajendran D.; Subramaniam R.; Dhandapani R.K.	Performance Analysis of Eight-element MIMO Mobile Phone Antenna for Sub-6 GHz 5G Applications	2024	Applied Computational Electromagnetics Society Journal	39,4,319–326	Scopus
4	Subha M.; Judson D.	A low-complexity transceiver scheme for joint DFT pre-coded DWT SC-FDMA NOMA system	2024	Sadhana – Academy Proceedings in Engineering Sciences	49,3	SCI
5	Jothy N.; James K.; Subhashini N.; Mariselvam A.K.	Efficient parking solutions powered by IoT and transportation integration	2024	Enhancing Performance, Efficiency, and Security Through Complex Systems Control	223–241	Scopus
6	Subhashini N.; Archanaa S.A.; Balaji A.; Dinesh K.	Health care model prediction using AdaBoost classifier algorithm	2024	ICABCS 2023 Proceedings	2,448–452	Scopus

7	Elayaraja C.; Amali C.; Kanniyappan N.; Mari Rajan S.	Advanced MIMO-NOMA Techniques for 5G and beyond	2024	ICCCSMD 2024	—	Scopus
8	Durgadevi K.; Balaji N.; Karthik R.; Amali C.	IoT-Enabled Monitoring and Control System with Wireless Drip Rate Monitoring	2024	ICPECTS 2024	—	Scopus
9	Amali C.; Kanniyappan N.	Frequency Selective Rasorber for 5G New Radio Communication System	2024	RAEEUCCI 2024	—	Scopus
10	Sambandam Raju P.; Arumugam Rajendran R.; Mahalingam M.	Aka-Net: anchor free-based object detection network	2024	Pattern Analysis and Applications	27,2	SCI
11	Sathiyarayanan V.; Sanjaiyan K.; Rahul J.; et al.	A Hybrid Approximate Multiplier for Energy Efficient Image Processing	2024	ICSSES 2024	—	Scopus
12	Saravanakumar C.; Usha B.N.	Estimating R, L and C in Arithmetic Circuits using ML	2024	International Research Journal of Multidisciplinary Scope	5,2,745–753	Scopus
13	Rakesh G.; Saravanakumar C.; Rishikumar C.K.; et al.	LI-FI Solutions for Arduino and Prototyping Boards	2024	ICRITO 2024	—	Scopus
14	Senthilmurugan S.; Gunaseelan K.	Performance Analysis of Multicore Processor Using FOFO-Based Approximate Compatible ALU	2024	Journal of Circuits, Systems and Computers	33,4	SCI
15	Arthi K.; Chidhambararajan B.	Advanced Enabling Technologies of IoMT in Personalized Healthcare	2024	Technological Advancement in IoMT and Blockchain	1–15	Scopus
16	Anitha R.; Murugan M.	Privacy-preserving collaboration in blockchain-enabled IoT	2024	International Journal of Communication Systems	37,18	SCI

17	Nedunchezian P.; Karunanithy K.; Bhuvaneswari M.; et al.	Hazardous Influential Node Identification in Online Social Networks	2024	IETE Journal of Research	70,5,4940–49 49	SCI
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