

CONTENTS

2023, Vol. 15, No 3

Adibah N., Firdianti B.E., Suprpto S. , Synthesis of Silver Nanoparticles Using Response Surface Methodology	03001(4)
Korde S.K., Rakshe D.S., William P., Jawale M.A., Pawar A.B. , Experimental Investigations on Copper-Based Nanoparticles for Energy Storage Applications	03002(5)
Ansari A. El, Islam T., Rama Rao S.V., Saravanan A., Das S., Idrissi N. El A. El , A Broadband Microstrip 1×8 Magic-T Power Divider for ISM Band Array Antenna Applications	03003(6)
Jawale M.A., Pawar A.B., Korde S.K., Rakshe D.S., William P., Deshpande N. , Energy Management in Electric Vehicles Using Improved Swarm Optimized Deep Reinforcement Learning Algorithm.....	03004(6)
Sulastri B.N., Madurani K.A., Kurniawan F. , Model of Corncob Biochar Modified Carbon Paste Electrode for Nitrite Detection	03005(4)
Singh S., Giri K., Chaudhuri A., Nishad T., Paul D., Poddar P. , Modelling of Gas Diffusion Layer of Polymer Electrolyte Membrane Fuel Cell: A Computational Approach..	03006(3)
Bisht N., Malik P.K., Das S. , Feeding Methods for a Circular Shaped Multiband Patch Antenna at 5G, X and Ku Band to Quantify their Effects on Antenna Characteristics	03007(5)
Usha S., Geetha P., Manimaran A., Parasuraman S., Karthika T., Selvan S., Kumutha D. , Design and Analysis of Energy Transition in Hybrid Electric Vehicle Power Train Systems.....	03008(5)
Usha S., Geetha P., Parasuraman S., Manimaran A., Karthika T., Selvan S., Kumutha D. , System for a Solar Power High-Frequency Converter Operation in Electric Vehicle Application	03009(5)
Douhi S., Islam T., Saravanan R.A., Eddiai A., Das S., Cherkaoui O. , Design of a Flexible Rectangular Antenna Array with High Gain for RF Energy Harvesting and Wearable Devices	03010(6)
Dubey R., Guruviah V., Dwivedi R.P. , Ensemble Approach for Capacitance Prediction of Heteroatom Doped Carbon Based Electrode Materials.....	03011(4)
Es-saleh A., Bendaoued M., Lakrit S., Das S., Atounti M., Faize A. , A Novel Fractal Patch Antenna Using Defected Ground Structure (DGS) with High Isolation for 5G Applications	03012(4)
Mohammed H.M., Ali W.A.E., Mohamed D.A.E. , A Super Wideband (26-70 GHz) Microstrip Patch Antenna for 5G Mobile Communication Applications.....	03013(4)
Dou-allal S., Bendaoued M., Es-saleh A., Lakrit S., Das S., Faize A. , Study and Development of a Multi-band Triangular Patch Antenna for 2.45/5.8 GHz WLAN and Wi-Fi Applications.....	03014(5)
Tewary T., Maity S., Mukherjee A., Roy A., Bhunia S. , FSS Integrated High Gain Broadband Antenna.....	03015(5)

Ghosh S.S., Mukherjee S., Chattopadhyay S., Das A., Premature Breakdown Identification in Photovoltaic Array Fed IGBT-based Voltage Source Converter.....	03016(5)
Bendaoued M., Es-saleh A., Nasiri B., Lakrit S., Das S., Mandry R., Faize A. A Compact Square Split-Ring Resonators Band-pass Filter for X Band Applications	03017(4)
Karthika T., Parasuraman S., Manimaran A., Geetha P., Selvan S., Kumutha D., Vehicles Automatic Controller by using the Eye Gaze Sensor Application	03018(5)
Mondal A., Maiti D.K., Biswas H.S., Study of Surface Morphology with Electrical and Optical Properties of GO and rGO.....	03019(4)
Rakshe D.S., William P., Jawale M.A., Pawar A.B., Korde S.K., Deshpande N., Synthesis and Characterization of Graphene Based Nanomaterials for Energy Applications.....	03020(5)
Fakchich A., Bouhadda M., Alami R. El, Abbou F.M., Essahlaoui A., Ghzaoui M. El, Medikundu N.R., Comparative Study of the Performance of Different Modulations in FSO Communication over a Turbulent Channel with Pointing Error	03021(6)
Jayanthi K., Kalpana A.M., Kumutha D., Jeyabharathi M., Sharmila P., Priya V.D., Inverted Matchstick Slotted Rectangular Patch (IMSRP) Antenna for Dual-Band (28/38GHZ) 5G – MM Wave Applications	03022(5)
Rajpoot N.K., Singh P., Pant B., Load Balancing Strategies for Cloud Computing: A Simulation-Based Study.....	03023(4)
Zikrillaev N.F., Kushiev G.A., Hamrokulov Sh.I., Abduganiev Y.A., Optical Properties of Ge_xSi_{1-x} Binary Compounds in Silicon	03024(4)
Yepuri V., Satyanarayana A., Ramachandramurthy P., Sol-gel Synthesis of Titania Nanoparticles for Photonic and Transformer Applications.....	03025(5)
Onyshchenko V.F., Reflection of Macroporous Silicon, Nanowires, and a Two-layer Structure of Silicon with an Effective Medium.....	03026(7)
Leiko O.H., Derepa A.V., Pozdniakova O.M., Starovoit Y.I., Popovych P.V., Experimental Study of the Dynamic Behavior of Pulses Emitted by a Linear System of Electromechanical Transducers	03027(5)
Ansari A. El, Jayaprakasan V., Duraisamy K., Das S., Arrouch T. El, Idrissi N. El A. El, A Wideband Microstrip 1×2 Array Antenna Fed by Coupler for Beam Steering Terahertz (THz) Band Applications	03028(5)
Naida S.A., Zheliaskova T.M., Darchuk A.V., Naida N.S., Naida A.S., Kliushnichenko H.A., Methods of Experimental Research of Broadband Piezoelectric Transducer for Medical Applications	03029(7)
Belyavina N.M., Stratiichuk D.A., Kuryliuk A.M., Turkevich V.Z., Nakonechna O.I., Kogutyuk P.P., Stasuk L.P., Effect of HPHT Sintering on Crystal Structure of NbC and TaC Carbides in PcBN Composites of cBN-NbC-Al and cBN-TaC-Al Systems	03030(4)
Raja P., Chander P.N., Faisal B.M., Prakash V., Performance Analysis of Charge-plasma Based Doping less Nanowire Field Effect Transistor.....	03031(3)

Tarik El A., Idrissi N. El A. El, Prasad G.R.K., Varakumari S., Das S., Design of Parasitic Patch Integrated High Isolation Compact Super Wideband (26 GHz-50 GHz) MIMO Antenna for 5G Applications.....	03032(6)
Shrama A., Aggarwal N., Kumar N., Vasishth A., Anand G., Variation of Various Properties of Spinel Ferrite due to Grain Size, Site Preference of Metal Ion	03033(4)
Bounegab A., Boulesbaa M., Optical Characterization of SnO ₂ Thin Film Using Variable Angle Spectroscopic Ellipsometry for Solar Cell Applications	03034(6)
Sukhodub L.F., Kumeda M.O., Sukhodub L.B., Biodegradable Conductive Nerve Conduits Based on Carbon Apatite-Biopolymer Biomaterials: Synthesis and Properties	03035(7)
Lushchin S.P., Voronkin O.S., Laser Diffraction on Particles of a Damaged Surface Layer of Piezoceramics	03036(7)
Information for authors.....	I-1