

List of Publications for Year 2021

Sr No	Publication Title	Author Name	Source title	DOI
1	Comparison of Kinematic Analysis of Robot Made of Conventional Theo Jansen Mechanism, Modified Theo Jansen Mechanism of PLA and Modified Theo Jansen Mechanism of Mild Steel	Bhavsar K.; Darji P.; Gohel D.; Modi J.; Parmar U.	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-7557-0_45
2	Blockchain-Based Decentralized Cloud Storage	Doshi D.; Khara S.	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-49795-8_54
3	Effect of Process Parameters on Tensile Strength in FSW of Aluminium and Stainless Steel	Kumar N.; Kotadiya D.; Badheka V.J.; Gadakh V.S.	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-9117-4_18
4	Design and Development of Valveless Pulsejet Engine	Modi S.; Khinchi S.; Rajpurohit N.; Rami A.; Sathish D.	3rd International Conference on Energy, Power and Environment: Towards Clean Energy Technologies, ICEPE 2020	10.1109/ICEPE50861.2021.9404374
5	Effect of Diurnal and Angular Thermal Infrared Measurements on Field-Scale Evapotranspiration	Nigam R.; Desai D.; Ravi J.; Patel P.; Bhattacharya B.K.	2021 IEEE India Geoscience and Remote Sensing Symposium, InGARSS 2021 - Proceedings	10.1109/InGARSS51564.2021.9791882
6	Influence of Fiber Orientation and Number of Layer on Tensile and Flexural Strength of Carbon Fiber-Reinforced Composites Fabricated by VARTM Process	Patel H.V.; Patel S.M.; Dave H.K.	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-9117-4_31
7	An Analysis of Brain Tumor Segmentation Using Modified U-Net Architecture	Trivedi H.; Thumar K.; Ghelani K.; Gandhi D.	Advances in Science, Technology and Innovation	10.1007/978-3-030-66218-9_16
8	Characterization of Tailored Multi-walled Carbon Nanotubes Based Composite for Geo-Space Payload Components	Vartak D.; Ghotekar Y.; Munjal B.S.; Bhatt P.; Satyanarayana B.; Lal A.K.	Journal of Electronic Materials	10.1007/s11664-021-08978-6
9	A comprehensive review on resolving ambiguities in natural language processing	Yadav A.; Patel A.; Shah M.	AI Open	10.1016/j.aiopen.2021.05.001
10	Feedforward Neural Network for joint inversion of geophysical data to identify geothermal sweet spots in Gandhar, Gujarat, India	Yadav A.; Yadav K.; Anirbid Sircar	Energy Geoscience	10.1016/j.engeos.2021.01.001

11	Geothermal energy and climate change mitigation	Yadav K.; Sircar A.; Yadav A.	Springer Climate	10.1007/978-3-030-67865-4_11
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