



SCI Published Papers 2018

SI No	Name of the Faculty	Chicago format	Link to the relevant document
1	SasiKiran, P., Manohar, T.G.	SasiKiran, P., and T. Gowri Manohar. "UKF based estimation approach for DVR control to compensate voltage swell in distribution systems." <i>Ain Shams Engineering Journal</i> 9, no. 4 (2018): 441-453.	https://doi.org/10.1016/j.asej.2016.02.001
2	Varadala, A.B., Gurugubelli, S.N., Bandaru, S.	Varadala, Ananda Babu, Swami Naidu Gurugubelli, and Sateesh Bandaru. "Equal-channel angular extrusion of Al 5083 alloy with copper shielding." <i>Emerging Materials Research</i> 7, no. 4 (2018): 227-232.	https://doi.org/10.1680/jemmr.18.00043
3	Muniraju, C.B., Muniswamy, V., Yellareswara Rao, K., Krishnaswamy, N.	Muniraju, Chaya B., Venkatesha Muniswamy, K. Yellareswara Rao, and Narayan Krishnaswamy. "Modeling of enhancement effect of moth-eye antireflective coating on organic light-emitting diode." <i>Journal of Nanophotonics</i> 12, no. 4 (2018): 046021.	https://doi.org/10.1117/1.JNP.12.046021
4	Adari, J., Gadi, V.S.K.R., Gundavarapu, V.N.K.	Adari, Jagadeesh, Venkata Siva Krishna Rao Gadi, and Venkata Nagesh Kumar Gundavarapu. "Mitigation of field stress with metal inserts for cone type spacer in a gas insulated busduct under delamination." <i>Engineering science and technology, an international journal</i> 21, no. 5 (2018): 850-861.	https://doi.org/10.1016/j.jestch.2018.06.018
5	Daniel, R., Rao, K.N.	Daniel, Ravuri, and Kuda Nageswara Rao. "Eec-fm: Energy efficient clustering based on firefly and midpoint algorithms in wireless sensor network." <i>KSII Transactions on Internet and Information Systems (TIIS)</i> 12, no. 8 (2018): 3683-3703.	doi> 10.3837/tiis.2018.08.008.
6	Varadala, A.B., Gurugubelli, S.N., Bandaru, S.	Varadala, Ananda Babu, Swami Naidu Gurugubelli, and Sateesh Bandaru. "Equal channel angular extrusion of semicircular AA 5083 covered with copper casing." <i>Emerging Materials Research</i> 7, no. 3 (2018): 160-163.	https://doi.org/10.1680/jemmr.18.00026
7	Nageswara Rao, P., Siva Krishna Rao, G.V., Nagesh Kumar, G.V.	Rao, Pulivarthi Nageswara, GV Siva Krishna Rao, and GV Nagesh Kumar. "A novel technique for controlling speed and position of bearingless switched reluctance motor employing sensorless sliding mode observer." <i>Arabian Journal for Science and Engineering</i> 43, no. 8 (2018): 4327-	https://doi.org/10.1007/s13369-017-3027-8

		4346.	
8	Ponnada, S., Srinivas, Y., Madhusudhana Rao, T.V.	Ponnada, Sreenu, Srinivas Yarramalle, and Madhusudhana Rao TV. "A hybrid approach for identification of manhole and staircase to assist visually challenged." <i>IEEE Access</i> 6 (2018): 41013- 41022.	DOI: 10.1109/ACCE SS.2018.2852723
9	Parvatheeswara Rao, B., Dhanalakshmi, B., Ramesh, S., Subba Rao, P.S.V.	Rao, B. Parvatheeswara, B. Dhanalakshmi, S. Ramesh, and PSV Subba Rao. "Cation distribution of Ni-Zn-Mn ferrite nanoparticles." <i>Journal of Magnetism and Magnetic Materials</i> 456 (2018): 444-450.	https://doi.org/10.1016 /j.jmmm.2018.02.086
10	Dhanalakshmi, B., Kollu, P., Barnes, C.H.W., Parvatheeswara Rao, B., Rao, P.S.V.S.	Dhanalakshmi, B., Pratap Kollu, Crispin HW Barnes, B. Parvatheeswara Rao, and PSV Subba Rao. "Multiferroic and magnetoelectric studies on BMFO–NZFO nanocomposites." <i>Applied Physics A</i> 124, no. 5 (2018): 1-8.	https://doi.org/10.10 07/s00339-018-1820- 1
11	Bhaskar Rao, M.P.V.V., Reddy, D.R.K., Sobhan Babu, K.	Bhaskar Rao, M. P. V. V., D. R. K. Reddy, and K. Sobhan Babu. "Kantowski–Sachs modified holographic Ricci dark energy model in Saez– Ballester theory of gravitation." <i>Canadian Journal of Physics</i> 96, no. 5 (2018): 555-559.	https://doi.org/10.1139/cjp -2016-0670