

S.NO	TITLE OF THE PAPER	AUTHORS	JOURNAL NAME	VOLUME / YEAR
1	Effect of low energy laser shock peening on the mechanical integrity of Hastelloy C-276 welds	K. Devendranath Ramkumar, Arun Narenthirana, Anish Konjentia, Pranav Nikam Pravina, T.C. Kanisha	Journal of Materials Processing Tech. https://doi.org/10.1016/j.jmatprotec.2019.116296	274 (2019) 116296
2	Multi-pass arc welding techniques of 12 mm thick super-duplex stainless steel	D.Arun , K. Devendranath Ramkumar Dr. Vimala R	Journal of Materials Processing Technology, DOI: 10.1016/j.jmatprotec.2019.03.031	Volume 271, 2019, Pages 126-143
3	Development of improved microstructural traits and mechanical integrity of stabilized stainless steel joints of AISI 321	K. Devendranath Ramkumar B.Pavan V.Chandrasekar	Journal of Manufacturing Processes, https://doi.org/10.1016/j.jmapro.2018.03.029	Volume 32, April 2018, Pages 582-594
4	Environment-Induced Degradation in Maraging Steel Grade 18Ni1700	K. Devendranath Ramkumar G. Gopi Ravi Prasad Valluri K. Sampath Kumar Trilochana Jena M. Nageswara Rao	TMS 2018 147th Annual Meeting & Exhibition Supplemental Proceedings,, DOI: 10.1007/978-3-319-72526-0_49	Springer Link, pp 521-528
5	Hot-corrosion resistance of dissimilar AISI 4340 and AISI 304L weldments in the molten salt environment at 600°C	Arivarasu.M Venkatesh kannan.M K. Devendranath Ramkumar Arivazhagan N	Corrosion Engineering, Science and Technology The International Journal of Corrosion Processes and Corrosion Control https://doi.org/10.1080/1478422X.2016.1213061	Volume 52, 2017 - Issue 2, Pages-114- 123