

PUBLICATION DETAILS

Dr. R. C. Panda

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1. J. Kanagaraj, R. C. Panda, G. C. Jayakumar : Interaction of glyoxal with collagenous matrix and its behavioral aspects for non-toxic and sustainable tanning system, International Journal of Environmental Science and Technology, 17, 2020, 879-90, <https://doi.org/10.1007/s13762-019-02327-1>
2. J. Kanagaraj, Rames C.Panda, T SenthilVelan,T. Narayani : Screening and production of a potential extracellular fungal laccase from *Penicillium chrysogenum*: media optimization by response surface methodology (RSM) and central composite rotatable design (CCRD), BioTechnology Reports, 23 (9), 2019, e00344.
3. C. Sreepradha, Rames C Panda, N S Bhuvaneswari, Atanu P., T. Thyagarajan : Parametric estimation of integrated model of a coal fired boiler in a thermal power plant, Proc of Instt of Mech Engrs – Part A- J. Power & Energy, 20(8), 2019, doi.org/10.1177/0957650919870383
4. T. Narayani, Binay Barnabas, R C Panda : Aqueous-hydrolysis of tallow for the production of glycerine – Model development and study on parametric sensitivity, Chem Eng Communications, vol.206, no.9, 2019, pp.1107-1122.
5. Atanu Panda, Shinjee Goswami, R C Panda : Dual estimation and combination of state and output-feedback based robust adaptive NMBC control scheme on Non-Linear processes, Int J Dynamics & Control, 7(2), 2019, 725-43, [10.1007/s40435-018-0474-3](https://doi.org/10.1007/s40435-018-0474-3)
6. D. Kishore, Sethi Smruti Rajan, K. Anand Kishore & Rames C. Panda : An improved identification and control of 3×3 multi-input multi-output system using relay and subspace method, Indian Chemical Engineer, 61:1, 2019, 87-101.
7. D Kishore, KA Kishore, RC Panda : Stability Analysis and Controller Design for Unstable Systems Using Relay Feedback Approach, Soft Computing for Problem Solving, 2019, 223-233.
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9. Kilaru Harshvardhan, P. SenthilKumar, Rames C Panda : A review on heavy metal pollution, toxicity and remedial measures: current trends and future perspectives, J of Molecular Liquids, 290 (6), 2019, pp. 111197.
10. Atanu Panda, Rames C Panda : Adaptive Non-linear Model Based Control Scheme Implemented on the Non-linear Processes, Nonlinear Dynamics, 91(4), 2018, 2735-53.
11. Shegaw Ahmed Mohammed, Rames C. Panda, Balaraman Madhan, Berhanu Assefa Demessie, Rumex abyssinicus (Mekmeko) : Extract as Cleaner Approach for Dyeing in Leather Manufacture: Optimization and Modeling studies, Asia-Pacific J Chem Eng, 2018, 13(2), pp. e2165.
12. Karthigai Selvan, R C Panda : Natural gas sweetening process – a review and some new results, ChemBioEng Reviews, 5(1), 2018, 57-74.

13. C. Sreepradha, R C Panda, N S Bhuvaneshwari .: Operational control of an integrated drum boiler of a coal fired thermal power plant, *Energy*, 159 (9), 2018, 977-87.
14. Kilaru Harshvardhan, Rames C Panda, A. Saravanan .: Removal of Zn(II) ions from aqueous solution using chemically modified *Annona reticulata* seeds; Kinetics, isotherm and thermodynamics, *Desal & Wat treatment*, 122, 2018, 66-77.
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