

## Dr. Rajagopal D

### List of Publications

L, P., D, R. & Rao Y.V., R. (2020). Area efficient high-performance time to digital converters. *Microprocessors and Microsystems*, 73. doi: 10.1016/j.micpro.2019.102974

Krishna, A., D, R. & J, T. (2020). Biofuels from Renewable Biomass Resources: An Overview of Technologies for Production, Environmental and Economic Impacts. *Energy, Environment, and Sustainability Alternative Fuels and Their Utilization Strategies in Internal Combustion Engines*:25–47. doi: 10.1007/978-981-15-0418-1\_3

C-K, S., A Ramlee, R., D, R. & Y Panessai, I. (2019). Tcp Performance and Throughput Fairness Optimization in a Multi-Hop Pipeline Network. *International Journal of Recent Technology and Engineering Special Issue*, 8(3S2):499–505. doi: 10.35940/ijrte.c1114.1083s219

, M., D, R., S, P., S, R. & S-T, H. (2018). In Situ Immobilized Sesamol-Quinone/Carbon Nanoblack-Based Electrochemical Redox Platform for Efficient Bioelectrocatalytic and Immunosensor Applications. *ACS Omega*, 3(9):10823–10835. doi: 10.1021/acsomega.8b01296

D, R., K, P. & S., P. (2018). A Technical Review on Control Strategies for Active Power Filters. *2018 International Conference on Emerging Trends and Innovations In Engineering And Technological Research (ICETIETR)*. doi: 10.1109/ICETIETR.2018.8529008

M.P, K., G.G.V, K., K, A., L, R., J.D, R., D, R. & J., R. (2017). Natural alkaloid Luotonin A and its affixed acceptor molecules: Serum albumin binding studies. *Journal of Photochemistry and Photobiology B: Biology*, 173:499–507. doi: 10.1016/j.jphotobiol.2017.06.030

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B.J, C., M.C, S., D, R. & T.M., S. (2017). UPEI-400, a conjugate of lipoic acid and scopoletin, mediates neuroprotection in a rat model of ischemia/reperfusion. *Food and Chemical Toxicology*, 100:175–182. doi: 10.1016/j.fct.2016.12.026

N, V., , M., D, R. & A.S., K. (2017). Pencil graphite as an elegant electrochemical sensor for separation-free and simultaneous sensing of hypoxanthine, xanthine and uric acid in fish samples. *Analytical Methods*, 9(15):2265–2274. doi: 10.1039/c7ay00445a

D, R., M, B., G, N., O.Y, K. & Y., D. (2016). Crystal structure and electronic properties of facile synthesized Cr<sub>2</sub>O<sub>3</sub> nanoparticles. *Materials Research Express*, 3(9). doi: 10.1088/2053-1591/3/9/095019

K, S., C, K., D, R., D, S. & Y.S., L. (2016). High throughput de novo RNA sequencing elucidates novel responses in *Penicillium chrysogenum* under microgravity. *Bioprocess and Biosystems Engineering*, 39(2):223–231. doi: 10.1007/s00449-015-1506-4

D, R., M, B., G, N., O.Y, K. & Y., D. (2016). Systematic synthesis and analysis of change in morphology, electronic structure and photoluminescence properties of 2,2'-dipyridyl intercalated MoO<sub>3</sub> hybrid

nanostructures and investigation of their photocatalytic activity. *RSC Advances*, 6(91):88287–88299.  
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