

Dr. Ranganath, S



PhD Institution and Year : Kuvempu University 2013

Date of Joining IISc : 13-03-2013

Area(s) of Research : Electrochemistry, Supercapacitors, Corrosion, Nanocomposites

Name of the Post-doctoral Fellowship : UGC's Dr D S Kothari PDF

Laboratory where currently working : Professor N Munichandraiah Lab, IPC, IISc

Department : Inorganic & Physical Chemistry

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Topic(s) of Research : Graphene hybrid materials for Electrochemical Supercapacitors

Research Publications in IISc :

1. "Co₂(OH)3Cl xerogels with 3D interconnected mesoporous structures as a novel high-performance supercapacitor materialS", Ranganatha, N Munichandraiah, et al., J Solid State Electrochem (2017) 21:133–143
2. "Synthesis and performance evaluation of novel cobalt hydroxylchlorides for electrochemical supercapacitors", S Ranganatha, N Munichandraiah, J Solid State Electrochem DOI 10.1007/s10008-016-3443-9
3. "Electrochemical investigations of Co₃Fe-RGO as a bifunctional catalyst for oxygen reduction and evolution reactions in alkaline media" Surender Kumar, Divyaratna Kumar, Brij Kishore, Sudhakar Ranganatha, Nookala Munichandraiah, Natarajan S Venkataraman, <http://dx.doi.org/10.1016/j.apsusc.2016.11.130>, Applied Surface Science

Other accomplishments and recognition while in IISc :

Best Poster Award at International Conference on Materials for Sustainable Future 2016 (ICMSF 2016) held at Sastra University, Tamilnadu, India during 14-15th July 2016.

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