

## List of Published Papers

- Ram,P., Sharma,R.K., Singhal,R., (2014), "Synthesis, physical and impedance spectroscopy of Tb (III) doped  $\text{LiMn}_2\text{O}_4$  cathode material", *Adv. Electrochem.* Vol. 2, pp. 46-49
- Ram,P., Gören,A., Ferdov,S., Silva,M.M., Singhal,R., Costa,C.M., Sharma,R.K., Lanceros-Méndez S., (2016), "Improved performance of rare earth doped  $\text{LiMn}_2\text{O}_4$  cathodes for lithium-ion battery applications", *New J. Chem.*, Vol. 40, pp. 6244-6252,
- Ram,P., Gören,A., Ferdov,S., Silva,M.M., Choudhary,G., Singhal,R., Costa,C.M., Sharma,R.K., Lanceros-Méndez S., (2017), "Synthesis and improved electrochemical performance of  $\text{LiMn}_{2-x}\text{Gd}_x\text{O}_4$  based cathodes", *Solid State Ion.*, Vol. 300, pp. 18-25
- Ram,P., Singhal,R., Choudhary,G., Sharma,R.K., (2017), "On the key role of  $\text{Dy}^{3+}$  in spinel  $\text{LiMn}_2\text{O}_4$  cathodes for Li-ion rechargeable Batteries", *J. Electroanal. Chem.* Vol. 802, pp. 94-99.
- Ram,P., Singhal, R., Sharma, R.K., (2017), "Preliminary study of dysprosium doped  $\text{LiMn}_2\text{O}_4$  spinel cathode materials", *Mat. Today Poc.*, Vol. 4, issue 9, pp. 9365-9370.
- Ram,P., Gören,A., Ferdov,S., Silva,M. M., Choudhary,G., Singhal,R., Costa,C.M., Sharma,R.K., Lanceros-Méndez, S., (2017), "Improved electrochemical performance of rare earth doped  $\text{LiMn}_{1.5}\text{Ni}_{0.5}\text{O}_4$  based composite cathodes for lithium-ion battery Applications", *Composites Part B*, Vol. 139, pp. 55-63.

