
LIST OF PUBLICATIONS

List of Publications

- 1) Gusain, D., Bux, F., Sharma, Y. C., Abatement of chromium by adsorption on nanocrystalline zirconia using response surface methodology, *Journal of Molecular Liquids*,197,131-141,2014.
- 2) Gusain, D., Srivastava, V., Sillanpää, M., Sharma, Y. C., Kinetics and isotherm study on adsorption of chromium on nano crystalline iron oxide/hydroxide: linear and nonlinear analysis of isotherm and kinetic parameters, *Research on Chemical Intermediates*,1-19,2016.
- 3) Gusain, D., Srivastava, V., Singh, V. K., Chandra Sharma, Y., Crystallite size and phase transition demeanor of ceramic steel, *Materials Chemistry and Physics*,2014.
- 4) Gusain, D., Singh, P. K., Sharma, Y.C., Kinetic and equilibrium modelling of adsorption of cadmium on nano crystalline zirconia using response surface methodology , *Environmental Nanaotechnology Monitoring and Management*. (accepted; [doi:10.1016/j.enmm.2016.07.002](https://doi.org/10.1016/j.enmm.2016.07.002))

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