

Zaheer Abbas Khan, Rachana Kumar, Waleed S. Mohammed, Gabor L. Hornyak and Joydeep Dutta (2011) [Optical thin film filters of colloidal gold and silica nanoparticles prepared by a layer-by-layer self-assembly method](#), Journal of Materials Science, volume 46, number 21, pages 6877-6882

Zaheer Abbas Khan, Rachana Kumar and Joydeep Dutta (2012) [Multilayer thin films of colloidal gold and silica nanoparticles: Effect of polyelectrolyte coating](#), The Canadian Journal of Chemical Engineering, volume 90, number 4, pages 919-924

Zaheer Abbas Khan, Rachana Kumar and Joydeep Dutta (2013) [Effective Medium Theory applied to colloidal solution of gold nanoparticles and alternating gold-silica multilayer thin film composites](#), Journal of Chemical Society of Pakistan, volume 35, number 2, pages 251-257

Conference proceedings:

Zaheer Abbas Khan, Rachana Kumar and Joydeep Dutta (2009) [Self assembly of citrate stabilised gold with chitosan/PDDA capped silica colloidal nanoparticles](#), Proceedings of the 3 rd Thailand Nanotechnology Conference, December 21-22, pages 68-69

Zaheer Abbas Khan, Rachana Kumar, Waleed S. Mohammed, Gabor L. Hornyak and Joydeep Dutta (2010) [Multilayer thin films of colloidal gold and silica nanoparticles-Effect of polyelectrolyte coating](#), Proceedings of the International Conference (NanoThailand 2010) November 18-20, Pathumthani, Thailand, pages 81-84

Zaheer Abbas Khan, Rachana Kumar, Waleed S. Mohammed, Gabor L. Hornyak and Joydeep Dutta (2010) [Maxwell-Garnett \(M-G\) Theory simulations of alternating gold-silica colloidal multilayer thin film composites](#), Proceedings of the International Conference (NanoThailand 2010) November 18-20, Pathumthani, Thailand, pages 108-110