

Malcolm Kadodwala

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➤ Educational Background

1994 PhD Chemistry, University of Nottingham, thesis
Surface Science Studies of Model Adsorbates. Supervisor
Prof Robert Jones.

1990 1st Class B.Sc. (Hons) Chemical Physics,
University of Nottingham

➤ Professional Career

2016-Present Professor of Nanoscience and Nanotechnology, School of Chemistry, Joseph
Black Building, University of Glasgow, Glasgow, G12 8QQ, UK

2013-2016 Reader, School of Chemistry, Joseph Black Building, University of Glasgow,
Glasgow, G12 8QQ, UK

2007-2013 Senior Lecturer, School of Chemistry, Joseph Black Building, University of
Glasgow, Glasgow, G12 8QQ, UK

1996-2007 Lecturer, School of Chemistry, Joseph Black Building, University of Glasgow,
Glasgow, G12 8QQ, UK

1994-1995 Post-doctoral Fellow, FOM Institute

➤ Research Interests

- 1) Nanophotonics for Chemical Applications
- 2) Chirality

➤ Recent Publications

- 1 Jack, C., Karimullah, A. S., Leyman, R., Tullius, R., Rotello, V. M., Cooke, G., Gadegaard, N., Barron, L. D., and Kadodwala, M. (2016) Biomacromolecular stereostructure mediates mode hybridization in chiral plasmonic nanostructures. *Nano Letters*, 16(9), pp. 5806-5814
- 2 Jack, C. et al. (2016) Spatial control of chemical processes on nanostructures through nano-localised water heating. *Nature Communications*, 7, 10946.
- 3 Karimullah, A., Jack, C., Tullius, R., Rotello, V. M., Cooke, G., Gadegaard, N., Barron, L. D., and Kadodwala, M. (2015) Disposable plasmonics: plastic templated plasmonic metamaterials with tunable chirality. *Advanced Materials*, 27(37), pp. 5610-5616.
- 4 Tullius, R., Karimullah, A. S., Rodier, M., Fitzpatrick, B., Gadegaard, N., Barron, L. D., Rotello, V. M., Cooke, G., Laphorn, A., and Kadodwala, M. (2015) "Superchiral" spectroscopy: detection of protein higher order hierarchical structure with chiral plasmonic nanostructures. *Journal of the American Chemical Society (Communication)*, 137(26), pp. 8380-8383.