

Dr Teoh's publication (last 5 years)

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2. Teoh, W.Y., Mädler, L., Beydoun, D., Pratsinis, S.E., Amal, R., Direct (one-step) synthesis of TiO₂ and Pt/TiO₂ nanoparticles for photocatalytic mineralisation of sucrose, *Chem. Eng. Sci.* 60 (2005) 5852
3. Teoh, W.Y., Amal, R., Mädler, L., Pratsinis, S.E., Flame sprayed visible light-active Fe-TiO₂ for photomineralisation of oxalic acid, *Catal. Today* 120 (2007) 203
4. Li, D., Teoh, W.Y., Selomulya, C., Woodward, R.C., Amal, R., Rosche, B., Flame-sprayed superparamagnetic bare and silica-coated maghemite nanoparticles: synthesis, characterisation and protein adsorption-desorption, *Chem. Mater.* 18 (2006) 6403
5. Teoh, W.Y., Mädler, L., Amal, R., Inter-relationship between Pt oxidation states on TiO₂ and the photocatalytic mineralisation of organic matters, *J. Catal.* 251 (2007) 271
6. Teoh, W.Y., Denny, F., Amal, R., Beydoun, D., Mädler, L., Pratsinis, S.E. "Photocatalytic mineralisation of organic compounds: A comparison of flame-made TiO₂ catalysts" *Top. Catal.* 44(4) (2007) 489
7. Li, D., Teoh, W.Y., Munroe, P., Selomulya, C., Woodward, R.C., Amal, R., Insight into microstructural and magnetic properties of flame-made γ -Fe₂O₃ nanoparticles, *J. Mater. Chem.* 17 (2007) 4876
8. Denny, F., Scott, J., Chiang, K., Teoh, W.Y., Amal, R. "Insight towards the role of platinum in the photocatalytic mineralisation of organic compounds" *J. Mol. Catal. A: Chem.* 263 (2007) 93
9. Teoh, W.Y., Setiawan, R., Mädler, L., Grunwaldt, J.-D., Amal, R., Pratsinis, S.E., Ru-doped cobalt-zirconia by flame spray pyrolysis: Physicochemical and catalytic properties, *Chem. Mater.* 20 (2008) 4069
10. Kydd, R., Teoh, W.Y., Wang, Y., Wong, K., Zheng, Q.H., Scott, J., Yu, A.B., Zou, J., Amal, R., Flame-synthesized ceria-supported copper dimers for preferential oxidation of CO, *Adv. Funct. Mater.* 19 (2009) 309 - *Frontispiece cover*
11. Gunawan, C.,[#] Teoh, W.Y.,[#] Marquis, C.P., Juniahani, Lifa, Amal, R., Reversible antimicrobial photoswitching in nanosilver, *Small* 5 (2009) 341 [#]*Joint first authors, Research highlights in Nature Nanotechnology*
12. Boyer, C., Bulmus, V., Priyanto, P., Teoh, W.Y., Amal, R., Davis, T.P., Stabilisation and bio-functionalisation of iron oxide nanoparticles using heterotelechelic polymers, *J. Mater. Chem.* 19 (2009) 111
13. *Emeline, A.V., Sheremetyeva, N.V., Khomchenko, N.V., Kuzmin, G.N., Ryabchuk, V.K., *Teoh, W.Y., Amal, R., Spectroscopic studies of pristine and fluorinated nano-ZrO₂ in photostimulated heterogeneous processes, *J. Phys. Chem. C* 113 (2009) 4566 ^{*}*Corresponding authors*
14. Li, D., Teoh, W.Y., Woodward, R.C., Cashion, J.D., Selomulya, C., Amal, R., Evolution of morphology and magnetic properties in silica/maghemite nanocomposites, *J. Phys. Chem. C* 113 (2009) 12040

15. Kydd, R., Teoh, W.Y., Scott, J., Ferri, D., Amal, R., Probing surface properties and reaction intermediates during heterogeneous catalytic oxidation of acetaldehyde, *ChemCatChem* doi: 10.1002/cctc.200900099