

Professor Graham Hutchings: Publications

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Refereed research papers

1. G.J. Hutchings, B.E.C. Banks, M. Mruzek, J.H. Ridd and C.A. Vernon. 'Mechanisms of hydrolysis of adenosine-5'-triphosphate, adenosine-5'-diphosphate, and Inorganic Pyrophosphate in Aqueous Perchloric Acid', *Biochem.*, **20** (1981) 5809-5816.
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3. G.J. Hutchings, 'An electron microscopy study of catalysts for the production of hydrogen cyanide by the ammoxidation of methane', *S. Afr. J. Chem.*, **38** (1985) 44-48.
4. G.J. Hutchings and D.T. Grady, 'Effect of drying conditions on carbon supported mercuric chloride catalysts', *Appl. Catal.*, **16** (1985) 411-415.
5. R.G. Copperthwaite, G.J. Hutchings, S.W. Orchard and P. Johnston, 'Ozone reactivation of a synthetic zeolite catalyst for methanol conversion', *J. Chem. Soc., Chem Commun.*, (1985) 644-645.
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10. G.J. Hutchings and G. Fraser-Bell, 'Purification and utilisation of iron contaminated sulphuric acid', *J. Chem. Tech. Biotech.*, **35A**, (1985) 403-406.
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15. R.G. Copperthwaite, G.J. Hutchings, P. Johnston and S.W. Orchard, 'Methanol conversion to hydrocarbons using zeolite catalysts', *J. Chem. Educ.*, **63** (1986) 634-637
16. R.G. Copperthwaite, G.J. Hutchings, P. Johnston and S.W. Orchard, 'Reactivation of zeolite catalysts using ozone and oxygen', *J. Chem. Soc., Farad. Trans. 1*, **82** (1986) 1007-1017.
17. G.J. Hutchings, R.G. Copperthwaite, 'Production of liquid fuels using zeolites', *S. Afr. J. Sci.*, **81** (1985) 537-540.
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