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Journal Refereed Research Publications 2010						
Author List	Publication Title	Year	Journal	Vol	Iss	Pg nos
Simon E. Lawrence, Marie T. McAuliffe and Humphrey A. Moynihan,	Mimics of a (8) hydrogen-bond dimer motif: synthesis and influence on the crystallisation of sulfathiazole and sulfapyridine	2010	European Journal of Organic Chemistry		6	1134-1141
Nicolas Brondel, Eamonn J.A. Moynihan, K. Niamh Lehane, Kevin S. Eccles, Curtis J. Elcoate, Simon J. Coles, Simon E. Lawrence, Anita R. Maguire	Does intermolecular S=O...H-C-S=O hydrogen bonding in sulfoxides and sulfones provide a robust supramolecular synthon in the solid state?	2010	CrystEngComm	12		2910-2927.
Dawn M. Kelly and Humphrey A. Moynihan	Synthesis and evaluation of fully (5-amidoisophthalic acid)-functionalised polyacrylamides as selective inhibitors of the beta crystal polymorph of L-glutamic acid	2010	Tetrahedron	66	29	5459-5466
Humphrey A. Moynihan and Geraldine Claudon	Direction of copper phthalocyanine crystallization using in situ generated tethered phthalocyanines	2010	CrystEngComm	12	10	2695-2696
K.S. Eccles, C.J. Elcoate, S.P. Stokes, A.R. Maguire & S.E. Lawrence,	Sulfoxides: Potent Co-Crystal Formers	2010	Crystal Growth. & Design	10		4243-4245
Yun Hu ^a , Andrea Erxleben ^a , Alan G. Ryder ^{a,b} , Patrick McArdle	Quantitative Analysis of Sulfathiazole Polymorphs in Ternary Mixtures by Attenuated Total Reflectance Infrared, Near-infrared and Raman Spectroscopy	2010	J. Pharm. Biomed. Anal.	53		412-420
Patrick McArdle, Yun Hu, Aoife Lyons and Rex Dark	Predicting and understanding crystal morphology	2010	CrystEngComm	12		3119-3125



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Svärd, M, F. Nordström, T. Jasnobulka and Å.C. Rasmuson	Thermodynamics and nucleation kinetics of m-aminobenzoic acid polymorphs	2010	Crystal Growth & Design	10	1	195-204
Forsberg, K., and Å.C. Rasmuson	Crystal growth of al fluoride hydrates from mixed hydrofluoric and nitric acid solutions, Part I: iron (III) and chromium (III),	2010	Journal of Crystal Growth	312		2351-2357
Forsberg, K., and Å.C. Rasmuson	Crystal growth of al fluoride hydrates from mixed hydrofluoric and nitric acid solutions, Part II: iron (III) and niquel (II),	2010	Journal of Crystal Growth	312		2358-2362
Svärd, M., anmkmkmd Å.C. Rasmuson	Structural and energetic aspects of the differences between real and predicted polymorphs	2010	Crystal Research & Technology	8		867-878
N.A. Mitchell, P.J. Frawley	Nucleation kinetics of paracetamol-ethanol solutions from metastable zone widths'	2010	Journal of Crystal Growth	312	19	2740-2746
Maher, A., D. Croker, Å. C. Rasmuson and B. K. Hodnett	The solubility of Form III piracetam in a range of solvents	2010	Journal of Chemical and Engineering Data	55	11	5314-5318
Frawley, P., O'Mahony, A.P., Geron, M.	Comparison of Lagrangian and Eulerian Simulations of Slurry Flows in a Sudden Expansion'	2010	J. Fluids Eng	132	9	091301-191313
Huaiyu Yang and Åke C Rasmuon	Solubility of butyl paraben in methanol, ethanol, propanol, ethyl acetate, acetone and acetonitrile	2010	Journal of Chemical and Engineering Data	55	11	5091-5093
Jyothi Thati and Åke C Rasmuson;	Solubility of benzoic acid in pure solvents and binary mixtures	2010	Journal of Chemical and Engineering Data	55	11	5124-5127
Barrett, M., McNamara, M., Hao, H., Barrett, P. & Glennon, B.	Supersaturation Tracking for the Development, Optimization and Control of	2010	Chemical Engineering Research & Design	88		1108-1119



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	Crystallization Processes					
Hao, H., Su, W., Barrett, M., Caron, V., Healy, A.M. & Glennon, B.	A Calibration-Free Application of Raman Spectroscopy to the Monitoring of Mannitol Crystallization and Its Polymorphic Transformation	2010	Organic Process Research & Development	14	5	1209-1214
W. Su, H. Hao, M. Barrett & B. Glennon	The Impact of Operating Parameters on the Polymorphic Transformation of D-Mannitol Characterized in Situ with Raman Spectroscopy, FBRM, and PVM	2010	Organic Process Research and Development	14	6	1440-1445
Moynihan, H.; Kelly, Dawn; Eccles, Kevin; Elcoate, Curtis; Lawrence, Simon E	Crystal polymorphs and transformations of 2-iodo-4-nitroaniline	2010	Crystal Growth and Design	10		4303-4309
Kevin S. Eccles, Curtis J. Elcoate, Simon E. Lawrence, and Anita R. Maguire	Convenient and robust one-pot synthesis of symmetrical and unsymmetrical benzyl thioethers from benzyl halides using thiourea	2010	Arkivoc	(ix)		216-228
Sinead E. Milner, Maude Brossat, Thomas S. Moody, Curtis J. Elcoate, Simon E. Lawrence, Anita R. Maguire	Efficient Kinetic Bioresolution of 2-Nitrocyclohexanol	2010	Tetrahedron Asymmetry	21		1011-1016
Christopher J. Flynn, Curtis J. Elcoate, Simon E. Lawrence, and Anita R. Maguire	Highly Enantioselective Intramolecular Copper Catalyzed C-H Insertion Reactions of -Diazosulfones	2010	J. Am. Chem. Soc	132		1184-1185
Paluch, K.J., Tajber, L. McCabe, T., O'Brien, J.E., Corrigan, O.I., Healy, A.M.	Preparation and solid state characterisation of chlorothiazide sodium intermolecular self-assembly suprastructure	2010	European Journal of Pharmaceutical Sciences	41		603-611
Munroe, A., Croker, D., Rasmuson, Å. C. & B. K. Hodnett	Analysis of FII crystals of sulphathiazole: Epitaxial growth of FIV on FII	2010	CrystEng Comm		13	831-834



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Other Publications (e.g. books, technical reports) Directly Supported by SFI award

Author List (as published)	Publication Title	Year	Details of Publication
Glennon, B.	Crystallisation: Still a black art?	2010	The Chemical Engineer, June 2010



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