



SSPC

Journal Refereed Research Publications 2012

Author List	Publication Title	Year	Journal	Vol	Iss.	Pg. no.
Munroe, A.C., Rasmuson, A., Hodnett, B.K., Croker, D. M.	Relative Stabilities of the Five Polymorphs of Sulfathiazole	2012	Crystal Growth & Design	12	6	282 5- 283 5
Croker, D.M.; Hennigan, M.C.; Maher, A.; Hu, Y., Ryder, A.G., Hodnett, B.K.	A comparative study of the use of powder S-ray diffraction, Raman and near infrared spectroscopy for quantification of binary polymorphic mixtures of piracetam	2012	Journal of Pharmaceutical and Biomedical Analysis	63		80- 86
O'Mahony, M.A., Maher, A., Croker, D.M., Rasmuson, A.C., Hodnett, B.K.	Examining Solution and Solid State Composition for the Solution-Mediated Polymorphic Transformation of Carbamazepine and Piracetam	2012	Crystal Growth & Design	12	4	192 5- 193 2
Croker, D.M., Foreman, M.E., Hogan, B.N., Maguire, N.M., Elcoate, C.J., Hodnett, B.K., Maguire, A.R., Rasmuson, A.C., Lawrence, S.E.	Understanding the p-Toluenesulfonamide/Triphenylphosphine Oxide Crystal Chemistry: A New 1:1 Cocrystal and Ternary Phase Diagram	2012	Crystal Growth & Design	12	2	869 - 875
Yang, H., Rasmuson, A.C.	Investigation of Batch Cooling Crystallization in a Liquid-Liquid Separating System by PAT	2012	Organic Process Research & Development	16	6	121 2- 122 4
Yang, H., Thati, J., Rasmuson, A.C.	Thermodynamics of molecular solids in organic solvents	2012	Journal of Chemical Thermodynamics	48		150 - 159
Thati, J., Rasmuson, A.C.	Particle engineering of benzoic acid by spherical agglomeration	2012	European Journal of Pharmaceutical Sciences	45	5	657 - 667
Nordberg, A., Edstrom, M., Uusi-Penttila, M., Rasmuson, A.C.	Selective desorption of carbon dioxide from sewage sludge for in-situ methane enrichment: Enrichment experiments in pilot scale	2012	Biomass & Bioenergy	37		196 - 204
Zhang, S., Rasmuson, A.C.	The theophylline-oxalic acid co-crystal system: solid	2012	CrystEngComm	14	14	464 4-



SSPC

	phases, thermodynamics and crystallisation					465 5
Frawley, P.J., Mitchell, N.A., O'Ciardha, C.T., Hutton, K.W.	The effects of supersaturation, temperature, agitation and seed surface area on the secondary nucleation of paracetamol in ethanol solution		Chemical Engineering Science	75		183 - 197
Hutton, K.W., Mitchell, N.A., Frawley, P.J.	Particle size distribution reconstruction: The moment surface method	2012	Powder Technology	22 2		8- 14
Eccles, K.S., Morrison, R.E., Stokes, S.P., O'Mahony, G.E., Hayes, J.A., Kelly, D.M., O'Boyle, N.M., Fabian, L., Moynihan, H.A., Maguire, A.R., Lawrence, S.E.	Utilizing Sulfoxide...Iodine Halogen Bonding for CoCrystallization	2012	Crystal Growth & Design	12	6	296 9- 297 7
Grossjohann, C., Eccles, K.S., Maguire, A.R., Lawrence, S.E., Tajber, L. Corrigan, O.I., Healy, A.M.	Characterisation, solubility and intrinsic dissolution behaviour of benzamide: dibenzyl sulfoxide cocrystal	2012	International Journal of Pharmaceutics	42 2	1- 2	24- 32
Hayes, J.A., Eccles, K.S., Lawrence, S.E., Moynihan, H.A.	Preparation and characterization of solid state forms of paracetamol-O-glucuronide	2012	Carbohydrate Research	34 9		108 - 112
O'Ciardha, C.T., Mitchell, N.A., Hutton, K.W., Frawley, P.J.	Determination of the Crystal Growth Rate of Paracetamol As a Function of Solvent Composition	2012	Industrial & Engineering Chemistry Research	51	12	473 1- 474 0
Davey, R.J., Sadiq, G., Back, K., Wilkinson, L., Seaton, C.C.	The isolation of a metastable conglomerate using a combined computational and controlled crystallization approach	2012	Chemical Communications	48	14	197 6- 197 8
Bianco, S., Caron, V., Tajber, L., Corrigan, O.I., Nolan, L.M., Hu, Y. & A.M. Healy	Modification of the solid state nature of sulfathiazole and sulfathiazole sodium by spray drying.	2012	AAPS PharmSciTech	13	2	647 - 660