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Journal Refereed Research Publications 2011

Author List	Publication Title	Year	Journal	Vol	Iss	Pg no
A. Munroe, D. Croker, Å. C. Rasmuson, and B. K. Hodnett	Analysis of FII crystals of sulfathiazole: epitaxial growth of FII on FIV'	2011	CrystEngComm	13		831-834
A. Munroe, D. Croker, B. K. Hodnett, and C. C. Seaton,	Epitaxial growth of polymorphic systems: The case of sulfathiazole	2011	CrystEngComm	13		5903-5907
M. Barrett, H. Hao, A. Maher, B. K. Hodnett, B. Glennon, and D. Croker	In Situ Monitoring of Supersaturation and Polymorphic Form of Piracetam during Batch CoolingCrystallization	2011	Org. Process Res. Dev.	15	3	681-687
N. A. Mitchell, C. T. Ó'Ciardhá and P. J. Frawley	Estimation of the growth kinetics for the cooling crystallisation of paracetamol and ethanol solutions	2011	J. Cryst. Growth	328	1	39-49
C. T. Ó'Ciardhá, P. J. Frawley and N. A. Mitchell	'Estimation of the nucleation kinetics for the anti-solvent crystallisation of paracetamol in methanol/water solutions'	2011	J. Cryst. Growth	328	1	50-57
N. A. Mitchell, P. J. Frawley and C. T. Ó'Ciardhá	Nucleation kinetics of paracetamolethanol solutions from induction time experiments using Lasentec FBRM®	2011	J. Cryst. Growth	321	1	91-99
J. Scully and P. Frawley	Computational fluid dynamics analysis of the suspension of nonspherical particles in a stirred tank	2011	Ind. End. Chem. Res.	50	4	2331-2342
J. Thati, and Å. C. Rasmuson	On the mechanisms of formation of spherical agglomerates	2011	Eur. J. Pharm. Sci.	42	4	365-379
M. Barrett,, D. O'Grady, E. Casey & B. Glennon	The Role of Meso-mixing in Anti-solvent Crystallization Processes	2011	Chemical Engineering Science	66		2523-2534
Eccles, K. S.; Deasy, R. E.; Fabian, L.;	Expanding the crystal landscape of	2011	CrystEngComm	13	23	6923-6925



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Braun, D. E.; Maguire, A. R.; Lawrence, S. E.	isonicotinamide: concomitant polymorphism and co-crystallisation					
Eccles, K. S.; Elcoate, C. J.; Maguire, A. R.; Lawrence, S. E.	Unzipping the Dimer in Primary Amides by Cocrystallization with Sulfoxides	2011	Crystal Growth & Design	11	10	4433-4439
Eccles, K. S.; Deasy, R. E.; Fabian, L.; Maguire, A. R.; Lawrence, S. E.	The Use of Co-crystals for the Determination of Absolute Stereochemistry: An Alternative to Salt Formation	2011	Journal of Organic Chemistry	76	4	1159-1162
Eccles, K. S.; Stokes, S. P.; Daly, C. A.; Barry, N. M.; McSweeney, S. P.; O'Neill, D. J.; Kelly, D. M.; Jennings, W. B.; Ni Dhubhghaill, O. M.; Moynihan, H. A.; Maguire, A. R.; Lawrence, S. E.	Evaluation of the Bruker SMART X2S: crystallography for the nonspecialist	2011	Journal of Applied Crystallography	44	1	213-215
Fabian, L.; Hamill, N.; Eccles, K. S.; Moynihan, H. A.; Maguire, A. R.; McCausland, L.; Lawrence, S. E.	Cocrystals of Fenamic Acids with Nicotinamide	2011	Cryst. Growth Des.,	11	8	3522-3528
O' Sullivan, C., O' Hare, P., Byrne, G., O'Neill, L, Ryan, K.B., Crean, A. M.	'A Modified Surface on Titanium Deposited by a Novel Blasting Process'. Coatings	2011	Coatings	1		Epublish ed Open Access
Ring, DT, Oliveira, JCO, Crean, A	'Evaluation of the influence of granulation processing parameters on the granule properties and dissolution characteristics of a modified release drug'	2011	Advanced Powder Technology	22		245-252
Rakesh Dontireddy, Abina M Crean	'A comparative study of spray-dried and freeze-dried hydrocortisone/polyvinyl pyrrolidone solid dispersions'	2011	Drug Development and Industrial Pharmacy	37	10	1141-1149
Charlene McHugh, Andrea Erxleben	Supramolecular Structures and Tautomerism of Carboxylate Salts of Adenine and	2011	Cryst. Growth & Des	11		5096 - 5104



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	Pharmaceutically Relevant N6-substituted Adenine					
Jolanta Karpinska, Andrea Erxleben and Patrick McArdle	17-hydroxy-17-methylandrostan[3,2-c]pyrazole, Stanozolol: The crystal structures of polymorphs 1 and 2 and ten solvates	2011	Cryst. Growth & Des	11		2829-2838
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	5	603-611
Nolan, L.M., Li, J., Tajber, L., Corrigan, O.I. and Healy, A.M.	Particle engineering of materials for oral inhalation by dry powder inhalers. II-Sodium cromoglicate	2011	International Journal of Pharmaceutics	405	1-2	36-46
Ní Ógáin, O, Li, J., Tajber, L., Corrigan, O.I. and Healy, A.M.	Particle engineering of materials for oral inhalation by dry powder inhalers. I-Particles of sugar excipients (trehalose and raffinose) for protein delivery.	2011	International Journal of Pharmaceutics	405	1-2	23-35
Caron, V., Tajber, L., Corrigan O.I., Healy, A.M.	A comparison of spray drying and milling in the production of amorphous dispersions of sulfathiazole /polyvinylpyrrolidone and sulfadimidine/ polyvinylpyrrolidone	2011	Molecular Pharmaceutics	8	2	532-542
Paluch, K.J., Tajber, L., McCabe, T., O'Brien, J.E., Corrigan, O.I., Healy, A.M	Preparation and characterisation of novel chlorothiazide potassium solid-state salt forms: intermolecular self assembly suprastructures	2011	European Journal of Pharmaceutical Sciences	42	3	220-229
Paluch, K.J., Tajber, L., Elcoate, C.J., Corrigan, O.I., Lawrence, S.E., Healy A.M.	Solid state characterisation of novel active pharmaceutical ingredients: co-crystal of a salbutamol hemiadipate salt with adipic acid (2:1:1) and salbutamol hemisuccinate salt	2011	Journal of Pharmaceutical Sciences	100	8	3268-3283
Parojcic, J., Stojkovic,	Biopharmaceutical	2011	Journal of	100	12	5174-



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A., Tajber, L., Grbic, S., Paluch, K.J., Djuric Z., Corrigan, O.I.	characterization of ciprofloxacin HCl-ferrous sulfate interaction		Pharmaceutical Sciences			5184
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Other Publications 2011 (e.g. books, technical reports)

Author List	Publication Title	Year	Details of Publication
Crean AM, Healy, AM	Changing concepts for 21st Century Drug Product Manufacturing	2011	UK Ireland Newsletter
Ahern R., Crean, AM., Ryan, K.	Dissolution Enhancement, Fenofibrate-Silica Systems	2011	UK Ireland Newsletter