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Journal Refereed Research Publications 2009

Author List	Publication Title	Year	Journal	Vol.	Iss.	Pg nos
Croker, D., Loan, M., Hhodnett, B.K.	Kinetics & mechanisms of the hydrothermal crystallization of calcium titanate species	2009	Crystal Growth & Design	9	5	2207- 2213
Svard, M., Nordstrom, F.L., Jasnobulka, T., Rasmuson, A.C.	Thermodynamics and nucleation kinetics of m- Aminobenzoic Acid polymorphs.	2009	Crystal Growth & Design	10	1	195- 204
Fock, H.; Wiklund, J.; Rasmuson, A.C.	Ultrasound velocity profile (UVP) measurements of pulp suspension flow near the wall	2009	Journal of Pulp and Paper Science	35	1	26-33
Bruells, M., Rasmuson, A.C.	Ice sublimation in vial lyophilization	2009	Drying Technology	27	5	695-706
Staahl, M., Rasmuson, A.C.	Towards predictive simulation of single feed semibatch reaction crystallization	2009	Chemical Engineering Science	64	7	1559- 1576
Svard, M., Rasmuson, A.C.	Force fields and point charges for crystal structure modeling	2009	Engineering Chemistry Research	48	6	2899- 2912
Nordstrom, F. L., Rasmuson, A.C.	Prediction of solubility curves and melting properties of organic and pharmaceutical compounds	2009	European Journal of Pharmaceutic al Sciences	36	2-3	330-334
Kirwan, L., Deeney, F., Croker, D., Hodnett, B.K.	Characterisation of Various Jamaican Bauxite Ores by Quantitative Rietveld X-ray Powder Diffraction and Fe-57 Mossbauer Spectroscopy	2009	International Journal of Mineral Processing	91	1-2	14-18
Murray, J., Kirwan, L., Loan, M., Hodnett, B.K.	In-situ Synchrotron Diffraction Study of the Hydrothermal Transformation of Goethite to Hematite in Sodium Aluminate Solutions	2009	Hydrometallu rgy	95	3-4	239-246
Davis, C., Frawley, P.	Modelling of Erosion- corrosion in Practical Geometries	2009	Corrosion Science	21	4	769-715



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Refereed Conference Publications 2009				
Author List (as published)	Publication Title	Year	Conference	Proceedings
V. Caron, S. Bianco, L. Tajber, O.I. Corrigan and A.M. Healy	Influence of processing on solid state forms of sulphonamide compounds and their mixtures with PVP	2009	23rd Annual Meeting of the American Association of Pharmaceutical Scientists, Los Angeles, CA, 08-12/11/2009	AAPS J 11 (S2), M1304 (2009)
S. Bianco, V. Caron, L. Tajber, O.I. Corrigan and A.M. Healy	Physicochemical characterisation of spray dried sulphonamide compounds and their sodium salts	2009	23rd Annual Meeting of the American Association of Pharmaceutical Scientists, Los Angeles, CA, 08-12/11/2009	AAPS J 11 (S2), M1302 (2009)
E. O'Shea, V. Caron, L. Tajber, O.I. Corrigan and A.M. Healy	The effect of mechanical activation on the solid-state nature of commercially available sulfathiazole	2009	23rd Annual Meeting of the American Association of Pharmaceutical Scientists, Los Angeles, CA, 08-12/11/2009	AAPS J 11 (S2), W4378 (2009)
K. Paluch, L. Tajber, O.I. Corrigan and A.M. Healy	An investigation of the effect of spray drying from different solvents on the physicochemical properties of chlorothiazide and chlorothiazide sodium	2009	23rd Annual Meeting of the American Association of Pharmaceutical Scientists, Los Angeles, CA, 08-12/11/2009	AAPS J 11 (S2), M1333 (2009)



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Other Publications 2009 (e.g. books, technical reports)			
Author List (as published)	Publication Title	Year	Details of Publication
Humphrey Moynihan and Abina Crean	The Physicochemical Basis of Pharmaceuticals	2009	Textbook; Oxford University Press
Rasmuson, A.C.	Introduction to crystallization of the fine chemicals and pharmaceuticals in: J. Sedzik and P.Riccio (eds), Molecules: Nucleation, Aggregation and Crystallization. Beyond Medical and Other Implications	2009	Book Chapter
Maguire, A.R.	The Role of PhDs in the Smart Economy	2009	http://www.sciencecouncil.ie/publications/2009/title.5165.en.php