List of Publications

"Growth inhibition of protein crystals: a study of lysozyme polymorphs"
M.C.R. Heijna, W.J.P. van Enckevort, and E. Vlieg
Crystal Growth & Design, 2008, **8** (1), 270-274.

"Crystal growth in a three-phase system: diffusion and liquid-liquid phase separation in lysozyme crystal growth"
M.C.R. Heijna, W.J.P. van Enckevort, and E. Vlieg
Physical Review E, 2007, **76** (1), 011604.

"PEG-induced morphologically unstable growth of tetragonal hen egg-white lysozyme crystals"
M.C.R. Heijna, F.F.M. van Wamel, W.J.P. van Enckevort, and E. Vlieg
Crystal Growth & Design, 2007, **7** (10), 1999-2008.

"A comparison between simulations and experiments for microgravity crystal growth in gradient magnetic fields"
P.W.G. Poodt, M.C.R. Heijna, P.C.M. Christianen, W.J.P. van Enckevort, J.C. Maan, and E. Vlieg
Submitted to Crystal Growth & Design, 2007.

"Magnetically controlled gravity for protein crystal growth"
M.C.R. Heijna, P.W.G. Poodt, J.L.A. Hendrix,
K. Tsukamoto, P.C.M. Christianen, W.J.P. van Enckevort, W.J. de Grip, J.C. Maan, and E. Vlieg
Applied Physics Letters, 2007, **90** (26), 264105.

"Spherulitic growth of hen egg-white lysozyme crystals"
M.C.R. Heijna, N.J. Theelen, W.J.P. van Enckevort, and E. Vlieg
Journal of Physical Chemistry B, 2007, **111** (7), 1567–1573.

"Using gradient magnetic fields to suppress convection during crystal growth"
P.W.G. Poodt, M.C.R. Heijna, K. Tsukamoto, W.J. de Grip,
P.C.M. Christianen, J.C. Maan, W.J.P. van Enckevort, and E. Vlieg.
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"An atomic force microscopy study of the (001) surface of triclinic hen egg-white lysozyme crystals"
M.C.R. Heijna, P.B.P. van den Dungen, W.J.P. van Enckevort, and E. Vlieg.
Crystal Growth & Design, 2006, **6** (5), 1206–1213.

"Suppression of convection using gradient magnetic fields during crystal growth of $NiSO_4 \cdot 6H_2O$*"*
P.W.G. Poodt, M.C.R. Heijna, K. Tsukamoto, W.J. de Grip,
P.C.M. Christianen, J.C. Maan, W.J.P. van Enckevort, and E. Vlieg.
Applied Physics Letters 2005, **87** (21), 214105.

"Structure of the $\{1\ 1\ 1\}$ *NaCl crystal surface grown from solution in the presence of* $CdCl_2$*."*
N. Radenović, W.J.P. van Encekevort, D. Kaminski, M.C.R. Heijna, and E.Vlieg
Surface Science, 2005, **599** (1-3), 196–206.