

**University of New South Wales  
School of Physics  
Publications 2007**

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Bekki, K., and Chiba, M.	The magellanic squall: Gas replenishment from the Small to the Large Magellanic Cloud	MNRAS	L16	L20	381 (1)		
Bekki, K., and Chiba, M.	Massive stars and globular cluster formation	Astrophys J	1164	1172	665 (2)		
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Cassidy, M.C., Dzurak, A.S., Clark, R.G., Petersson, K.D., Farrer, I., Ritchie, D.A., and Smith, C.G.	Single shot charge detection using a radio-frequency quantum point contact	App Phys Lett	222104		91		

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Christiansen, J.L., Derekas, A., Ashley, M.C.B., Webb, J.K., Hidas, M.G., Hamacher, D.W., Kiss, L.L.	The first high-amplitude Delta Scuti star in an eclipsing binary system	MNRAS	239	244	382		
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Stening, R., and Reztsova, T.	The daily variations of the vertical (Z) element of the geomagnetic field around the coast of mainland Australia	Earth, Planets & Space	579	584	59 (6)		
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Sudiarta, I., and Geldart, D.	Solving the Schrodinger equation using the finite difference time domain method	J of Phys A - Math and Theor	1885	1896	40 (8)		
Taha, G., Cohen, D.D., Stelcer, E., Box, G.P.	Black carbon measurement using Laser Integrating Plate Method	Aerosol Science & Technology	266	276	41		
Taniguchi, T., and Morris, G.	Lyapunov modes for a nonequilibrium system with a heat flux	Comptes Rendus Phys	625	632	8 (5-6)		
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Taylor, R.P., Guzman, R., Martin, T.P., Hall, G.D.R., Micolich, A.P., Jonas, D., Scannell, B.C., Fairbanks, M.S., and Marlow, C.A.	Authenticating Pollock paintings with fractal geometry	Patt Recog Lett	695		28		
Turner, J.P.R., Winch, D.E., Ivers, D.J., and Stening, R.J.	Regular daily variations in satellite magnetic total intensity data	Ann Geophys	2167	2174	25		
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Van der Weij-De Wit, C.D., Doust, A.B., Van Stokkum, I.H.M., Dekker, J.P., Wilk, K.E., Curmi, P.M.G., and Van Grondelle, R.	Phycocyanin sensitizes both Photosystem I and photosystem II in <i>Cryptophyte Chroomonas</i> CCMP270	Biophysical Journal			113993		
Walsh, A., Chapman, J., Burton, M., and Wardle, M.	Australia Telescope Compact Array 1.2-cm observations of the massive star-forming region G305.2+0.2	MNRAS	1703	1714	380 (4)		
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