

Appendix 1

Publications

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Amir, S., Ghoranneviss, M., Heinrich, H., Friederick, O., Höpfl, R., Hatadeh, M., and Bolouki, N.	Fabrication of a 50 keV cold cathodes electron gun	J Plasma Fusion Res	2521	2524	6		
Angel, R., Lawrence, J.L., and Storey, J.W.V.	Concept for a second Giant Magellan Telescope in Antarctica	Proc SPIE	76	84	5382		
Angstmann, E.J., Dzuba, V.A., and Flambaum, V.V.	Relativistic effects in two valence electron atoms and ions and the search for variation of the fine structure constant	Phys Rev A	014102-1	04102-4	70		
Angstmann, E.J., Flambaum, V.V., and Karshenboim, S.G.	Cosmological variation of the fine structure constant versus a new interaction	Phys Rev A	44104		70		
Ashley, M.C.B., Burton, M.G., Lawrence, J.S., and Storey, J.W.V.	Robotic telescopes on the Antarctic plateau	Astronomische Nachrichten	619	625	325		
Badziak, J., Glowacz, S., Jablonski, S., Paris, P., Wolowski, J., Kraska, J., Laska, J., Rohlena, R., and Hora, H.	Production of ultrahigh ion current densities at Akin-layer subrelativistic laser-plasma interaction	Plasma Physics and Controlled Fusion	B541	B555	46		
Badziak, J., Glowacz, S., Jablonski, S., Parys, P., Wolowski, J., and Hora, H.	Production of ultrahigh ion beams by short-pulse skin-layer laser-plasma interaction	Appl Phys Letters	3041	3043	85		
Badziak, J., Jablonski, S., Paris, P., Skladanowski, Z., Wolowski, J., Hora, H., Laska, L., and Rohlena, K.	Production of intense fast ion fluxes by skin-layer picosecond laser-plasma interaction	ANS Conf Proc	441	444			Wuest, C., and Hogan, B.
Bains, I., Redman, M.P., Bryce, M., and Meaburn, J.	The radio structure of Menzel 3	MNRAS	459	557	354		
Balogh, M., Eke, V., Miller, C., Lewis, I., Bower, R., Couch, W.J., + 2dFGRS team	Galaxy ecology: groups and low-density environments in the SDSS and 2dFGRS	MNRAS	1355	1372	348		
Barford, W., Bursill, R., and Yaron, D.	Dynamical model of the dielectric screening of conjugated polymers	Phys Rev B	152203		69		
Bartos, I. and Read, M.N.	Surface electron resonances in VLEED	Surf Rev Lett	447	450	11		
Baugh, C.M., Croton, D.J., Gaztañaga, E., Norberg, P., Colless, M., Baldry, I.K., Bland-Hawthorn, J., Bridges, T., Cannon, R., Cole, S., Collins, C., Couch, W., Dalton, G., de Propris, R., Driver, S.P., Efsthaliou, G., Ellis, R.S., Frenk, C.S., Glazebrook, K., Jackson, C., Lahav, O., Lewis, I., Lumsden, S., Maddox, S., Magwick, D., Peacock, J.A., Peterson, B.A., Sutherland, W., and Taylor, K.	The 2dF Galaxy Redshift Survey: hierarchical galaxy clustering	MNRAS	L44	L48	351		
Bavu, E., Yew, M., Plaçais, P.-Y., Smith, J., and Wolfe, J.	Rotational and translational waves in a bowed string	Proc Intl Symposium on Musical Acoustics, Nara, Japan					
Bekki, K., Couch, W.J., Drinkwater, M.J., and Shioya, Y.	Galaxy thrashing and the origin of intraculster stellar objects	Proc Intl Astron Union Symp	77		217		Duc, P.-A., Braine, J., and Brinks, E.
Bekki, K., Couch, W. J., Drinkwater, M., and Shioya, Y.	Cluster cannibalism and scaling relations of galactic stellar nuclei	ApJ	L13	L16	610		
Bekki, K., Couch, W.J., Beasley, M.A., Forbes, D.A., Chiba, M., and Da Costa, G.	Explaining the mysterious age gap of globular clusters in the Large Magellanic Cloud	ApJ	L93	L96	610		
Bekki, K., Koribalski, B. S., Ryder, S. D., and Couch, W. J.	Massive HI clouds with no optical counterpart	MNRAS	357		L21		
Bekki, K., Couch, W.J., Ryan-Weber, E.V. and Webster, R.L.	Recycling of ghost galaxies: the origin of giant HI ring around HGC 1533	Proc Intl Astron Union Symp	418		217		Duc, P.-A., Braine, J., and Brinks, E.
Bekki, K., Beasley, M.A., Forbes, D.A., and Couch, W.J.	Formation of star clusters in the Large Magellanic Cloud and Small Magellanic Cloud. I. Preliminary results on cluster formation from colliding gas clouds	Astrophysical J	730	737	602		

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Berengut, J.C., Dzuba, V.V., Flambaum, V.C., and Kozlov, M.G.	Configuration interaction calculation for the isotope shift in Mg I	Phys Rev A	44102		69		
Berengut, J.C., Dzuba, V.V., Flambaum, V.C., and Marchenko, M.V.	The α -dependence of transition frequencies for some ions of Ti, Mn, Na, C, and O and the search for variation of the fine-structure constant.	Phys Rev A	64101		70		
Blake, C., Pracy, M., Couch, W., Bekki, K., Lewis, I., Glazebrook, K., + 2dFGRS team	The 2dF Galaxy Redshift Survey: the local E+A galaxy population	MNRAS	713	727	355		
Böcking, T., James, M., Coster, H.G.L., Chilcott, T.C. and Barrow, K.D.	Structural characterization of organized multilayers on silicon (111) formed by immobilization of molecular films on functionalized Si-C linked monolayers	Langmuir	9227	9235	20		
Buda, M., Fu, L., Hay, J., Deenapanray, P. N. K., Tan, H. H., Jagadish, C., Reece, P. and Gal, M.	Impurity free intermixing for optoelectronic device integration	Proc Electrochemical Soc, 2002-4 (Integrated Optoelectronics)	89	105			
Buehler, T.M., Reilly, D.J., Starrett, R.P., Hamilton, A.R., Dzurak, A. S., and Clark, R.G.	Observing sub-microsecond telegraph noise with the radio-frequency single electron transistor	J of Appl Physics	6827		96		
Buehler, T.M., Reilly, D.J., Starrett, R.P., Court, N.A., Hamilton, A.R., Dzurak, A.S., and Clark, R.G.	Development and operation of the twin radio frequency single electron transistor for solid state qubit readout	J Appl Phys	4508		96		
Bühler, A., Uhrig, G.S. and Oitmaa, J.	Thermodynamics of a spin-1/2 chain coupled to Einstein phonons	Phys Rev B	214429		70		
Burgett, W.S., Vick, M.M., Davis, D.S., Colless, M., de Propriis, R., Baldry, I., Baugh, C., Bland-Hawthorn, J., Cross, T., Dalton, G., Driver, S., Efstathiou, G., Ellis, R., Frenk, C.S., Glazebrook, K., Hawkins, E., Jackson, C., Lahav, O., Lewis, I., Lumsden, S., Maddox, S., Maggwick, D., Norberg, P., Peacock, J.A., Percival, W., Peterson, B., Sutherland, W., and Taylor, K.	Substructure analysis of selected low-richness 2dFGRS clusters of galaxies	MNRAS	605	654	352		
Burton, M.G.	The galactic ecosystem	Proc IAU Symp	123	127			Norris, R.P., and Stootman, F.H.
Burton, M.G., Jayawardhana, R., and Bourke, T.	Star formation at high angular resolution (book chapter)	Proc IAU Symp					Burton, M.G., Jayawardhana, R., and Bourke, T.
Burton, M.G., Lazendic, J.S., Yusef-Zadeh, F., and Wardle, M.	The eye of the tornado-an isolated, high mass young stellar object near the galactic centre	MNRAS	638	646	348		
Byrnes, T.M.R., Loan, M., Hamer, C.J., Bonnet, F.D.R., Leinweber, D.B., Williams, A.G. and Zanotti, J.M.	Hamiltonian limit of (3+1)-dimensional SU(3) lattice gauge theory on anisotropic lattices	Phys Rev	074509-1	074509-9	D69		
Cadogan, J.M. and Ryan, D.H.	An overview of ^{169}Er , ^{169}Tm and ^{170}Yb Mössbauer Spectroscopy	Hyp Int	25	41	153		
Cadogan, J.M., Ryan, D.H., Altounian, Z., Liu, X., and Swainson, I.P.	The magnetic structure of Er_5Si_4	J Appl Phys	6819	6821	95		
Calisse, P., Ashley, M.C.B., Burton, M.G., Phillips, M.A., Storey, J.W.V., Radford, S.J.E., and Peterson, J.B.	Submillimeter site testing at Dome C, Antarctica	PASA	256	263	21		
Calisse, P.G., Ashley, M.C.B., Burton, M.G., Lawrence, J.S., Travouillon, T., Peterson, J.B., Phillips, Radford, S.J.E., and Storey, J.W.V.	Dome C, Antarctica: the best accessible sub-millimetre site on the planet?	The Dense Interstellar Medium in Galaxies	353	356			Pfalzner, S., Kramer, C., Staubmeier, C., and Heithausen, A.

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Calisse, P.G., Ashley, M.C.B., Burton, M.G., Phillips, MA., Storey, J.W.V., Radford, S.J.E., and Peterson, J.B.	Submillimeter site testing at Dome C, Antarctica	ASA	256	263	21		
Candini, A., Moze, O., Kockelmann, W., Cadogan, J.M., Brick, E., and Songlin, S.	The magnetic and crystal structures of Fe ₃ Mn ₅ Si ₃	J Appl Phys	6819	6821	95		
Cang, Y., Osman, F., Hora, H., and Zhang, J.	Genuine two-fluid computations of PW-ps laser interaction with plasma for the block ignitor	ANS Conf Proc	426	429			Wuest, C., and Hogan, B.
Carmody, C., Tan, H.H., Jagadish, C., Douheret, O., Maknys, K., Anand, S., Zou, J., Dao, K., and Gal, M.	Structural, electrical, and optical analysis of ion implanted semi-insulating InP	J Appl Phys	477	483	95		
Chen, T.M., Liang, C.T., Simmons, M.Y., Kim, G.H., and Ritchie, D.A.	Transport and quantum lifetime dependence on electron density in gated GaAs/AlGaAs heterostructures	Physica E	312	E22			
Chen, T.M., Liang, C.T., Simmons, M.Y., Ritchie, D.A. and Pepper, M.	Evolution of the second lowest extended state as a function of the effective magnetic field in the fractional quantum hall regime	Chinese J Of Phys	307	42			
Cho, E.C., Green, M.A., Xia, J., Reese, P., and Gal, M.	Clear quantum-confined luminescence from crystalline silicon/SiO ₂ single quantum wells	Appl Phys Lett	2286	2288	84		
Clark, R.G., O'Brien, J.L., Dzurak, A.S., Kane, B.E., Lumpkin, N.E., Reilly, D.J., Starrett, R.P., Rokel, D.G., Goette, J.D., Campbell, L.J., Fowler, C.M., Mielke, C., Harrison, N., Zerwekh, W.D., Clark, D., Bartram, B.D., King, J.C., Parkin, D., Nakagawa, H. and Milura, N.	The Dirac experiments -- results and challenges	Proc Megagauss Magnetic Field Generation, its Application to Science & Ultra High Pulsed-Power Technology	12	21			
Clarke, W.R., Micolich, A.P., Hamilton, A.R., Simmons, M.Y., Pepper, M., and Ritchie, D.A.	Stability of the bilayer quantum Hall state under charge imbalance	Physica E	40	E22			
Couch, W.J., Colless, M.M. and de Propris, R.	Clustering studies with the 2dF Galaxy Redshift Survey	Proc Carnegie Obs Centennial Symposia					Proc Carnegie Obs Centennial Symposia
Crighton, N.H.M, Webb, J.K., Ortiz-Gil, A., and Fernández-Soto, A.	Deuterium/hydrogen in a new Lyman limit absorption system at z= 3.256 towards PKS1937-1009	MNRAS	1042	355			
Crom, S., Boyle, B., Shanks, T., Outram, P., Smith, R., Miller, L., Loaring, N., Kenyon, S., and Couch, W.	AGN physics from QSO clustering	AGN Physics w/the Sloan Digital Sky Survey	457	311			
Croton, D.J., Gaztañaga, E., Baugh, C.M., Norberg, P., Colless, M., Baldry, I.K., Bland-Hawthorn, J., Bridges, T., Cannon, R., Cole, S., Collins, C., Couch, W., Dalton, G., de Propris, R., Driver, S.P., Efsthathiou, G., Ellis, R.S., Frenk, C.S., Glazebrook, K., Jackson, C., Lahav, O., Lewis, I., Lumsden, S., Maddox, S., Magwick, D., Peacock, J.A., Peterson, B.A., Sutherland, W., and Taylor, K. (The 2dFGRS Team)	The 2dF Galaxy Redshift Survey: higher-order galaxy correlation functions	MNRAS	1232	1244	352		
Croton, D.J., Colless, M., Gaztañaga, E., Baugh, C.M., Norberg, P., Baldry, I.K., Bland-Hawthorn, J., Bridges, T., Cannon, R., Cole, S., Collins, C., Couch, W., Dalton, G., de Propris, R., Driver, S.P., Efsthathiou, G., Ellis, R.S., Frenk, C.S., Glazebrook, K., Jackson, C., Lahav, O., Lewis, I., Lumsden, S., Maddox, S., Magwick, D., Peacock, J.A., Peterson, B.A., Sutherland, W., and Taylor, K. (The 2dFGRS Team)	The 2dF Galaxy Redshift Survey: voids and hierarchical scaling models	MNRAS	828	836	352		
Curran, S.J., Webb, J.K., Murphy, M.T., and Carswell, R.F.	Molecular fraction limits in damped Lyman alpha absorption systems	MNRAS	563	570	352		

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Curran, S.J., Kanekar, N. and Darling, J.K.	Measuring changes in the fundamental constants with redshifted radio absorption lines	New Astro Rev	1095	1105	48		
Curran, S.J., Webb, J.K, Murphy, M.T., and Pihlström, Y.M.	Atomic and molecular absorption at High Redshift	ASP Conf Series	342	345	320		
Curran, S.J., Webb, J.K., Murphy, M.T., and Carswell, R.F.	Cosmological evolution of heavy element and molecular hydrogen	MNRAS	24	28	351		
Curran, S.J., Webb, J.K., Murphy, M.T., and Carswell, R.F.	Molecular fraction limits in damped Lyman alpha absorption systems	MNRAS	563		352		
Curson, N.J, Schofield, S.R., Oberbeck, L., Simmons, M.Y. and Clark, R.G.	STM characterisation of the Si-P heterodimer	Phys Rev B	195303		B69		
Curson, N.J.	Surface probe is given a new twist	Physics World	22		17		
De Propris, R., Colless, M., Peacock, J.A., Couch, W.J., Driver, S.P. + 2dFGRS team	The 2dF Galaxy Redshift Survey: the blue galaxy fraction and implications for the Butcher-Oemler effect	MNRAS	125	132	351		
Dempsey, J.T., Storey, J.W.V., Ashley, M.C.B., Burton, M.G., Calisse, P.G., and Jarmyk, M.	AFOS: probing the UV-visible potential of the Antarctic plateau	Proc SPIE	811	821	5492		
Derekas, A., Kiss, L.L., Udalski, A., Bedding, T.R., and Szatmary, K.	A first-overtone RR Lyrae star with cyclic period changes	Monthly Notices of RAS	821		354		
Dmitriev, V.F., Flambaum, V.V., and Webb, J.K.	Cosmological variation of deuteron binding energy, strong interaction and quark masses from big bang nucleosynthesis	Phys Rev D	3506		24		
Doust, A.B., Marai, C.N.J., Harrop, S.J., Wilk, K.E., Curmi, P.M.G., and Scholes, G.D.	Developing a structure-function model from the Cryptophyte <i>Phycocyanin 545</i> using ultrahigh resolution crystallography and ultrafast laser spectroscopy	J of Molecular Biology					
Dressler, A., Oemler, A., Poggianti, B.M., Smail, I., Trager, S., Shectman, S.A., Couch, W.J., and Ellis, R.S.	Better evidence for starburst galaxies in intermediate redshift clusters	Astrophysical J	867	878	617		
Drinkwater, M.J., Gregg, M.D., Couch, W.J., Ferguson, H.C. et al.	Ultra-compact dwarf galaxies in galaxy clusters	PASA	375	378	21		
Eke, V.R., Frenk, C.S., Baugh, C.M., Cole, S., Norberg, P., Peacock, J.A., Baldry, I.K., Bland-Hawthorn, J., Bridges, T., Cannon, R., Colless, M., Collins, C., Couch, W., Dalton, G., de Propris, R., Driver, S.P., Efstathiou, G., Ellis, R.S., Glazebrook, K., Jackson, C., Oahav, O., Lewis, I., Lumsden, S., Maddox, S.J., Madgwick, D., Peterson, B.A., Sutherland, W. and Taylor, K. (the 2dFGRS Team)	Galaxy groups in the Two-degree Field Galaxy Redshift Survey: the luminous content of the groups	MNRAS	769	784	355		
Eke, V.R., Baugh, C.M., Cole, S., Frenk, C.S., Norberg, P., Peacock, J.A., Baldry, I.K., Bland-Hawthorn, J., Bridges, T., Cannon, R., Colless, M., Collins, C., Couch, W., Dalton, G., de Propris, R., Driver, S.P., Efstathiou, G., Ellis, R.S., Glazebrook, K., Jackson, C., Oahav, O., Lewis, I., Lumsden, S., Maddox, S., Madgwick, D., Peterson, B.A., Sutherland, W., and Taylor, K. (The 2dFGRS Team)	Galaxy groups in the 2dFGRS: the group-finding algorithm and the 2PIGG catalogue	MNRAS	866	878	348		
Erdo_du, P., Lahav, O., Zaroubi, S., Efstathiou, G., Moody, S., Peacock, J.A., Colless, M., Baldry, I.K., Baugh, C.M., Bland-Hawthorn, J., Bridges, T., Cannon, R., Cole, S., Collins, C., Couch, W., Dalton, G., dePropris, R., Driver, S.P., Ellis, R.S., Frenk, C.S., Glazebrook, K., Jackson, C., Lewis, I., Lumsden, S., Maddox, S., Madgwick, D., Norberg, P., Peterson, B.A., Sutherland, W., and Taylor, K., (The 2dFGRS Team)	The 2dF Galaxy Redshift Survey: Wiener reconstruction of the cosmic web	MNRAS	939	960	352		
Evans, P., Osman, F., and Hora, H.	An investigation of the nature properties of plasma	Amer J of Appl Sciences	168	175	3		

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Flambaum, V.V.	Limits on temporal variation of fine structure constant, quark masses and strong interaction from atomic clock experiments	Proc 16th Intl Conf on Laser Spectroscopy	49	57			Hannaford, P., Sidorov, A., Bachor, H., and Baldwin, K.
Flambaum, V.V., Leinweber, D.B., Thomas, A.W., and Young, R.D.	Limits on temporal variation of fine structure constant, quark masses and strong interaction	Phys Rev D	115006		69		
Gao, Q., Tan, H.H., Jagadish, C., Sun, B.Q., Gal, M., Ouyang, L., and Zou, J.	Enhanced optical properties of the GaAsN/GaAs quantum-well structure by the insertion of InAs monolayers	Appl Phys Lett	2537	2538	84		
Gao, Q., Tan, H. H., Jagadish, C.C., Sun, B.Q., Gal, M., Ouyang, L. and Zou, J.	Metallorganic chemical vapor deposition of GaAsN epilayers: microstructures and optical properties	J Cryst Growth	92	97	264		
Geldart, D.J.W., and Neilson, D.	Temperature dependent resistivity in the low resistance region for diffusive transport in two-dimensions	Phys Rev B	235336		70		
Ginges, J.S.M., and Flambaum, V.V.	Violation of fundamental symmetries in atoms and test of unification theories of elementary particles	Phys Rep	63	154	2		
Glowacz, S., Badziak, J., Jablonski, S., and Hora, H.	Numerical modelling of production of ultrahigh-current-density ion beams by short-pulse laser-plasma interaction	J Physics	C460	C467	54		
Goan, H.-S.	Monte Carlo method for a quantum measurement process by a single-electron transistor	Phys Rev B	75305		70		
Goan, H.-S., and Brun, T.A.	Single-spin measurement by magnetic resonance force microscopy: effects of measurement device, thermal noise and spin relaxation	Proc of SPIE: Device & Process Tech for MEMS, Microelectronics & Photonics III	5276		250		
Goh, K.E.J., Oberbeck, L., Simmons, M.Y., and Clark, R.G.	Effect of encapsulation temperature on Si:P d-doped layers	Appl Phys Lett	4953	4955	85		
Goossens, D.J., Wilson, K.F., James, M., Studer, A.J., and Wang, X.L.	Structure and magnetism in $Y_{(0.33)}Sr_{(0.67)}CoO_{(2.79)}$	Phys Rev B	134411		69		
Goossens, D.J., Wilson, K.F., and James, M.	Structure and magnetism in $Ho_{(0.1)}Sr_{(0.9)}CoO_{(3.4)}$	J Phys and Chem of Solids	169	175	66		
Graham, A.C., Thomas, K.J., Pepper, M., Simmons, M.Y., and Ritchie, D.A.	0.7 structure in quantum wires observed at crossings of spin polarised 1D subbands	Physica E	264		E22		
Graham, A.C., Thomas, K.J., Pepper, M., Simmons, M.Y., Ritchie, D.A., Berggren, K.F., Jaksch, P., Debnarova, A., and Yakimenko, I.I.	0.7 analogue structures and exchange interactions in quantum wires	Solid State Comm	591		131		
Greentree, A.D., Cole, J.H., Hamilton, A.R., and Hollenberg, L.C.L.	Coherent electronic transfer in quantum dot systems using adiabatic passage	Phys Rev B	235317		70		
Greentree, A.D., Hamilton, A.R. and Green, F.	Charge shelving and bias spectroscopy for readout of a charge qubit in the superposition basis	Virtual J of Nanoscale Science & Technology	4		10		
Greentree, A.D., Hamilton, A.R. and Green, F.	Charge shelving and bias spectroscopy for readout of a charge qubit in the superposition basis	Virtual J of Quantum Information	7		4		

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Greentree, A.D., Schirmer, S.G., Green, F., Hollenberg, L.C.L., Hamilton, A. R. and Clark, R.G.	Maximizing the Hilbert space for a finite number of distinguishable quantum states	Phys Rev Lett	97901		92		
Griffiths, L., and Lineweaver, C.H.	Testing the CMB data for systematic effects	Astrophys J	371	382	603		
Haase, J., and Sushkov, O.P.	Hole doping of the Cu-O plane measured by NMR	J of Superconductivity: Inc Novel Magnetism	109		17		
Haase, J., Sushkov, O. P., Horsch, P., and Williams, G.V.M	Planar Cu and O hole densities in high-Tc cuprates determined with NMR.	Phys Rev B	94504		69		
Hamer, C.J., Zheng, W-H., and Singh, R.R.P.	Structure factors and multiparticle dynamics from series expansions	Proc 28th Ann Cond Matter & Mat Mtg					
Harrison, C., Colless, M., Couch, W.J., and Peterson, B.A.	The stellar populations of low-redshift clusters	Outskirts of Galaxy Clusters: Intense life in the Suburbs	488	490	195		Diaferio, A.
Hess, S. & Morris, G.P.	Rotation and deformation of polymer molecules in solution subjected to a shear flow	Computer simulations bridging liquid crystals & polymers					Pasini, P., Zannoni, C., & Zumer, S.
Hidas, M.G., Webb, J.K., Ashley, M.C.B., Lineweaver, C.H., Anderson, J., and Irwin, M.	Searching for extrasolar planets using transits	IAUS	213		77		
Hill, C. D., and Goan, H.-S.	Comment on Grover search with pairs of trapped ions	Phys Rev A	56301		69		
Hill, C.D., and Goan, H.-S.	Gates for the Kane quantum computer in the presence of dephasing	Phys Rev A	22310		70		
Hollenberg, L.C.L., Dzurak, A.S., Wellard, C., Hamilton, A.R., Reilly, D.J., Milburn, G.J., and Clark, R.G.	Charge-based quantum computing using single donors in semiconductors	Phys Rev B	113301		69		
Hong, L., Beech, R., Osman, F., He, X.-T., Lou, S.-Y., and Hora, H.	Periodic and solitary waves of the cubic-quintic Schrödinger equation	J of Plasma Physics	415	429	70		
Hora, H.	Developments in inertial fusion energy and beam fusion at magnetic confinement	Laser and Particle Beams	439	449	22		
Hora, H., and Miley, G.H. (eds)	Edward Teller lectures, laser and inertial fusion	University of Western Sydney					
Hora, H., Badziak, J., Miley, G., Osman, F., Wei, H., Hangsheng, P., and Gu, Y.	Application of high current density ions from PW-PS laser pulse nonlinear force driven plasma blocks for x-ray lasers	Proc. 31st EPS Conf on Plasma Physics					
Hora, H., Cang, Y., Xiantu, H., Zhang, J., Osman, F., Badziak, J., Boody, F.P., Gammis, S., He, X.-T., Höpff, R., Jungwirth, K., Kraska, J., Laska, L., Liu, H., Miley, G.H., Parys, P., Hangsheng, P., Pfeifer, M., Rohlena, K., Skala, J., Skladanowski, Z., Torrisi, L., Ullschmied, J., Wolowski, J., and Zhang, W.	Generation of nonlinear force driven blocks from skin layer interaction of petawatt-picosecond laser pulses for ICF	Plasma Science & Technology	2172	2178	6		
Hora, H., Miley, G., and Osman, F.	Quark-gluon plasma and transition to hadrons at nucleation in astrophysics plasma at Boltzmann equilibrium	Proc 31st EPS Conf on Plasma Physics					
Hora, H., Miley, G., Osman, F., Hammerling, P., Wolowski, J., Jungwirth, K., Rohlena, K., He, X., Peng, H., and Zhang, J.	Fields in laser ablated plasmas generalized to degenerate electrons and to Fermi energy in nuclei with change to quark-gluon plasma	SPIE Proc 5448	1190	1200			Phipps, C.

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