Appendix 1

Publications

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Alvermann, A., Schubert, G., Weisse, A., Bronold, F.X., and Fehske, H.	Characterisation of Anderson localisation using distributions	Physica B	789	791	359-361	10.106/j.physb.2005.01.228	De Boer, F., et al.
Angstmann, E.J., Dinh, T.H., and Flambaum, V.V.	Parity nonconservation in atomic Zeeman transitions	Phys Rev A	052108-1	052108-5	72		
Aristidi, E., Agabi, K., Azouit, M., Fossat, E., Vernin, V., Travouillon, T., Lawrence, J.S., Meyer, C., Storey, J.W.V., Halter, B., Roth, W.L., and Walden, V.	An analysis of temperatures and wind speeds above Dome C, Antarctica	A & A	739	746	430		
Ashley, M.C.B., Lawrence, J.S., Storey, J.W.V., and Tokovinin, A.	MASS seeing measurements from Dome C	EAS Publications Series	19	24	14		Giard, M., Casoli, F., and Paletou, F.
Azarnia, G., Webb, J., and Pollock, J.	Noise characteristics of microvariations in blazars	AAS					
Badziak, J., Glowacz, S., Jablonski, J., Parys, P., Wolowskaim, J., and Hora, H.	Generation of picoseconds high-denisty ion fluxes by skin-layer laser-plasma interaction	Laser and Particle Beams	143	147	23		
Badziak, J., Glowacz, S., Jablonski, J., Parys, P., Wolowskaim, J., and Hora, H.	Laser Driven generation of high-current ion beams using skin-layer ponderopmortive acceleration	Laser and Particle Beams	401	409	23		
Barford, W., and Bursill, R.J.	Phase transition in the quantum spin-Peierls model	Phys Rev Lett	137207-1	137207-4	95		Sandweiss, J., et al
Bartos, I., and Read, M.N.	Electron Resonances in VLEED from Cu(111)	Czech J Phys	7	11	56		
Bavu, E., Smith, J., and Wolfe, J.	Torsional waves in a bowed string	Acustica	241	246	91		
Bekki, K.	The galactic globular cluster system as a fossil record of reionization	ApJ	93		L626		
Bekki, K., Beasley, M.A. Brodie, J.P., and Forbes, D.A.	Kinematics of globular cluster sytems and the formation of early-type galaxies	MNRAS	1211		363		
Bekki, K., and Chiba, M.	Fossil records of cosmic reionization in galactic stellar halos	Ap J	107		L625		
Bekki, K., and Chiba, M.	Formation and evolution of the magellanic clouds - I. Origin of structural, kinematic and chemical properties of the Large Magellanic Cloud.	MNRAS	680		356		
Bekki, K., Couch, W.J., Shioya, Y., and Vazdekis, A.	Origin of E+A galaxies - I. Physical properties of E+A galaxies formed from galaxy merging and interaction	MNRAS	949	965	359		
Bekki, K., Koribalski, B.S., Ryder, S.D., and Couch, W.J.	Massive HI clouds with no optical counterparts as high-density regions of intragroup HI rings and arcs	MNRAS	21		L357		
Bekki, K., Koribalski, B.S., and Kilborn, V.A.	Dark galaxies or Tidal Debris? Kinematical Clues to the Origin of Massive Isolated HI Clouds	MNRAS	L21	L25	363		
Berengut, J.C., Flambaum, V.V., and Kozlov, M.G.	Calculation of relativistic and isotope shifts in Mg I	Phys Rev A	44501		72		
Blackwell-Whitehead, R.J., Toner, A., Hibbert, A., Webb, J., and Ivarsson, S.	Hyperfine structure of the ground state in singly ionized manganese	MNRAS	705		364		

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Böcking, T., Kilian, K.A., Hanley, T., Ilyas, S., Gaus, K., Gal, M., and Gooding, J.J.	Formation of tetra (ethylene oxide) terminated Si-C linked monolayers and their derivatization with glycine: an example of a generic strategy for the immobilization of biomolecules on silicon	Langmuir	10522	10529	21		
Böcking, T., Gal, M., Gaus, K., and Gooding, J.J.	Evidence for why tri (ethylene oxide) functionalized Si-C linked monolayers on Si (111) have inferior protein antifouling properties relative to the equivalent alkanethiol monolayers assembled on gold	Aust J Chem	660	663	58 (9)		
Bouya, Z., Box, G.P., and Box, M.A.	Seasonal cycles in aerosol optical thickness in two Australian cities	Proc of 17th Intl Clean Air & Environ Conf					
Box, G.P.	Inclusion of a priori information in analytic eigenfunction inversion of Mie extinction measurements	Appl Optics	1288	1295	44		
Brenner, R., Buehler, T.M, and Reilly, D.J.	Radio-frequency operation of a double-island single-electron transistor	J Appl Phys	034501-1	034501-5	97		
Brenner, R., Buehler, T.M., and Reilly, D.J.	Radio-frequency operation of a double-island single-electron transistor	Virtual J of Quantum Information	1		5		
Brenner, R., Buehler, T.M., and Reilly, D.J.	Double-island single-electron transistor operated at radio-frequency for sensitive and fast charge detection	Microelec Eng	218	223	78-79	10.1016/j.mee.2005.01.002	
Brown, G.W., Ubernaga, B.P., Grube, H., Haley, M.E., Schofield, S.R., Curson, N.J., Simmons, M.Y., and Clark, R.G.	Observation of substitutional and interstitial phosphorus on clean Si(100)2x1 with scanning tunnelling microscopy	Phys Rev B	195323-1	195323-5	72	10.1103/PhysRevB.72.195323	
Buehler, T.M., Reilly, D.J., Starrett, R.P., Greentree, A.D., Hamilton, A.R., Dzurak, A.S., and Clark, R.G.	Efficient readout with the radio frequency single electron transistor in the presence of charge noise	Appl Phys Lett	143117		86		
Burton, M.G., Lawrence, J.S., Ashley, M.C.B., Bailey, J.A., Blake, C., Bedding, T.R., Bland-Hawthorn,J., Bond, I.A. Glazebrook, K., Hidas, M.G., Lewis, G., Longmore, S., Maddison, S.T., Mattila, S., Minier, V., Ryder, S.D., Sharp, R., Smith, C.H., Storey, J.W.V., Tinney, C.G., Tuthill, P., Walsh, A.J., Walsh, W., Whiting, M., Wong, T., Woods, D., and Yock, P.C.M.	Science programs for a 2m-class telescope at Dome C, Antarctica: PILOT, the Pathfinder for an International Large Optical Telescope	Publ ASA	199	235	22		
Byrnes, T.M.R., Loan, M., Hamer, C.J., Bonnet, F.D.R., Leinweber, D.B., Williams, A.G., and Zanotti, J.M.	The Hamiltonian limit of (3+1)D SU(3) lattice gauge theory	Nucl Phys B (Proc Suppl)	253	258	141		Kizilersu, A. et al.
Cadogan, J.M., Ryan, D.H., Gagnon, R., and Voyer, C.J.	Magnetic structure of NdScGe	J Appl Phys	10A916-1	10A916-3	97		
Cang, Y., Osman, F., Hora, H., Zhang, J., Badziak, J., Wolowski, J., Jungwirth, K., Rohlena, K., and Ullschmied, J.	Computations for Nonlinear Force driven plasma blocks by picosecond laser pulses for fusion	J Plasma Phys	35	51	71		
Chan, V.C., Buehler, T.M., McCamey, D.R., Ferguson, A.J., Reilly, D.J., Yang, C., Hopf, T., Dzurak, A.S., Hamilton, A.R., Jamieson, D.N., and Clark, R.G.	Single-electron transistor coupled to a silicon nano-MOSFET	Proc of SPIE Intl Soc of Opt Eng	89		5650		

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Chou, A., Böcking, T., Singh, N.K., and Gooding, J.J.	Demonstration of the importance of oxygenated species at the ends of carbon nanotubes for their favorable electrochemical properties	Chem Commun	842	844	2005		
Chow, E., Wong, E.L.S., Böcking, T., Nguyen, Q.T., Hibbert, D.B., and Gooding, J.J.	Analytical performance and characterization of Mpa-Gly-Gly-His modified sensors	Sensors & Actuators B: Chemical	540	548	111-112		
Christiansen, J.L., Ashley, M.C.B., Webb, J.K., and Hidas, M.G.	Searching for extrasolar planets from UNSW	Proc of the Conf Protostars and Planets V			8191		
Christopher, S.A., Box, M.A., and Box, G.P.	Satellite remote sensing of air quality over Australia and New Zealand	Proc of 17th Intl Clean Air & Environ Conf					
Clarke, W.R., Micolich, A.P., Hamilton, A.R., Simmons, M.Y., Pfeiffer, L.N., West, K.W., Linfield, E.H., Pepper, M., and Ritchie, D.A.	Evolution of the bilayer υ=1 Quantum Hall state under charge imbalance	Phys Rev B Rapid	081304-1	081304-4	71	10.1103/PhysRevB.71.081304	
Clarke, W.R., Micolich, A.P., Hamilton, A.R., Simmons, M.Y., Muraki, K., and Hirayama, Y.	Fabrication of induced two-dimensional hole systems on (311) A GaAs SISFET	Microelec J	327	330	36	10.1016/j.mejo.2005.02.073	
Cole, S., Percival, W.J., Peacock, J.A., Norberg, P., Baugh, C.M., Frenck, C.S., Baldry, I., Bland-Hawthorn, J., Bridges, T., Cannon, R., Colless, M., Collins, C., Couch, W., Cross, N.J.G., Dalton, G., Eke, V.R., De Propris, R., Driver, S.P., Efstathiou, G., Ellis, R.S., Glazebrook, K., Jackson, C., Jenkins, A., Lahav, O., Lewis, I., Lumsden, S., Maddox, S., Madgwick, D., Peterson, B.A., Sutherland, W., and Taylor, K.	The 2dF galaxy redshift survey: power-spectrum analysis of the final data set and cosmological implications	MNRAS	505	534	362		
Collins, A., McEvoy, J., Robinson, D., Hamer, C.J., and Zheng, W.	Quantum spin model with frustration on the union jack lattice	Phys Rev B	24407		73		
Conway, E., Maddox, S., Wild, V., Peacock, J.A., Hawkins, E., Norberg, P., Madgwick, D.S., Baldry, I.K., Baugh, C.M., Bland-Hawthorn, J., Bridges, T., Cannon, R., Cole, S., Colless, M., Collins, C., Couch, W., Dalton, G., De Propris, R., Driver, S.P., Efstathiou, G., Ellis, R.S., Frenk, C.S., Glazebrook, I. K., Jackson, C., Jones, B., Lahav, O., Lewis, I., Lumsden, S., Percival, W., Peterson, B.A., Sutherland, W., and Taylor, K.	The 2dF galaxy redshift survey: the nature of the relative bias between galaxies of different spectral type	MNRAS	456	474	356		
Court, N.A., Reilly, D.J., Buehler, T.M., Starrett, R.P., and Clark, R.G.	Toward a quantum-limited charge detector	Proc of SPIE Intl Soc of Opt Eng	5649		311		
Cunningham, M.R., and Whiteoak, J.B.	The nuclear molecular clouds of NGC 4945	MNRAS	37	46	364		
Curran, S.J., Murphy, M.T., Pihlstrom, Y.M., Webb, J.K., and Purcell, C.R.	Spin temperatures and covering factors for HI 21-cm absorption in damped Lyman alpha systems	MNRAS	1509	1518	356 (4)		

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Danneau, R., Clarke, W.R., Klochan, O., Micolich, A.P., Hamilton, A.R., Simmons, M.Y., Pepper, M., and Ritchie, D.A.	Conductance quantization and the 0.7x2e2/h conductance anomaly in one-dimensional hole systems	App Phys Letters	012107-1	012107-3	88	10.1063/1.2161814	
Das, M.P., Green, F., and Thakur, J.S.	Quantum point contacts and beyond: New results on mesoscopic conductance and fluctuations	Nanoscopics (2004)					
Das, M.P., and Green, F.	Ballistic transport is dissipative: the why and how	J Phys Cond Matt	17		13		
Dempsey, J.T., Phillips, M.A., and Storey, J.W.V.	Auroral contribution to sky brightness for optical astronomy on the Antarctic Plateau	Pub ASA	91	104	21		
De Propris, R., Colless, M., Driver, S.P., Pracy, M.B., and Couch, W.J.	Internal Colour Gradients for E/SO Galaxies in Abell 2218	MNRAS	590	598	357		
Di Gusto, D.A., Sutherland, A.P.R., Jankova, L., Harrop, S.J., Curmi, P.M.G., and King, G.C.	Plasminogen activator inhibitor-2 is highly tolerant to P8 residue substitution: implications for serpin mechanistic model and prediction of nsSNP activities	J Mol Biol	1069	1080	353		
Dmitriev, V.F., and Flambaum, V.V.	Relativistic corrections to the nuclear Schiff moment	Phys Rev C	68501		71		
Doust, A.B., Van Stokkum, I.H.M, Larsen, D.S., Wilk, K.E., Curmi, P.M.G., Rienk van Grondelle, R., and Scholes, G.D.	Mediation of ultrafast light harvesting by a central dimer in Phycoerythrin 545 studied by transient absorption and global analysis	J Phys Chem B	14219	14226	109		
Dzuba, V.A.	V^{N-M} approximation for atomic calculations	Phys Rev A	032512-1	032512-6	71	10.1103/PhysRevA.**71**.032512	
Dzuba, V.A.	Calculation of the energy levels of Ge, Sn, Pb, and their ions in the V^{N-4} approximation	Phys Rev A	062501-1	062501-7	71	10.1103/PhysRevA.**71**.062501	
Dzuba, V.A., and Flambaum, V.V.	Search for cosmological variation of the fine structure constant using relativistic shift of frequencies in Ge II, Sn II and PbII	Phys Rev A	052509-1	052509-5	71	10.1103/PhysRevA.**71**.052509	
Dzuba, V.A., and Flambaum, V.V.	Fine structure anomalies and search for variation of the fine structure constant in laboratory experiments	Phys Rev A	052514-1	052514-4	72	10.1103/PhysRevA.72.**72**052514	
Dzuba, V.A., Johnson, W.R., and Safronova, M.S.	Calculation of isotope shifts for cesium and francium	Phys Rev A	022503-1	022503-9	72	10.1103/PhysRevA**72**.72022503	
Fehske, H., Wellein, G., Hager, G., Weisse, A., Becker, K.W., and Bishop, A.R.	Luttinger liquid versus charge density wave behaviour in the one-dimensional spinless fermion Holstein model	Physica B	699	701	359-361	10.1016/j.physb.2005.01.198	De Boer, F., et al.
Ferguson, A.J., Chan, V., Hamilton, A.R., and Clark, R.G.	Electric field induced charge noise in doped silicon: ionisation of phosphorus dopants	AIP Conf Proc	1449	1450	772		
Flambaum, V.V., and Zelevinsky, V.G.	Quantum tunneling of a complex system: effects of a finite size and intrinsic structure	J Phys G: Nucl Part Phys	355	360	31		

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Flambaum, V.V., and Ginges, J.S.M.	Radiative potential and calculations of QD radiative corrections to energy levels and electromagnetic amplitudes in many-electron atoms	Phys Rev A	52115		72		
Fletcher, N.H., Smith, J., Tarnopolsky, A., and Wolfe, J.	Acoustic impedance measurements--correction for probe geometry mismatch	J Acoust Soc Amer	2889	2895	117		
Fritz, C., and Wolfe, J.	How do clarinet players adjust the resonances of their vocal tracts for different playing effects?	J Acoust Soc Amer	3306	3315	118		
Fu, L., Lever, P., Jagadish, H.H., Reece, P., and Gal, M.	Study of intermixing in InGaAs/(Al)GaAs quantum well and quantum dot structures for optoelectronic/photonic integration	IEE Proc Circuits & Devices and Systmes	491	496	152 (5)		
Goh, K.E.J., Oberbeck, L., Simmons,M.Y., Hamilton, A.R., and Butcher, M.J.	Influence of doping density on electronic transport in degenerate Si : P delta-doped layers	Phys Rev B	035401-1	035401-6	73	10.1103/PhysRevB.73.035401	
Goh, K.E.J., Oberbeck, L., and Simmons, M.Y.	Relevance of phosphorus incorporation and hydrogen removal for Si:P delta-doped layers fabricated using phosphine	Physica Status Solidi A	1002	1005	202	10.1002/pssa.200460764	
Graham, A.C., Pepper, M., Simmons, M.Y., and Ritchie, D.A.	Anomalous Spin-dependent behaviour of one dimensional subbands	Phys Rev B	193305-1	193305-4	72	10.1103/PhysRevB.72.193305	
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	683	684	25	doi:10.1016/j.physe.2004.10.001	
Green, F., Thakur, J.S., and Das, M.P.	Where is the shot noise of a quantum point contact?	Phys Rev Lett (2004)	156804		92		
Green, F., and Das, M.P.	Noise and transport in mesoscopics: Physics beyond the Landauer-Buettiker formalism	Fluctuation & Noise Lett	5		C1		
Greentree, A.D., Cole, J.H., Hamilton, A.R., and Hollenberg, L.C.L.	Scaling of coherent tunneling adiabatic passage in solid-state coherent quantum systems	Proc SPIE Int Soc Opt Eng	5650		72		
Greentree, A.D., Hamilton, A.R., Hollenberg, L.C.L., and Clark, R.G.	Electrical readout of a spin qubit without double occupancy	Phys Rev B	113310-1	113310-4	71	0.1103/PhysRevB.71.113310	
Hallal, T., and Box, G.P.	Seasonal variations in size-resolved chemistry and aerosol optical properties in Sydney, Australia	Proc 17th Intl Clean Air & Environ Conf					
Hallam, T., Curson, N.J., Oberbeck, L., Simmons, M.Y., Rueß, F.J., and Clark, R.G.	The removal of hydrogen resists used to pattern atomic-scale devices in silicon	App Phys Letters	143116-1	143116-3	86	10.1063/1.1897064	
Hidas, M.G., Ashley, M.C.B., Webb, J.K., Irwin, M., Phillips, A., Toyozumi, H., Derekas, A., Christiansen, J.L., Nutto, C., and Crothers, S.	The University of New South Wales Extrasolar Planet Search: methods and first results from a field centred on NGC 6633	MNRAS	703	717	360		
Hill, T., Burton, M.G., Minier, V., Thompson, M.A., Walsh, A.J., Hunt-Cunningham, M., and Garay, G.	Millimetre continuum observations of southern massive star formation regions. I. SIMBA observations of cold cores	MNRAS	405	451	363		

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Hopf, T., Jamieson, D.N., Hearne, S.M., Yang, C., Pakes, C.I., Dzurak, A.S., Gauja, E., and Clark, R.G.	Ion beam induced charge and numerical modeling study of novel detector devices for single ion implantation	Nucl Instr and Methods in Phys Res Sect B	463	466	231	10.1016/j.nimb.2005.01.101	
Hong, W., Peng, H., Gu, Y., Hora, H., Miley, G., Badziak, J., and Osman, F.	M-L-K-Shell x-ray laser with 10 femtosecond laser driven blocks	Proc 9th Intl Conf X-Ray Lasers				IOP Bristol/UK	Zhang, J.
Hora, H.	New basic physics derived from laser-plasma interaction	Chapter in book Edward Teller Lectures. Laser and Inertial Fusion Energy	103	113		ISBN 1-86094-468-X	Hora, H. and Miley, D.H. (Eds)
Hora, H.	30 years laser interaction and related plasma phenomena	Chapter in book Edward Teller Lectures. Laser and Inertial Fusion Energy	337	351		ISBN 1-86094-468-X	Hora, H. and Miley, D.H. (Eds)
Hora, H.	Contributions on Laser Driven Inertial Confinement Fusion	Am J Appl Sci	1086	1094	2 (No. 6)		
Hora, H.	Difference between relativistic petawatt-picosecond laser-plasma interaction and subrelativistic plasma-block generation	Laser and Particle Beams	441	451	23		
Hora, H.	Ideal energy source by Mark Oliphant's Beam Fusion	J & Proc of Royal Society of NSW	13	29	138		
Hora, H, Badziak, J., Glowacz, S., Jablonski, S., Sklandanowski, Z., Osman, F., Cang, Y., Zhang, J., Miley, G.H., Peng, H., He, X., Zhang, W., Rohlena, K., Ullschmied, J., and Jungwirth, J.	Fusion energy from plasma block ignition	Laser and Part Beams	423	432	23		
Hora, H., Miley, G.H., Li, X.Z., Kelly, J.C., and Osman, F.	Low-energy nuclear reactions resulting s picometer interactions with similarity to K-shell electron capture	Chapter in book Cond Matt Nucl Science	822	837			Biberian, J.-P.
Hora, H., and Miley, D.H.	Edward Teller Lectures. Laser and Inertial Fusion Energy	Chapter in book Edward Teller Lectures. Laser and Inertial Fusion Energy	1	370		ISBN 1-86094-468-X	Imperial College Press, London

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Hora, H., Miley, G.H., and Osman, F.	Boltzmann equilibrium of endothermic heavy nuclear synthesis in the universe and quark relation to the magic numbers	Astrophys & Space Science	247	253	298		
Huang, T.Y., Huang, C.P, Chui, Y.H., and Liang, C.T.	Mobility gap of a spin-split GaAs two-dimensional electron gas	Microelec J	466	468	36	10.1016/j.mejo.2005.02.091	
Hunt, M.R., and Whiteoak, J.B.	High-resolution ATCA observations of the circumnuclear molecular clouds of NGC4945	AP & SS	257	262	295		
Hunt-Cunningham, M., Hatsidimitris, G., and McAlpine, I.	Brave New World: General studies on the internet	UNSW Comp of Good Practice in Learning & Teaching	49	68	Issue 2	ISBN 0 7334 2187 3	
Indermuehle, B.G., Burton, M.G., and Maddison, S.	The history of astrophysics in Antarctica	PASA	73	90	22		
Inta, R., Smith, J., and Wolfe, J.	Measurement of the effect on violins of ageing and playing	Acoustics Aust	25	29	33		
Jablonski, S., Hora, H., Gowacz, S., Badziak, J., Cang, Y., and Osman, F.	Two-fluid computations of plasma block dynamics for numerical analyzing of rippling effect	Laser and Particle Beams	433	440	23		
Jamieson, D.N., Yang, C., Hopf, T., Hearne, S.M., Pakes, C.I., Prawer, S., Mitic, M., Gauja, E., Andresen, S.E., Hudson, F.E., Dzurak, A.S., and Clark, R.G.	Controlled shallow single-ion implantation in silicon using an active substrate for sub-20-keV ions	Appl Phys Lett	202101-1	202101-3	86	10.1063/1.1925320	
Jamieson, D.N., Chan, V., Andresen, S.E., Yant, C., Hopf, T., Hearne, S.M., Pakes, C.I., Prawer, S., Gauja, E., Hudson, F.E., Dzurak, A.S., and Clark, R.G.	Quantum effects in ion implanted devices	Proc of Challenges of New Frontiers in Testing Conf					
Kahol, P.K., Kemp, N.T., and Kaiser, A.B.	An electron paramagnetic resonance study of morphological disorder in polypyrrole through oxygen effects	Solid State Commun	775	779	135 (11-12)		
Karshenboim, S., Flambaum, V.V., and Peik, E.	Atomic clocks and constraints on variation of fundamental constants	Atomic, Molecular & Optical Physics Handbook	455	461	Drake, G.W.F.		
Kemp, N.T., Kaiser, A.B., Trodahl, H.J., Chapman, B., Buckley, R.G., Partridge, A.C., and Foot, P.J.	Effect of ammonia on the temperature-dependent conductivity and thermopower of polypyrrole	J Polym Sci	1311	1338	44(9)		
Kemp, N.T., and Singh, N.K.	Evidence of carbon--carbon bond formation on GaAs (100) via Fischer-Trophsch methylene insertion reaction mechanism	Chem Commun	4348	4350			
Kovokin, K.V., Portinoi, M.E., Matthews, A.J., Usher, A., Gething, J.D., Ritchie, D.A., and Simmons, M.Y.	Induced currents, frozen charges and the quantum Hall effect breakdown	Solid State Communications	257	259	134	10.1016/j.ssc.2005.01.030	

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Kim, S., Walsh, W., Xiao, K, and Lane, A.P.	A CO J (4-3) High-Velocity Cloud in the Large Magellanic Cloud	Astron J	1635	1639	130		
King, W.A., Stone, D.B., Timmins, P.A., Narayanan, T., Von Brasch, A.A., Mendelson, R.A., and Curmi, P.M.G.	Solution structure of the chicken skeletal muscle troponin complex via small angle neutron and x-ray scattering	J Mol Biol	797	815	345		
Kotov, V.N., and Sushkov, O.P.	Theory of anisotropic hopping transport due to spiral correlations in the spin-glass phase of underdoped cuprate superconductors	Phys Rev B	184519		72		
Kuchiev, M.Y., and Flambaum, V.V.	Reflection on event horizon of black holes	Proc 16th National Congress of the AIP	1	5			Colla, M.
Labasan, I., Reinhold, E., Ubach, W., and Flambaum, V.V.	Wavelength calibration of the C I line at 94.5 nm for comparison with quasar data	Phys Rev A	40501		71		
Ladd, N., Purcell, C., Wong, T., and Robertson, S.	Beam size, shape and efficiencies for the ATNF Mopra radio telescope at 86-115 GHz	Publications of ASA	62	72	22 (1)		
Lawrence, J.S., Ashley, M.C.B., and Storey, J.W.V.	A remote, autonomous laboratory for Antarctica with hybrid power generation	Aust Journal Elec & Electronic Eng	1	12	2		
Lawrence, J.S., Ashley, M.C.B., and Storey, J.W.V.	Exoplanet detection from Dome C, Antarctica: opportunities and challenges	Proc IAU Colloq 2005	297	300			Aime, C., and Vakili, F.
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