

Bibliography from ADS file: roxburgh.bib  
September 14, 2022

- Buldgen, G., Bétrisey, J., Roxburgh, I. W., Vorontsov, S. V., & Reese, D. R., “Inversions of Stellar Structure From Asteroseismic Data”, 2022FrASS...9.2373B ADS
- Cunha, M. S., Roxburgh, I. W., Aguirre Børsen-Koch, V., et al., “PLATO hare-and-hounds exercise: asteroseismic model fitting of main-sequence solar-like pulsators”, 2021MNRAS.508.5864C ADS
- Ong, J. J. M., Basu, S., McKeever, J., et al., “Mixed Modes and the Asteroseismic Surface Term”, 2021plat.confE...430 ADS
- Ong, J. M. J., Basu, S., & Roxburgh, I. W., “Mixed Modes and Asteroseismic Surface Effects. I. Analytic Treatment”, 2021ApJ...920...80 ADS
- Nielsen, M. B., Davies, G. R., Ball, W. H., et al., “PBjam: A Python Package for Automating Asteroseismology of Solar-like Oscillators”, 2021AJ...161...62N ADS
- Nielsen, M. B., Ball, W. H., Standing, M. R., et al., “TESS asteroseismology of the known planet host star  $\lambda^2$  Fornacis”, 2020A&A...641A...25N ADS
- Chaplin, W. J., Serenelli, A. M., Miglio, A., et al., “Age dating of an early Milky Way merger via asteroseismology of the naked-eye star  $\nu$  Indi”, 2020NatAs...4...382C ADS
- Huber, D., Chaplin, W. J., Chontos, A., et al., “VizieR Online Data Catalog: High-precision radial velocities for HD 221416 (Huber+, 2019)”, 2019yCat...51570245H ADS
- Huber, D., Chaplin, W. J., Chontos, A., et al., “A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS”, 2019AJ...157...245H ADS
- Roxburgh, I. W., “Overfitting and correlations in model fitting with separation ratios”, 2018arXiv180807556R ADS
- Roxburgh, I. W., “Anomalies in the Kepler Asteroseismic Legacy Project Data A re-analysis of 16 Cyg A & B, KIC 8379927 and 6 solar-like stars”, 2017A&A...604A...42R ADS
- Miglio, A., Chiappini, C., Mosser, B., et al., “PLATO as it is: A legacy mission for Galactic archaeology”, 2017AN...338...644M ADS
- Ouazzani, R.-M., Salmon, S. J. A. J., Antoci, V., et al., “A new asteroseismic diagnostic for internal rotation in  $\gamma$  Doradus stars”, 2017MNRAS.465.22940 ADS
- Davies, G. R., Lund, M. N., Miglio, A., et al., “Using red clump stars to correct the Gaia DR1 parallaxes”, 2017A&A...598L...4D ADS
- Roxburgh, I. W., “16CygA&B and Kepler Legacy values: Differences between the values of frequencies by different fitters”, 2016arXiv160900568R ADS
- Roxburgh, I. W., “Asteroseismic model fitting by comparing ??nl values (Corrigendum)”, 2016A&A...586C...2R ADS
- Fridlund, M., Roxburgh, I., & CoRoT Team, “I.2 Seeds take root in Europe”, in The CoRoT Legacy Book: The Adventure of the Ultra High Precision Photometry from Space, 7 2016cole.book...7F ADS
- Roxburgh, I. W., “Asteroseismic model fitting by comparing ??nl values”, 2016A&A...585A...63R ADS
- Roxburgh, I. W., “Scaled models, scaled frequencies, and model fitting”, 2015A&A...584A...71R ADS
- Chaplin, W. J., Lund, M. N., Handberg, R., et al., “Asteroseismology of Solar-Type Stars with K2: Detection of Oscillations in CI Data”, 2015PASP...127.1038C ADS
- Roxburgh, I. W., “A note on the use of surface offset corrections in asteroseismic model fitting”, 2015A&A...581A...58R ADS
- Ouazzani, R. M., Roxburgh, I. W., & Dupret, M. A., “Pulsations of rapidly rotating stars. II. Realistic modelling for intermediate-mass stars”, 2015A&A...579A.1160 ADS
- Roxburgh, I. W., “Surface layer independent model fitting by phase matching: theory and application to HD 49933 and HD 177153 (aka Perky)”, 2015A&A...574A...45R ADS
- Rauer, H., Catala, C., Aerts, C., et al., “The PLATO 2.0 mission”, 2014ExA...38...249R ADS
- Roxburgh, I. W., “On the use of the average large separation in surface layer independent model fitting and mass estimation”, 2014A&A...571A...88R ADS
- Boumier, P., Benomar, O., Baudin, F., et al., “Seismic analysis of HD 43587Aa, a solar-like oscillator in a multiple system”, 2014A&A...564A...34B ADS
- Roxburgh, I. W., “Seismological Diagnostics for Solar-like Stars”, 2014arXiv1402.1391R ADS
- Mathur, S., Bruntt, H., Catala, C., et al., “Asteroseismic Analysis of the CoRoT Target HD 169392”, 2013ASPC...479...155M ADS
- Roxburgh, I. W. & Vorontsov, S. V., “On the use of the ratio of small to large separations in asteroseismic model fitting”, 2013A&A...560A...2R ADS
- Gizon, L., Ballot, J., Michel, E., et al., “Seismic constraints on rotation of Sun-like star and mass of exoplanet”, 2013PNAS...11013267G ADS
- Barban, C., Deheuvels, S., Goupil, M. J., et al., “Solar-like oscillations in distant stars as seen by CoRoT: the special case of HD 42618, a solar sister”, 2013JPhCS.440a2030B ADS
- Bruntt, H., Basu, S., Smalley, B., et al., “VizieR Online Data Catalog: Abundances of 93 solar-type Kepler targets (Bruntt+, 2012)”, 2013yCat...74230122B ADS
- Ouazzani, R.-M., Roxburgh, I. W., & Dupret, M.-A., “Pulsations of rapidly rotating evolved stars”, 2013arXiv1301.24960 ADS
- Mathur, S., Bruntt, H., Catala, C., et al., “Study of HD 169392A observed by CoRoT and HARPS”, 2013A&A...549A...12M ADS
- Ouazzani, R. M., Dupret, M. A., Roxburgh, I. W., & Goupil, M. J., “Pulsations of an Evolved Self-consistently Distorted Star”, 2012ASPC...462...4020 ADS
- Bonaca, A., Tanner, J. D., Basu, S., et al., “Calibrating Convective Properties of Solar-like Stars in the Kepler Field of View”, 2012ApJ...755L...12B ADS
- Bruntt, H., Basu, S., Smalley, B., et al., “Accurate fundamental parameters and detailed abundance patterns from spectroscopy of 93 solar-type Kepler targets”, 2012MNRAS.423...122B ADS
- Verner, G. A., Chaplin, W. J., Basu, S., et al., “Verification of the Kepler Input Catalog from Asteroseismology of Solar-type Stars”, 2011ApJ...738L...28V ADS
- Verner, G. A., Elsworth, Y., Chaplin, W. J., et al., “Global asteroseismic properties of solar-like oscillations observed by Kepler: a comparison of complementary analysis methods”, 2011MNRAS.415.3539V ADS
- Balona, L. A., Pigulski, A., De Cat, P., et al., “Kepler observations of the variability in B-type stars”, 2011MNRAS.413.2403B ADS
- Ballot, J., Gizon, L., Samadi, R., et al., “Accurate p-mode measurements of the GOV metal-rich CoRoT target HD 52265”, 2011A&A...530A...97B ADS
- Chaplin, W. J., Bedding, T. R., Bonanno, A., et al., “Evidence for the Impact of Stellar Activity on the Detectability of Solar-like Oscillations Observed by Kepler”, 2011ApJ...732L...5C ADS
- Chaplin, W. J., Kjeldsen, H., Bedding, T. R., et al., “Predicting the Detectability of Oscillations in Solar-type Stars Observed by Kepler”, 2011ApJ...732...54C ADS
- Verner, G. A. & Roxburgh, I. W., “A power-spectrum autocorrelation technique to detect global asteroseismic parameters”, 2011arXiv1104.0631V ADS
- Stello, D., Basu, S., Bedding, T. R., et al., “Solar-like oscillations in cluster stars”, 2010AN...331...985S ADS
- Karoff, C., Chaplin, W. J., Appourchaux, T., et al., “Asteroseismology of solar-type stars with Kepler I: Data analysis”, 2010AN...331...972K ADS
- Metcalf, T. S., Monteiro, M. J. P. F. G., Thompson, M. J., et al., “A Precise Asteroseismic Age and Radius for the Evolved Sun-like Star KIC 11026764”, 2010ApJ...723.1583M ADS
- Catala, C., Arentoft, T., Fridlund, M., et al., “PLATO: PLANetary Transits and Oscillations of Stars - The Exoplanetary System Explorer”, 2010ASPC...430...260C ADS
- Roxburgh, I. W., “Asteroseismology of solar and stellar models”, 2010Ap&SS.328...3R ADS
- Mathur, S., García, R. A., Catala, C., et al., “The solar-like CoRoT target HD 170987: spectroscopic and seismic observations”, 2010A&A...518A...53M ADS
- Deheuvels, S., Bruntt, H., Michel, E., et al., “Seismic and spectroscopic characterization of the solar-like pulsating CoRoT target HD 49385”, 2010A&A...515A...87D ADS
- Stello, D., Basu, S., Bruntt, H., et al., “Detection of Solar-like Oscillations from Kepler Photometry of the Open Cluster NGC 6819”, 2010ApJ...713L.182S ADS
- Bedding, T. R., Huber, D., Stello, D., et al., “Solar-like Oscillations in Low-luminosity Red Giants: First Results from Kepler”, 2010ApJ...713L.176B ADS
- Chaplin, W. J., Appourchaux, T., Elsworth, Y., et al., “The Asteroseismic Potential of Kepler: First Results for Solar-Type Stars”, 2010ApJ...713L.169C ADS
- Benomar, O., Baudin, F., Campante, T. L., et al., “A fresh look at the seismic spectrum of HD49933: analysis of 180 days of CoRoT photometry”, 2009A&A...507L...13B ADS
- Roxburgh, I. W., “Narrow frequency-windowed autocorrelations as a diagnostic of solar-like stars”, 2009A&A...506...435R ADS
- Barban, C., Deheuvels, S., Baudin, F., et al., “Solar-like oscillations in HD 181420: data analysis of 156 days of CoRoT data”, 2009A&A...506...51B ADS
- García, R. A., Régulo, C., Samadi, R., et al., “Solar-like oscillations with low amplitude in the CoRoT target HD 181906”, 2009A&A...506...41G ADS
- Mosser, B., Michel, E., Appourchaux, T., et al., “The CoRoT target HD 175726: an active star with weak solar-like oscillations”, 2009A&A...506...33M ADS

- Polnarev, A. G., Roxburgh, I. W., & Baskaran, D., “Response of a spaceborne gravitational wave antenna to solar oscillations”, 2009PhRvD.79h2001P ADS
- Nobili, A. M., Comandi, G. L., Doravari, S., et al., “Galileo Galilei” (GG) a small satellite to test the equivalence principle of Galileo, Newton and Einstein”, 2009ExA...23...689N ADS
- Roxburgh, I. W., “Small separations and phase shift differences of  $\ell = 0, 1$   $p$ -modes”, 2009A&A...493..185R ADS
- Michel, E., Baglin, A., Weiss, W. W., et al., “First asteroseismic results from CoRoT”, 2008CoAst.156...73M ADS
- Michel, E., Baglin, A., Auvergne, M., et al., “CoRoT Measures Solar-Like Oscillations and Granulation in Stars Hotter Than the Sun”, 2008Sci...322..558M ADS
- Appourchaux, T., Michel, E., Auvergne, M., et al., “CoRoT sounds the stars:  $p$ -mode parameters of Sun-like oscillations on HD 49933”, 2008A&A...488..705A ADS
- Moya, A., Christensen-Dalsgaard, J., Charpinet, S., et al., “Inter-comparison of the  $g$ -,  $f$ - and  $p$ -modes calculated using different oscillation codes for a given stellar model”, 2008Ap&SS.316..231M ADS
- Lebreton, Y., Montalbán, J., Christensen-Dalsgaard, J., Roxburgh, I. W., & Weiss, A., “CoRoT/ESTAS TASK 1 and TASK 3 comparison of the internal structure and seismic properties of representative stellar models. Comparisons between the ASTEC, CESAM, CLES, GARSTEC and STAROX codes”, 2008Ap&SS.316..187L ADS
- Roxburgh, I. W., “The OSCROX stellar oscillation code”, 2008Ap&SS.316..141R ADS
- Roxburgh, I. W., “The STAROX stellar evolution code”, 2008Ap&SS.316...75R ADS
- Lebreton, Y., Monteiro, M. J. P. F. G., Montalbán, J., et al., “The CoRoT evolution and seismic tools activity. Goals and tasks”, 2008Ap&SS.316...1L ADS
- Roxburgh, I. W., “Sir Hermann Bondi KCB”, 2007BMFRS...53...45R ADS
- Roxburgh, I. W. & Vorontsov, S. V., “Acoustic wave reflection by stellar cores: can it be seen in the autocorrelation function of  $p$ -mode measurements?”, 2007MNRAS.379..801R ADS
- Bedding, T. R., Brun, A. S., Christensen-Dalsgaard, J., et al., “Joint Discussion 17 Highlights of recent progress in the seismology of the Sun and Sun-like stars”, 2007HiA...14..491B ADS
- “Convection in Astrophysics (IAU S239)”, 2007IAUS...239...K ADS
- Roxburgh, I., Catala, C., & PLATO Consortium, “The PLATO mission concept”, 2007CoAst.150..357R ADS
- Roxburgh, I. W., “Round table discussion of session F: convection and rotation”, 2007IAUS...239..443R ADS
- Roxburgh, I. W. & Kupka, F., “Mixing length model of convection in stellar cores”, 2007IAUS...239..98R ADS
- Roxburgh, I. W. & Kupka, F., “Reynolds stress models of convection in convective cores”, 2007IAUS...239..77R ADS
- Roxburgh, I. W., “The Quest for a European Space Mission in Stellar Seismology and Planet Finding”, 2006ESASP1306..521R ADS
- Provost, J., Berthomieu, G., Gonczi, G., et al., “Seismic Determination of Stellar Parameters”, 2006ESASP1306..443P ADS
- Appourchaux, T., Berthomieu, G., Michel, E., et al., “Evaluation of the Scientific Performances for the Seismology Programme”, 2006ESASP1306..429A ADS
- Appourchaux, T., Berthomieu, G., Michel, E., et al., “Data Analysis Tools for the Seismology Programme”, 2006ESASP1306..377A ADS
- Monteiro, M. J. P. F. G., Lebreton, Y., Montalbán, J., et al., “Report on the CoRoT Evolution and Seismic Tools Activity”, 2006ESASP1306..363M ADS
- Fridlund, M., Roxburgh, I., Favata, F., & Volonté, S., “The European Space Agency’s Science Program and CoRoT”, 2006ESASP1306..135F ADS
- Michel, E., Baglin, A., Auvergne, M., et al., “The Seismology Programme of CoRoT”, 2006ESASP1306...39M ADS
- Turck-Chièze, S., Schmutz, W., Thuillier, G., et al., “The DynaMICS perspective”, 2006ESASP.624E..24T ADS
- Roxburgh, I. W. & Catala, C., “PLATO: PLANetary Transits and Oscillations of stars”, 2006IAUJD...17E..32R ADS
- Roxburgh, I. W. & Baglin, A., “The CoRoT mission: Asteroseismology and Planet Finding”, 2006IAUJD...17E..31R ADS
- Roxburgh, I. W., “2-dimensional models of rapidly rotating stars. II. Hydrostatic and acoustic models with  $\Omega = \Omega(r, \theta)$ ”, 2006A&A...454..883R ADS
- Roxburgh, I. W. & Vorontsov, S. V., “The autocorrelation function of stellar  $p$ -mode measurements and its diagnostic properties”, 2006MNRAS.369.1491R ADS
- Turck-Chièze, S., Schmutz, W., Thuillier, G., et al., “The EUV Variability Experiment (EVE) on the Solar Dynamics Observatory (SDO): Science Plan and Instrument Overview”, 2006ESASP.617E.165W ADS
- Turck-Chièze, S., Schmutz, W., Thuillier, G., et al., “Scientific Objectives of the Novel Formation Flying Mission Aspiqs”, 2006ESASP.617E.164L ADS
- Turck-Chièze, S., Schmutz, W., Thuillier, G., et al., “The Dynamics Project”, 2006ESASP.617E.162T ADS
- Catala, C., Aerts, C., Aigrain, S., et al., “The life of stars and their planets”, 2005ESASP.588...99C ADS
- Roxburgh, I. W., “The ratio of small to large separations of stellar  $p$ -modes”, 2005A&A...434..665R ADS
- Roxburgh, I. W., “2-dimensional models of rapidly rotating stars I. Uniformly rotating zero age main sequence stars”, 2004A&A...428..171R ADS
- Roxburgh, I. & Favata, F., “The Eddington Mission”, 2004IAUS...215..323R ADS
- Deeg, H. J., Horne, K., Favata, F., et al., “Planet Detection Capabilities of the Eddington Mission”, 2004IAUS...202..448D ADS
- Roxburgh, I. W. & Vorontsov, S. V., “The scattering of acoustic waves by a stellar core as seen in the small frequency separations”, 2004ESASP.538..403R ADS
- Kholikov, S. S., Roxburgh, I. W., & Vorontsov, S. V., “Small frequency separations as seen in the autocorrelation function of the whole-disk measurements”, 2004ESASP.538..331K ADS
- Catala, C., Aricha, A., Boulade, O., et al., “Science requirements and their translation into instrumental design”, 2004ESASP.538...39C ADS
- Roxburgh, I. W., “Eddington and the internal constitution of the stars”, 2004ESASP.538...23R ADS
- Roxburgh, I. W. & Vorontsov, S. V., “The ratio of small to large separations of acoustic oscillations as a diagnostic of the interior of solar-like stars”, 2003A&A...411..215R ADS
- Busca, G., Bernier, L. G., Schweda, H., et al., “The cronos hydrogen maser clock redshift experiment on Radioastron”, 2003AdSpR...32.1421B ADS
- Roxburgh, I., “The Eddington Mission”, 2003Ap&SS.285..363R ADS
- Samadi, R., Nordlund, Å., Stein, R. F., Goupil, M. J., & Roxburgh, I., “Numerical 3D constraints on convective eddy time-correlations: Consequences for stochastic excitation of solar  $p$  modes”, 2003A&A...404.1129S ADS
- Samadi, R., Nordlund, Å., Stein, R. F., Goupil, M. J., & Roxburgh, I., “Numerical constraints on the model of stochastic excitation of solar-type oscillations”, 2003A&A...403..303S ADS
- Roxburgh, I., Favata, F., Baglin, A., & Christensen-Dalsgaard, J., “The European Ultra-High Precision Stellar Photometry Road Map for Asteroseismology and Planet Finding”, 2003acfp.conf..479R ADS
- Mazumdar, A. & Roxburgh, I., “The Asteroseismic Diagram for  $=0,1$   $p$ -modes”, 2003aahd.conf..477M ADS
- Samadi, R., Nordlund, Å., Stein, R. F., Goupil, M. J., & Roxburgh, I., “Characterizing the Dynamic Properties of the Solar Turbulence with 3-D Simulations: Consequences in Term of  $p$ -mode Excitation”, 2003IAUS...210P..C2S ADS
- Roxburgh, I. & Vorontsov, S., “Diagnostics of the Internal Structure of Stars using the Differential Response Technique”, 2003Ap&SS.284..187R ADS
- Roxburgh, I. & Favata, F., “The Eddington Mission”, 2003Ap&SS.284...17R ADS
- Samadi, R., Nordlund, Å., Stein, R. F., Goupil, M. J., & Roxburgh, I., “Consequences of the non gaussian character of the stochastic excitation for solar-type oscillations”, 2002sf2a.conf..489S ADS
- Favata, F., Roxburgh, I. W., & Giménez, A., “Preface (Stellar structure and habitable planet finding)”, 2002ESASP.485D...3F ADS
- Roxburgh, I. W. & Vorontsov, S. V., “Probing the solar core with low-degree  $p$  modes”, 2002ESASP.485..349R ADS
- Roxburgh, I. W. & Vorontsov, S. V., “Semiclassical analysis of stellar  $p$  modes”, 2002ESASP.485..345R ADS
- Roxburgh, I. W. & Vorontsov, S. V., “Inversion for the structure of a star of  $1.45 M_{\text{sun}}$  using the internal phase shift”, 2002ESASP.485..341R ADS
- Roxburgh, I. W. & Vorontsov, S. V., “Inversion for a  $0.8 M_{\text{sun}}$  star using differential-response technique”, 2002ESASP.485..337R ADS
- Roxburgh, I. W., “The tools of asteroseismology”, 2002ESASP.485...75R ADS
- Roxburgh, I. W., “Background to the Eddington mission”, 2002ESASP.485...11R ADS
- “Stellar structure and habitable planet finding”, 2002ESASP.485...B ADS
- Roxburgh, I. W., “Gravitational multipole moments of the Sun determined from helioseismic estimates of the internal structure and rotation”, 2001A&A...377..688R ADS
- Turck-Chièze, S., Couvidat, S., Kosovichev, A. G., et al., “Solar Neutrino Emission Deduced from a Seismic Model”, 2001ApJ...555L..69T ADS
- Roxburgh, I. W., Polnarev, A. G., Giampieri, G., & Vorontsov, S. V., “Response of a Spaceborn Gravitational Wave Antenna to Solar Oscillations”, 2001astro.ph..3472R ADS
- Roxburgh, I. W. & Vorontsov, S. V., “Semiclassical approximation for low-degree stellar  $p$  modes - III. Acoustic resonances and diagnostic properties of the oscillation frequencies”, 2001MNRAS.322...85R ADS
- Marchenkov, K. I., Roxburgh, I. W., Vorontsov, S. V., et al., “Non linear inversion for the sound speed in the solar interior using BiSON and SOI/MDI  $p$ -mode frequencies”, 2001ESASP.464..531M ADS

- Singh, H. P., Saikia, E., Roxburgh, I. W., Chan, K. L., & Srivastava, M. P., "Numerical Simulation of Penetrative Convection above a Stellar Convection Zone (CD-ROM Directory: contribs/singh)", 2001ASPC...223...874S ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Semiclassical approximation for low-degree stellar  $p$  modes - II. Classical ray tracing", 2000MNRAS.317...151R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Semiclassical approximation for low-degree stellar  $p$  modes - I. The classical eigenfrequency equation", 2000MNRAS.317...141R ADS
- Nobili, A. M., Bramanti, D., Polacco, E., et al., "'Galileo Galilei' (GG) small-satellite project: an alternative to the torsion balance for testing the equivalence principle on Earth and in space", 2000CQGra...17.2347N ADS
- Favata, F., Roxburgh, I., & Christensen-Dalsgaard, J., "Eddington: a proposal to ESA for asteroseismology and planet-finding", 2000mons.proc...49F ADS
- Catala, C., Bouret, J. C., Butler, J., et al., "Fundamental parameters of COROT seismology targets", 2000mons.proc...37C ADS
- Singh, H. P., Roxburgh, I. W., & Chan, K. L., "Convective overshooting in stellar interiors", 2000BASI...28...81S ADS
- Marchenkov, K., Roxburgh, I., & Vorontsov, S., "Non-linear inversion for the hydrostatic structure of the solar interior", 2000MNRAS.312...39M ADS
- Saikia, E., Singh, H. P., Chan, K. L., Roxburgh, I. W., & Srivastava, M. P., "Examination of Scaling Relationships Involving Penetration Distance at the Bottom of a Stellar Convective Envelope", 2000ApJ...529...402S ADS
- Roxburgh, I. W. & Stockman, L. M., "Power series solutions of the polytropic equations", 1999MNRAS.303...466R ADS
- Polnarev, A. G., Giampieri, G., Roxburgh, I. W., Vorontsov, S., & Martchenkov, K., "Response of a Spaceborn Gravitational Wave Antenna to Solar Oscillations", 1999magr.meet.1118P ADS
- Roxburgh, I. W. & COROT Team, "COROT: Seismology of Stars", 1999ASPC...173...357R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Asteroseismological Constraints on Stellar Convective Cores", 1999ASPC...173...257R ADS
- Roxburgh, I. W., "Convective Penetration in Main Sequence Stars", 1999ASPC...173...103R ADS
- Singh, H. P., Roxburgh, I. W., & Chan, K. L., "A study of penetration at the bottom of a stellar convective envelope and its scaling relationships", 1998A&A...340...178S ADS
- Nobili, A. M., Bramanti, D., Catastini, G., et al., "Proposed non-cryogenic, nondrag-free test of the equivalence principle in space", 1998NewA...3...175N ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Asymptotic description and the diagnostic properties of low-degree stellar  $p$ -modes", 1998IAUS...185...391R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "On the formation of line profiles of solar  $p$ -modes", 1998IAUS...185...229R ADS
- Singh, H. P., Roxburgh, I. W., & Chan, K. L., "Numerical simulation of penetrative convection - a parametric study", 1998IAUS...185...123S ADS
- Marchenkov, K., Roxburgh, I., & Vorontsov, S., "Nonlinear inversion for the hydrostatic structure of the solar interior", 1998IAUS...185...117M ADS
- Roxburgh, I. W., "Stellar Convective Cores", 1998IAUS...185...73R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Semiclassical Approximation of Low-Degree Stellar  $p$  Modes", 1998ESASP.418...527R ADS
- Marchenkov, K. I., Roxburgh, I. W., & Vorontsov, S. V., "Nonlinear Iterative Inversion for the Hydrostatic Structure of the Solar Interior", 1998ESASP.418...491M ADS
- Roxburgh, I. W., "After Dinner Poster Paper", 1998Ap&SS.261...213R ADS
- Roxburgh, I. W., "Helioseismic Constraints on Solar Structure and the Solar Neutrino Problem", 1998Ap&SS.261...57R ADS
- Roxburgh, I. W., "Steady Convection in Deep Compressible Layers", 1998Ap&SS.261...55R ADS
- Singh, H. P., Roxburgh, I. W., & Chan, K. L., "A Parametric Study of 3-D Simulation of Penetrative Convection", 1998Ap&SS.261...53S ADS
- Marchenkov, K. I., Roxburgh, I. W., & Vorontsov, S. V., "Non Linear Inversion for the Hydrostatic Structure of the Solar Interior", 1998Ap&SS.261...51M ADS
- Roxburgh, I. W., "Convective Overshooting and Mixing in Stellar Evolution", 1998Ap&SS.261...43R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Line Profiles of Solar  $P$ -Modes", 1998Ap&SS.261...39R ADS
- Roxburgh, I. W., "Helioseismic Constraints on the Solar Core", 1998Ap&SS.261...37R ADS
- Giampieri, G., Polnarev, A., Roxburgh, I., & Vorontsov, S., "The Effect of Solar Oscillations on Space Gravitational Wave Experiments", 1998Ap&SS.261...35G ADS
- Roxburgh, I. W. & Vorontsov, S. V., "On the Diagnostic Properties of Low Degree Acoustic Modes", 1998Ap&SS.261...21R ADS
- Roxburgh, I. W., "COROT: Seismology of Stars", 1998Ap&SS.261...19R ADS
- Roxburgh, I. W. & Thompson, M. J., "Space Asteroseismology on Later-type Stars", 1998Ap&SS.261...13R ADS
- Roxburgh, I. W., "Convective overshooting and stellar evolution", 1998ASPC...138...411R ADS
- Singh, H. P., Roxburgh, I. W., & Chan, K. L., "Numerical simulation of penetrative convection - verifying the scaling relation between penetration distance and the vertical velocity", 1998ASPC...138...313S ADS
- Roxburgh, I., "Convective Overshooting and Mixing", 1997ASL...225...23R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "On the formation of spectral line profiles of solar  $P$  modes", 1997MNRAS.292L...33R ADS
- Spallicci, A., Brillet, A., Busca, G., et al., "Experiments on fundamental physics on the space station", 1997CQGra...14.2971S ADS
- Singh, H. P., Roxburgh, I. W., & Chan, K. L., "Numerical simulation of penetrative convection", 1996BASI...24...281S ADS
- Roxburgh, I. W., "Solar astrophysics: an overview", 1996BASI...24...89R ADS
- Christensen-Dalsgaard, J., Dappen, W., Ajukov, S. V., et al., "The Current State of Solar Modeling", 1996Sci...272.1286C ADS
- Badiali, M., Catala, C., Favata, F., et al.: 1996, STARS - Seismic Telescope for Astrophysical Research from Space. Report on the phase A study. 1996star.book...B ADS
- Roxburgh, I. W. & Vorontsov, S. V., "An asymptotic description of solar acoustic oscillation of low and intermediate degree", 1996MNRAS.278...940R ADS
- Roxburgh, I. W.: 1996, (Erratum) Limits on convective penetration from stellar cores., Astronomy and Astrophysics, v.306, p.336 1996A&A...306...336R ADS
- Spallicci, A., Brillet, A., Busca, G., et al., "Gravitation experiment payloads for non dedicated space missions. Report of the Columbus Metrology and Gravitation Science Team", 1996step.symp...382S ADS
- Badiali, M., Catala, C., Favata, F., et al., "STARS: Seismic Telescope for Astrophysical Research from Space", 1996ESADS...4...1B ADS
- Ocaña, G. & Roxburgh, I. W., "On the Transport of Angular Momentum in Magnetic Stellar Interiors", 1996ApL&C...34...290 ADS
- Polnarev, A. G. & Roxburgh, I. W., "Upper limits on the cosmological gravitational wave background and maser clocks in space", 1995GrGr...27...379P ADS
- Singh, H. P., Roxburgh, I. W., & Chan, K. L., "Three-dimensional simulation of penetrative convection: penetration below a convection zone.", 1995A&A...295...703S ADS
- Roxburgh, I. W. & Vorontsov, S. V., "An asymptotic description of solar acoustic oscillations with an elementary excitation source", 1995MNRAS.272...850R ADS
- Roxburgh, I. W., "Overshooting from convective cores", in I. W. Roxburgh and J.-L. Masnou (Eds.), Particle Physics and Astrophysics, Vol. 458, 239 1995LNP...458...239R ADS
- Roxburgh, I. W. & Masnou, J.-L.: 1995, Physical Processes in Astrophysics, Vol. 458 1995LNP...458...R ADS
- Roxburgh, I. W., Simmons, J., Singh, H. P., & Vorontsov, S. V., "Convective Penetration in Stars (Abstract)", 1995LIACo...32...231R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Simulated Power Spectra of Solar-Type Oscillations Driven by an Elementary Excitation Source", 1995ASPC...83...111R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Quasi-Asymptotic Description of Adiabatic Acoustic Oscillations", 1995ASPC...76...370R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Synthetic  $p$ -Mode Power Spectra with an Elementary Excitation Source", 1995ASPC...76...362R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Seismology of the Solar Envelope - the Base of the Convective Zone as Seen in the Phase Shift of Acoustic Waves", 1994MNRAS.268...880R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "The Asymptotic Theory of Stellar Acoustic Oscillations - a Fourth-Order Approximation for Low-Degree Modes", 1994MNRAS.268...143R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "The seismology of stellar cores: a simple theoretical description of the small frequency separations.", 1994MNRAS.267...297R ADS
- , "IRIS VI", 1994iris.conf....G ADS
- Roxburgh, I. W., "Overshooting from convective cores: theory and numerical simulation.", 1994ems.conf...299R ADS
- Singh, H. P., Roxburgh, I. W., & Chan, K. L., "Three-dimensional simulation of penetrative convection-penetration above a convection zone", 1994A&A...281L...73S ADS
- Spallicci, A., Brillet, A., Busca, G., et al., "Equivalence principle, constant of gravitation, special and general relativity experiments in the COLUMBUS space programme", 1993CQGra...10S.259S ADS
- Roxburgh, I. W., "On the Structure and Secular Stability of Plane-Parallel Stellar Objects", 1993MNRAS.264...636R ADS

- Durney, B. R., De Young, D. S., & Roxburgh, I. W., "On the Generation of the Large-scale and Turbulent Magnetic Fields in the Solar Type Stars", 1993SoPh. .145. .207D ADS
- Roxburgh, I. W., "Overshooting from convective cores: Theory and numerical simulation", 1993SSRv. .66. .299R ADS
- Roxburgh, I. W., "Post Newtonian limit of Finsler space theories of gravity and solar system tests.", 1993rges.conf. .500R ADS
- Roxburgh, I. W., "The Phase Shift of Low L-Modes due to the Helium Ionisation Zone and the Base of the Convective Envelope", 1993ASPC. .42. .173R ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Seismology of the Solar Envelope - the Base of the Convective Zone as Seen in the Phase Shift of Acoustic Waves", 1993ASPC. .42. .169R ADS
- Narasimha, D. & Roxburgh, I. W., "Convective Overshooting in Stars", 1993ASPC. .42. .73N ADS
- Brown, T. M., Demarque, P., Noyes, R., et al., "Key issues - A round table discussion", 1993ASPC. .40. .776B ADS
- Roxburgh, I. W. & Vorontsov, S. V., "Asymptotic theory of low-degree stellar acoustic oscillations", 1993ASPC. .40. .535R ADS
- Roxburgh, I. W. & Simmons, J., "Integral Constraints On Convective Overshooting - Two-Dimensional Numerical Studies", 1993ASPC. .40. .290R ADS
- Roxburgh, I. W., "Limits on convective penetration from stellar cores", 1992A&A. .266. .291R ADS
- Roxburgh, I. W., "Post-Newtonian limit of Finsler space theories of gravity and solar system tests", 1992GrGr. .24. .419R ADS
- Brillet, A., Busca, G., Fuligni, F., et al., "Proceedings of Columbus Metrology Science Team", 1991cms2.meet. . .1B ADS
- Brillet, A., Busca, G., Fuligni, F., et al., "Proceedings of Columbus Metrology Science Team", 1991cms1.meet. . .1B ADS
- Roxburgh, I. W., "Finsler spaces with Riemannian geodesics", 1991GrGr. .23. 1071R ADS
- Roxburgh, I. W., "Challenges to Theories of the Structure of Moderate-Mass Stars", in D. Gough and J. Toomre (Eds.), Challenges to Theories of the Structure of Moderate-Mass Stars, Vol. 388, 411 1991LNP. . .388. .411R ADS
- Roxburgh, I. W., "Comparison of Solar Models with Los Alamos and Livermore Opacities", in D. Gough and J. Toomre (Eds.), Challenges to Theories of the Structure of Moderate-Mass Stars, Vol. 388, 57 1991LNP. . .388. .57R ADS
- Roxburgh, I. W. & Monteiro, M., "Convective Cores in Stellar Models", in I. Tuominen, D. Moss, and G. Rüdiger (Eds.), IAU Colloq. 130: The Sun and Cool Stars. Activity, Magnetism, Dynamos, Vol. 380, 95-97 1991LNP. . .380. .95R ADS
- Roxburgh, I. W., "Angular Momentum Transport Rotational Instabilities Magnetic Fields and Mixing", 1991ASIC. .340. .365R ADS
- Roxburgh, I. W., "Differential Rotation of Fully Convective Pre-Main Sequence Stars", 1991ASIC. .340. .83R ADS
- Roxburgh, I. W., "Variability in the Solar Output", 1990RSPTA. 330. .641R ADS
- Roxburgh, I. W., "Variability in the solar output.", 1990ecvs.conf. .641R ADS
- Nobili, A. M., Milani, A., Polacco, E., et al., "The Newton mission - a proposed manmade planetary system in space to measure the gravitational constant.", 1990ESAJ. .14. .389N ADS
- Roxburgh, I. W., "Integral constraints on convective overshooting", 1989A&A. .211. .361R ADS
- Roxburgh, I. W., "Future research on close binaries.", 1988covp.conf. .469R ADS
- Roxburgh, I. W., "Problems of the Solar Interior", 1987ASSL. .137. . .1R ADS
- Nobili, A. & Roxburgh, I. W., "Simulation of General Relativistic Corrections in Longterm Numerical Integrations of Planetary Orbits", 1986IAUS. .114. .105N ADS
- Roxburgh, I. W., "Finite amplitude limit of the  $^3\text{He}$  instability.", 1986ASIC. .169. .265R ADS
- Roxburgh, I. W., "The internal rotation of the Sun.", 1986ASIC. .169. .249R ADS
- Roxburgh, I. W., "Sound speed in the interior of solar models", 1986ASIC. .169. .121R ADS
- Roxburgh, I. W., "Present Problems of the Solar Interior", 1985SoPh. .100. . .21R ADS
- Roxburgh, I. W., "Report of IAU Commission 49: The interplanetary plasma and the heliosphere (Plasma interplanétaire et l'héliosphère).", 1985IAUTA. .19. .697R ADS
- Roxburgh, I. W., "Instabilities, mixing and solar neutrinos", 1985AIPC. .126. . .88R ADS
- Roxburgh, I. W., "Rotational instabilities in the solar interior turbulent diffusion and the solar neutrino problem", 1984MmSAI. .55. .273R ADS
- Gill, R. S. & Roxburgh, I. W., "Magnetic Fields and Angular Momentum Loss", 1984srps.conf. .335G ADS
- Roxburgh, I. W., "On Turbulent Mixing", 1984IAUS. .105. .519R ADS
- Roxburgh, I. W., "On the Tassoul Approximation Scheme for Determining the Structure of Rotating Stars", 1984IAUS. .105. .517R ADS
- Roxburgh, I. W., "Space experiments in relativity and gravitation.", 1984ESASP1070. . .84R ADS
- Spruit, H. C., Knobloch, E., & Roxburgh, I. W., "Internal rotation of the Sun", 1983Natur. 304. .520S ADS
- Roxburgh, I. W., "Stellar winds and spindown in solar type stars", 1983IAUS. .102. .449R ADS
- Rowse, D. P., Roxburgh, I. W., & Schwartz, S. J., "Microinstabilities and Models of the Solar Wind", 1981SoPh. .74. .179R ADS
- Rowse, D. P. & Roxburgh, I. W., "Solutions of the Two-Fluid Solar Wind Equations - Adiabatic and Conduction Dominated Solutions", 1981SoPh. .74. .169R ADS
- Rowse, D. P. & Roxburgh, I. W., "Modelling Coronal Magnetic Fields", 1981SoPh. .74. .165R ADS
- Roxburgh, I. W., "Solar Neutrinos", 1981IrAJ. .15. .106R ADS
- Roxburgh, I. W. & Jordan, C., "Solar physics at Oxford", 1981Natur. 292. .194R ADS
- Roxburgh, I. W., "The Solar Neutrino Problem", 1981suc1.conf. .269R ADS
- Roxburgh, I. W., "Long Term Variations of the Solar Constant", 1981suc1.conf. .261R ADS
- Roxburgh, I. W., "The solar neutrino problem.", 1981ASIC. .68. .399R ADS
- Roxburgh, I. W., "Internal structure of the sun and stars.", 1981ASIC. .68. .59R ADS
- Belvedere, G., Paterno, L., & Roxburgh, I. W., "A 'fast' model of the solar convection zone", 1980A&A. . .91. .356B ADS
- Schwartz, S. J. & Roxburgh, I. W., "Instabilities in the Solar Wind", 1980RSPTA. 297. .555S ADS
- Roxburgh, I. W. & Tavakol, R. K., "The origin of supergranulation and giant cells in the solar convective zone.", 1979SoPh. .61. .247R ADS
- Roxburgh, I. W. & Tavakol, R. K., "Non-Riemann geometrizable effects in the gravitational one-body problem.", 1979GrGr. .10. .307R ADS
- Roxburgh, I. W., "The internal structure of the sun and solar type stars.", 1979psa. .conf. .243R ADS
- Roxburgh, I. W., "European Space Agency studies of the solar probe", 1978clus.nasa. .556R ADS
- Roxburgh, I. W., "The importance of determining the solar quadrupole moment", 1978clus.nasa. .11R ADS
- Roxburgh, I. W., "Convection and stellar structure.", 1978A&A. . .65. .281R ADS
- Roxburgh, I. W. & Williams, P. S., "The Structure of Close Binaries", 1978Ap&SS. .54. .199R ADS
- Roxburgh, I. W., "Solar Neutrinos and the Solar Interior", 1978sfsn.conf. .207R ADS
- Schwartz, S. J. & Roxburgh, I. W., "Microturbulence and the Solar Wind", 1978pfs1.conf. .317S ADS
- Tavakol, R. K. & Roxburgh, I. W., "Multicell Convection in the Solar Envelope", 1978pfs1.conf. .63T ADS
- Roxburgh, I. W., "The Solar Interior", 1978pfs1.conf. .21R ADS
- Roxburgh, I. W., "Origin of planetary nebulae", 1978IAUS. .76. .295R ADS
- Roxburgh, I. W., "Cosmological solutions of the mass integral formulation of general relativity.", 1977MNRAS. 181. .637R ADS
- Smith, B. L. & Roxburgh, I. W., "Meridional circulation in the surface layers of rotating stars.", 1977A&A. . .61. .747S ADS
- Roxburgh, I. W., "Large number hypothesis and continuous creation cosmologies", 1977Natur. 268. .504R ADS
- Singer, C. E. & Roxburgh, I. W., "The onset of microinstability and its consequences in the solar wind", 1977JGR. . .82. 2677S ADS
- Roxburgh, I. W., "Christmas Lecture: Is the Universe Unique?", 1977JBAA. .87. .341R ADS
- Weightman, J. A. & Roxburgh, I. W., "Testing Relativity and Gravitational Theories by Radar Ranging to a Heliocentric Satellite: Discussion", 1977RSPTA. 284. .593W ADS
- Roxburgh, I. W., "Testing Relativity and Gravitational Theories by Radar Ranging to a Heliocentric Satellite", 1977RSPTA. 284. .589R ADS
- Roxburgh, I. W., "Nonlinear Lagrangian theories of gravity.", 1977GrGr. . .8. .219R ADS
- Roxburgh, "Dirac's continuous creation cosmology and the temperature of the Earth (reply)", 1977Natur. 265. .763R ADS
- Roxburgh, I. W., "Theories of Gravitation and the Solar System", 1977grec.conf. .171R ADS
- Durrant, C. J. & Roxburgh, I. W., "Solar Interior", 1977ASSL. . .69. . .1D ADS

- Williams, P. S. & Roxburgh, I. W., "The stability of low mass contact binaries.", 1976MNRAS.176...81W [ADS](#)
- Roxburgh, I. W., "Dirac's continuous creation cosmology and the temperature of the Earth", 1976Natur.261..301R [ADS](#)
- Roxburgh, I. W., "The Internal Structure of the Sun and Solar Type Stars", 1976IAUS...71..453R [ADS](#)
- Roxburgh, I. W. & Williams, I. P., "The Dogon tribe and Sirius", 1975Obs...95..215R [ADS](#)
- Roxburgh, I. W. & Singer, C., "On the Effect of Latitude Dependent Base Conditions on the Structure of the Solar Wind", 1975SoPh...41..241R [ADS](#)
- Roxburgh, I. W. & Tavakol, R., "The gravitational theories of Poincaré and Milne and the non-Riemannian kinematic models of the universe.", 1975MNRAS.170..599R [ADS](#)
- Roxburgh, I. W., "Solar neutrinos and solar rotation.", 1975MNRAS.170P..35R [ADS](#)
- Roxburgh, I. W., "The effect of rotation in stellar structure and evolution", 1975MSRSL...8...15R [ADS](#)
- Roxburgh, I. W., "Splitting the stars.", 1974JBAA...85...8R [ADS](#)
- Roxburgh, I. W., "On the Nature of the Asymptotically Adiabatic Solution of the Two-Fluid Solar Wind", 1974ApJ...191..557R [ADS](#)
- Roxburgh, I. W. & van der Reijden, W., "The masses of stable gas clouds", 1974MmSAI...45..485R [ADS](#)
- Roxburgh, I. W. & Williams, P. S., "The pre main sequence contraction of rapidly rotating stars and equatorial mass loss", 1974MmSAI...45..477R [ADS](#)
- Roxburgh, I. W., "A Note on the Solution of the Saturation Flux Limited Solar Wind Equations", 1974SoPh...35..481R [ADS](#)
- Roxburgh, I. W., "Non-Uniformly Rotating, Self-Gravitating, Compressible Masses with Internal Meridian Circulation", 1974Ap&SS...27..425R [ADS](#)
- Roxburgh, I. W., "A Note on Anisotropic Convection and the Rotation of Stellar Convective Zones", 1974Ap&SS...27..419R [ADS](#)
- Roxburgh, I. W., "Internal rotation of the Sun and the solar neutrino flux", 1974Natur.248..209R [ADS](#)
- Roxburgh, I. W., "Solar oblateness and the solar quadrupole moment", 1974exgr.conf...525R [ADS](#)
- Roxburgh, I. W., "Neutron stars.", 1973PhB...24..664R [ADS](#)
- Roxburgh, I. W., "The Asymptotic Behavior of the Supersonic Solutions of the Two-Fluid Solar Wind Equations", 1972SoPh...27..478R [ADS](#)
- Roxburgh, I. W. & Williams, I. P., "Late supergiant evolution.", 1972css.conf...279R [ADS](#)
- Durney, B. R. & Roxburgh, I. W., "Inhomogeneous Convection and the Equatorial Acceleration of the Sun", 1971SoPh...16...3D [ADS](#)
- Durney, B. R. & Roxburgh, I. W., "Inhomogeneous convection and the equatorial acceleration of the sun.", 1971BAAS...35.260D [ADS](#)
- Roxburgh, I. W., "On the Equatorial Acceleration of the Sun", 1970stro.coll...318R [ADS](#)
- Durney, B. R. & Roxburgh, I. W., "Models of close and contact binary stars I. Polytopic models", 1970MNRAS.148..239D [ADS](#)
- Roxburgh, I. W.: 1969a, Plasma physics in an astrophysical environment. 1969ppaa.book....R [ADS](#)
- Roxburgh, I. W., "The oblateness of the Sun.", 1969ampe.conf...29R [ADS](#)
- Durney, B. R., Faulkner, J., Gribbin, J. R., & Roxburgh, I. W., "Pulsation Periods of Rotating White Dwarfs", 1968Natur.219...20D [ADS](#)
- Roxburgh, I. W., "The Origin and Early Evolution of Close Binary Stars", 1968HiA...1..451R [ADS](#)
- Faulkner, J., Roxburgh, I. W., & Strittmatter, P. A., "Uniformly Rotating Main-Sequence Stars", 1968ApJ...151..203F [ADS](#)
- Roxburgh, I. W., "Solar Oblateness", 1967Natur.216.1286R [ADS](#)
- Faulkner, J. & Roxburgh, I. W., "On the densities of middle-aged stars", 1967Obs...87..171F [ADS](#)
- Roxburgh, I. W., "Origin of Planetary Nebulae", 1967Natur.215..838R [ADS](#)
- Roxburgh, I. W., "Implications of the Oblateness of the Sun", 1967Natur.213.1077R [ADS](#)
- Roxburgh, I. W., "Genesis of binaries (capture, accretion, scission, novae, etc.): Effect of rotation and magnetic fields on the formation of single and multiple stars", 1967oeds.conf...60R [ADS](#)
- Roxburgh, I. W., "Rotation and Magnetism in Stellar Structure and Evolution", 1967mrs.conf...45R [ADS](#)
- Roxburgh, I. W. & Suffolk, G. C. J., "Decay of Stellar Magnetic Fields", 1967ZA...66...1R [ADS](#)
- Durney, B. R. & Roxburgh, I. W., "Rotating Massive Stars in General Relativity", 1967RSPSA.296..189D [ADS](#)
- Roxburgh, I. W. & Durney, B. R., "The effect of a toroidal magnetic field on the radial oscillations of stars", 1967MNRAS.135..329R [ADS](#)
- Roxburgh, I. W., "Effect of Rotation and Magnetic Fields on the Formation of Single and Multiple Stars", 1967LIACo...14..343R [ADS](#)
- Roxburgh, I. W., "The Structure and Stability of Rotating Massive Stars in General Relativity", 1967LIACo...14..131R [ADS](#)
- Roxburgh, I. W., Sargent, W. L. W., & Strittmatter, P. A., "Determination of rotational velocity and aspect for stars in clusters", 1966Obs...86..118R [ADS](#)
- Roxburgh, I. W., "KO Aquilae as an example of systems with undersize subgiant secondaries in pre-main sequence contraction.", 1966AJ...71..133R [ADS](#)
- Roxburgh, I. W. & Durney, B. R., "Structure, Oscillations and Stability of Rotating White Dwarfs", 1966ZA...64..504R [ADS](#)
- Roxburgh, I. W. & Strittmatter, P. A., "On stellar rotation, V. The Structure of rotating stars", 1966MNRAS.133..345R [ADS](#)
- Roxburgh, I. W. & Strittmatter, P. A., "On stellar rotation. IV. Thermally generated magnetic fields limited by the Hall field", 1966MNRAS.133...1R [ADS](#)
- Roxburgh, I. W., "Magnetostatic equilibrium of polytropes", 1966MNRAS.132..347R [ADS](#)
- Roxburgh, I. W., "On stellar rotation, III. Thermally generated magnetic fields", 1966MNRAS.132..201R [ADS](#)
- Roxburgh, I. W., "On the Fission Theory of the Origin of Binary Stars", 1966ApJ...143..111R [ADS](#)
- Durney, B. & Roxburgh, I. W., "Stability of Rotating Massive Stars in General Relativity", 1965Natur.208.1304D [ADS](#)
- Roxburgh, I. W., "KO Aquilae as an Example of Close Binary Systems with Undersize Subgiant Secondaries in Pre-Main Sequence Contraction.", 1965AJ...70..690R [ADS](#)
- Roxburgh, I. W., "Effect of Rotation on the Stability of Very Massive Stars", 1965Natur.207..363R [ADS](#)
- Roxburgh, I. W., "On the Fission Theory of the Origin of Binary Stars.", 1965AJ...70..330R [ADS](#)
- Roxburgh, I. W., "Solar rotation and the perihelion advance of the planets a reply to comments by G.M. Clemence on the paper by I.W. Roxburgh", 1965Icar...4..220R [ADS](#)
- Roxburgh, I. W. & Strittmatter, P. A., "Rotational Spread of the Main Sequence", 1965ZA...63...15R [ADS](#)
- Roxburgh, I. W., "On Models of Non Spherical Stars. II. Rotating White Dwarfs. With 2 Figures in the Text", 1965ZA...62..134R [ADS](#)
- Roxburgh, I. W., Griffith, J. S., & Sweet, P. A., "On Models of Non Spherical Stars I. The Theory of Rapidly Rotating Main Sequence Stars. With 3 Figures in the Text", 1965ZA...61..203R [ADS](#)
- Monaghan, J. J. & Roxburgh, I. W., "The structure of rapidly rotating polytropes", 1965MNRAS.131...13M [ADS](#)
- Roxburgh, I. W., "A note on the boundary of convective zones in stars", 1965MNRAS.130..223R [ADS](#)
- Roxburgh, I. W. & Saffman, P. G., "The growth of condensations in a Newtonian model of the steady state universe", 1965MNRAS.129..181R [ADS](#)
- Roxburgh, I. W., "Some steady, self-consistent solutions for rotating magnetic stars", 1965IAUS...22..103R [ADS](#)
- Roxburgh, I. W., "Solar Rotation and the Perihelion Advance of the Planets", 1964Icar...3...92R [ADS](#)
- Roxburgh, I. W., "On stellar rotation, II. The rotation of lower main-sequence stars", 1964MNRAS.128..237R [ADS](#)
- Roxburgh, I. W., "On stellar rotation, I. The rotation of upper main-sequence stars", 1964MNRAS.128..157R [ADS](#)
- Roxburgh, I. W., "Stellar hydromagnetics", 1963stev.conf..446R [ADS](#)
- Roxburgh, I. W., "Steady meridian circulation in rotating magnetic stars", 1963MNRAS.126...67R [ADS](#)
- Mestel, L. & Roxburgh, I. W., "On the Thermal Generation of Toroidal Magnetic Fields in Rotating Stars.", 1962ApJ...136..615M [ADS](#)