

Publications by Professor Leon Mestel, FRS

(This list has mainly been obtained by querying the SAO/NASA Astrophysics Data System, ADS)

Total number of publications: 226.

- 1950 On the thermal conductivity in dense stars. *Math.Proc.Camb.Phil.Soc*, **46**, 331-338. (doi: 10.1017/S0305004100025809)
- 1952 On the theory of white dwarf stars. I. The energy sources of white dwarfs. *Mon.Not.R.Astron.Soc*, **112**, 583-597. (doi: 10.1093/mnras/112.6.583)
- 1952 On the theory of white dwarf stars. II. The accretion of interstellar matter by white dwarfs. *Mon.Not.R.Astron.Soc*, **112**, 598-605. (doi: 10.1093/mnras/112.6.598)
- 1953 Rotation and stellar evolution. *Mon.Not.R.Astron.Soc*, **113**, 716-745. (doi: 10.1093/mnras/113.6.716)
- 1954 Rotation and stellar evolution. In *Nuclear processes in stars*, 5th Liège International Astrophysics Colloquium, University of Liège, *Mem.Soc.R.Sci. Liège*, **13**, 213-220. (doi unknown)
- 1954 The influence of stellar radiation on the rate of accretion. *Mon.Not.R.Astron.Soc*, **114**, 437-459. (doi: 10.1093/mnras/114.4.437)
- 1955 On the decay of the magnetic field in a proto-star. *Astron.J.*, **60**, 172-172. (doi: 10.1086/107138)
- 1956 On the equilibrium of magnetic stars. *Mon.Not.R.Astron.Soc*, **116**, 324-334. (doi: 10.1093/mnras/116.3.324)
- 1956 (With L. Spitzer, Jr) Star formation in magnetic dust clouds. *Mon.Not.R.Astron.Soc*, **116**, 530. (doi: 10.1093/mnras/116.5.503)
- 1957 Meridional circulation in shell-source stars. *Astrophys.J.*, **126**, 550-558. (doi: 10.1086/146429)
- 1958 Magnetic field of a contracting proto-star. Paper read at IAU Symposium 8, *Cosmical Gas Dynamics* eds J M Burgers, R N Thomas, and published in *Rev.Mod.Phys.*, **30**, 1020-1022. (doi: 10.1103/RevModPhys.30.1020)
- 1959 The magnetic and dynamical fields outside a proto-star. *Mon.Not.R.Astron.Soc*, **119**, 223-248. (doi: 10.1093/mnras/119.3.223)
- 1959 A note on the magnetic braking of a rotating star. *Mon.Not.R.Astron.Soc*, **119**, 249-254. (doi: 10.1093/mnras/119.3.249)
- 1960 On circulation, rotation, magnetism etc. Introductory report to 9th Liège colloquium, 1959, *Models of Stars and Stellar Evolution*, published in *Mem.Soc.R.Sci. Liège*, series 5, **3**, 235-244. (doi unknown)
- 1960 Star formation and the galactic magnetic field. *Vistas in Astronomy*, **3**, 296-310. (doi: 10.1016/0083-6656(60)90022-2)
- 1961 The Hertzsprung-Russell diagram. *Proc.R.Soc.A*, **260**, 175-182. (doi: 10.1098/rspa.1961.0024)
- 1961 A note on equatorial acceleration in a magnetic star. *Mon.Not.R.Astron.Soc*, **122**, 473-478. (doi: 10.1093/mnras/122.6.473)
- 1961 Astrophysical applications of magnetohydrodynamics. (Duplicated notes of 12 lectures given at Stanford University, July 1961.) (Unpublished typescript for private circulation)
- 1962 Magnetic effects in star formation. In *Proceedings of Symposium on Stellar Evolution*, at La Plata National University, Astronomical Observatory, in 1960, ed. J. Sahade, p.77-85. (doi unknown)
- 1962 Rotation and magnetism in stellar evolution. In *Proceedings of Symposium on Stellar Evolution*, at La Plata National University, Astronomical Observatory, in 1960, ed. J Sahade, p.251-257. (doi unknown)
- 1962 (With I.W. Roxburgh) On the thermal generation of toroidal magnetic fields in rotating stars. *Astrophys.J.*, **136**, 615-626. (doi: 10.1086/147412)
- 1963 On the galactic law of rotation. *Mon.Not.R.Astron.Soc*, **126**, 553-575. (doi: 10.1093/mnras/126.6.553)
- 1963 Book review of 'Aerodynamic Phenomena in Stellar Atmospheres', edited by R.N. Thomas,

- Proceedings of 4th symposium on Cosmical Gas Dynamics, Varenna 1960. *J.Fluid Mech.* **17**, 314-316. (doi 10.1017/S0022112063211336)
- 1965 (With C.C. Lin and F.H. Shu) The gravitational collapse of a uniform spheroid. *Astrophys.J.*, **142**, 1431-1446. (doi: 10.1086/148428)
- 1965 Problems of star formation I. *Quart.J.R.Astron.Soc.*, **6**, 161-197. (doi unknown)
- 1965 Problems of star formation II. *Quart.J.R.Astron.Soc.*, **6**, 265-300. (doi unknown)
- 1965 The theory of white dwarfs. Chapter 5 in *Stellar Structure*, Vol 8 of Stars and Stellar Systems, eds L H Aller, D B McLaughlin, Univ. Chicago Press, Chicago, pp.297-325. ISBN 978 0 22 645969 1 (No doi)
- 1965 Meridian circulation in stars. Chapter 9 in *Stellar Structure*, Vol 8 of Stars and Stellar Systems, eds L H Aller, D B McLaughlin, Univ. Chicago Press, Chicago, pp.465-497. ISBN 978 0 22 645969 1 (No doi)
- 1965 Stellar magnetic fields – theoretical aspects – introductory report. In *Stellar and Solar Magnetic Fields*, IAU Symposium 22, ed. R Lust, North-Holland Pub. Co., Amsterdam, pp.87-102. (No doi)
- 1965 The structure of sunspot umbras (reporting work by S.M. Chitre). In *Stellar and Solar Magnetic Fields*, IAU Symposium 22, ed. R Lust, North-Holland Pub. Co., Amsterdam, pp.333-334. (No doi)
- 1965 “Fossil” magnetic fields. In *Stellar and Solar Magnetic Fields*, IAU Symposium 22, ed. R Lust, North-Holland Pub. Co., Amsterdam, pp.420-423. (No doi)
- 1965 A note on hydromagnetic turbulence. In *Stellar and Solar Magnetic Fields*, IAU Symposium 22, ed. R Lust, North-Holland Pub. Co., Amsterdam, pp.424-425. (No doi)
- 1966 A note on the spin of subcondensations forming in a differentially rotating medium. *Mon.Not.R.Astron.Soc*, **131**, 307-310. (doi: 10.1093/mnras/131.2.307)
- 1966 The magnetic field of a contracting gas cloud. I. Strict flux-freezing. *Mon.Not.R.Astron.Soc*, **133**, 265-284. (doi: 10.1093/mnras/133.2.265)
- 1966 (With K.C. Freeman) On magnetic fields and gas streaming in spiral galaxies. *Mon.Not.R.Astron.Soc*, **134**, 37-51. (doi: 10.1093/mnras/134.1.37)
- 1966 A note on meridian circulation in uniformly rotating stars. *Zeitschrift Astrofis.*, **63**, 196-201. (doi unknown)
- 1967 (With M.A. Ruderman) The energy content of a white dwarf and the rate of cooling. *Mon.Not.R.Astron.Soc*, **136**, 27-38. (doi: 10.1093/mnras/136.1.27)
- 1967 (With P.A. Strittmatter) The magnetic field of a contracting gas cloud: II. Finite diffusion effects - an illustrative example. *Mon.Not.R.Astron.Soc*, **137**, 95-105. (doi: 10.1093/mnras/137.1.95)
- 1967 “Fossil” magnetic fields and the oblique rotator model. In *Magnetic and Related Stars*, AAS-NASA Symposium, ed. R C Cameron, Baltimore, Mono Book Corp., p.101-110. (No doi)
- 1967 Star formation in rotating magnetic clouds. In *Instabilité Gravitationnelle et Formation des Étoiles, des Galaxies et de Leurs Structures Caractéristiques*, *Mém. Soc. Roy. Sci. Liège*, Vol **55**, p.333-338. (No doi)
- 1967 Stellar Magnetism. In *Plasma Astrophysics*, ed. P.A. Sturrock, Academic Press, New York, 1967, pp. 185-228. (4 lectures given at Enrico Fermi School, Course 39, Varenna, Italy, July 1966.)
- 1967 On the formation of close binary systems. In *Instabilité Gravitationnelle et Formation des Étoiles, des Galaxies et de Leurs Structures Caractéristiques*, *Mém. Soc. Roy. Sci. Liège*, Vol **55**, p.351-60. (No doi)
- 1967 Theories of stellar magnetism. In *Magnetism and the cosmos*, NATO ASI on Planetary and Stellar Magnetism, eds W R Hindmarsh, F J Lowes, P H Roberts, K R Runcorn Oliver & Boyd, Edinburgh, p.194-210. (No doi)
- 1968 Comments. *Highlights of Astronomy*, **1**, 453-454. (doi: 10.1017/S1539299600001635)
- 1968 Magnetic braking by a stellar wind – I. *Mon.Not.R.Astron.Soc*, **138**, 359-391. (doi: 10.1093/mnras/138.3.359)
- 1968 Magnetic braking by a stellar wind – II. *Mon.Not.R.Astron.Soc*, **140**, 177-196. (doi: 10.1093/mnras/140.2.177)

- 1969 The role of the magnetic field in star formation. In *Plasma Instabilities in Astrophysics*, eds D G Wentzel, D A Tidman, New York: Gordon and Breach, pp.329-35. (doi unknown)
- 1970 Report to Commission 35, *Stellar Constitution – Hydrodynamical problems of stellar interiors*. Trans. IAU (Reports on Astronomy), Vol. 14A, pp. 406-410. (doi unknown)
- 1970 Report to Commission 43, *Plasma and magnetohydrodynamics in astrophysics* - Plasma in the Sun and stars. Trans. IAU (Reports on Astronomy), Vol. 14A, pp. 515-518. (doi unknown)
- 1970 (With C.S. Selley) Magnetic Braking by a Stellar Wind—III: The Oblique Rotator with a Quasi-Radial Field. *Mon.Not.R.Astron.Soc.*, **149**, 197-220. (doi: 10.1093/mnras/149.3.197)
- 1970 Effects of Rotation, Magnetic Fields, Planetary Systems, Angular Momentum in Stars, Spin-down, Binary and Multiple Stars, Introductory Report. In *Evolution stellaire avant la sequence principale*, Mem. Soc. Roy. Sci. Liège, 5 ser., Vol 19, pp. 167-194. (doi unknown)
- 1970 (With C.S. Selley) Magnetic braking and the oblique rotator model. In *Stellar Rotation*, IAU Colloq. 4, ed. A. Slettebak, Gordon and Breach Science Publishers, 1970, pp.269-273. (doi unknown)
- 1971 The theory of magnetic stars. *Quart. J. Roy. Astron. Soc.*, **12**, 402-416. (Lecture at Leeds symposium 1971) (doi unknown)
- 1971 Pulsar magnetosphere. *Nature*, **233**, 149-152. (Read at RAS meeting, February 1971) (doi: 10.1038/physci233149a0)
- 1972 Why does the Sun shine? In *The Emerging Universe*, Essays on Contemporary Astronomy, eds W C Saslaw & K C Jacobs, Charlottesville, VA: University Press of Virginia, p.13. (No doi or end page number available)
- 1972 (With H.S. Takhar) The internal dynamics of the oblique rotator. *Mon.Not.R.Astron.Soc.*, **156**, 419-436. (doi: 10.1093/mnras/156.4.419)
- 1972 Magneto-Hydrodynamics, Hydrodynamics, Dynamics of the Solar System in the Different Models. In *Nice Symposium on the Origin of the Solar System*, Paris: Edition du CNRS, p.21. (No doi or end page number available)
- 1972 Evidence for the Distribution of Angular Velocity Inside the Sun and Stars – Introduction. In *Solar Wind*, 1971 Asilomar Conference, eds C P Sonett, P J Coleman & J M Wilcox, Washington, Sci.Tech.Inf. Office, NASA, pp.287-290. (doi unknown)
- 1972 Stellar Magnetism and Rotation. In *Stellar Evolution*, based on 8 lectures at 3rd Summer Institute for Astronomy and Astrophysics, Stony Brook, 1969. Eds H.-Y. Chiu & A. Muriel, New York: Gordon & Breach, p.643. (No doi or end page number available)
- 1972 Stellar magnetohydrodynamics. (Lecture at European Space Research Institute, September 1971. In *Conference on Cosmic Plasma Physics*, , ed. K. Schindler, Plenum Press, New York, p.203-213. (No doi)
- 1972 Hot plasmas. Book review of *Physics of hot plasmas*, eds B.J. Rye & J.C. Taylor, Scottish Universities Summer School 1968, pp. xv + 455. (Plenum: New York; Oliver and Boyd: Edinburgh, 1970). *Nature*, **235**, 288-289. (doi: 10.1038/235288b0)
- 1972 Hebrew science. Book review of *Studies in Hebrew Astronomy and Mathematics*, by Solomon Gandz, pp. xii + 544 (Ktav Publishing: New York, February 1970). *Nature*, **236**, 242. (doi: 10.1038/236242b0)
- 1973 Force-free pulsar magnetospheres. *Astrophys. Space Sci.*, **24**, 289-297. (doi: 10.1007/BF00648692)
- 1974 (With N.O. Weiss) *Magnetohydrodynamics*. Lectures organized by the Swiss Society of Astronomy and Astrophysics, Basel, 1974 (Sauverny, Switzerland: Geneva Observatory, 248 pp.) ISBN unknown.
- 1974 Applications to magnetic stars, cosmical gas dynamics and pulsars. In *Proceedings of Saas-Fee Advanced Course 4, Magnetohydrodynamics*, eds L Mestel & N O Weiss, Observatoire de Genève, p.39. (No doi or final page number available)
- 1974 (With J. Gillis and R.B. Paris) Magnetic braking during star formation, I. *Astrophys. Space Sci.*, **27**, 167-194. (doi: 10.1007/BF00641596)
- 1974 Fragmentation. 2nd European Regional Meeting in Astronomy, Trieste, *Mem. Soc. Astron. Ital.*, **45**, 397-405. (doi unknown)

- 1974 (With V.P. Myerscough) Report of the honorary auditors for the year 1973. *Quart.J.R.Astron.Soc.*, **15**, 206-207. (No doi)
- 1975 Effects of magnetic fields (introductory report). In *Problèmes d'hydrodynamique stellaire*, 19th Liège Coll., *Mem. Soc. Roy. Sci. Liège*, 6th ser., **8**, pp. 79-91. (No doi)
- 1975 (With R. Kippenhahn and J.J. Perry) Expanding quasar envelopes. I. Steady radiation-driven winds. *Astron. Astrophys.*, **44**, 123-138. (doi unknown)
- 1975 (With M. Rowan-Robinson) Report of the honorary auditors for the year 1974. *Quart.J.R.Astron.Soc.*, **16**, 333-334. (No doi)
- 1976 (With B.M. Tinsley, J.P. Ostriker, D.O. Gough, W.D. Arnett, and D. Pines) Report to Commission 35, *Stellar Constitution. Trans..IAU (Reports on Astronomy)*, Vol. **16A**, Part 2, pp. 161-188.
- 1976 Ap-star models. In *Physics of Ap Stars*, IAU Colloq. 32, eds W.W. Weiss, H. Jenkner & H.J. Wood. Universitäts-sterntwarte Wien, p.1. (No doi or end page number available)
- 1976 (With G.A.E. Wright, and K.C. Westfold) Plasma-wave interaction in non-aligned pulsar models. *Mon.Not.R.Astron.Soc*, **175**, 257-278. (doi: 10.1093/mnras/175.2.257)
- 1976 (With D.W. Moore, and J.J. Perry) Expanding quasar envelopes. II. Radiation-driven instabilities. *Astron.Astrophys.*, **52**, 203-212. (No doi available)
- 1977 Theoretical processes in star formation. In *Star formation* IAU Symp 75, eds T. de Jong & A. Maeder, Dordrecht, D. Reidel Publishing Co., pp. 213-232. (No doi)
- 1977 Discussion. In *Star formation* IAU Symp 75, eds T. de Jong & A. Maeder, Dordrecht, D. Reidel Publishing Co., pp. 233-247. (No doi)
- 1977 (With D.L. Moss) Models for rotating magnetic stars. *Mon. Not. R. Astron. Soc.*, **178**, 27-49. (doi: 10.1093/mnras/178.1.27)
- 1978 (With E.F. Borra & J.D. Landstreet) Magnetic stars. Talk at *Magnetic Stars* conference, details unknown; later published as a review article in 1982, in *ARAA* **20**. See below for details.
- 1978 The influence of magnetic fields on stars and stellar systems. In *Theoretical principles in astrophysics and relativity*, eds N R Lebovitz, W H Reid & P O Vandervoort, Chicago, University of Chicago Press, pp. 69-92. (No doi)
- 1978 Astronomy Centre, University of Sussex. Report for the year ending 1977 September 30. *Quart. J. R. Astron. Soc.*, **19**, 225-233. (doi unknown)
- 1978 (With R.R. Burman) Equations for pulsar magnetospheres with particle inertia. *Aust. J. Phys.*, **31**, 455-458. (doi: 10.1071/PH780455)
- 1979 Radiation driven winds and their instabilities. In *Active galactic nuclei*, NATO Advanced Study Institute, eds C. Hazard & S. Mitton, Cambridge, Camb.Univ. Press, pp. 255-271. (No doi)
- 1979 (With J. Gillis and R.B. Paris) Magnetic braking during star formation. II. *Mon.Not.R.Astron.Soc*, **187**, 311-335. (doi: 10.1093/mnras/187.2.311)
- 1979 (With R.B. Paris) Magnetic braking during star formation. III. *Mon.Not.R.Astron.Soc*, **187**, 337-356. (doi: 10.1093/mnras/187.2.337)
- 1979 Astronomy Centre, University of Sussex, Report for the year ending 1978 September 30. *Quart. J. R. Astron. Soc.*, **20**, 202-210. (doi unknown)
- 1979 (With P. Phillips and Y.-M. Wang) The axisymmetric pulsar magnetosphere – I. *Mon.Not.R.Astron.Soc*, **188**, 385-414. (doi: 10.1093/mnras/188.2.385)
- 1979 (With Y.-M. Wang) The axisymmetric pulsar magnetosphere – II. *Mon.Not.R.Astron.Soc*, **188**, 799-812. (doi: 10.1093/mnras/188.4.799)
- 1979 (With R.R. Burman) A cylindrical pulsar magnetosphere model with particle inertia. *Aust. J. Phys.*, **32**, 681-693. (doi: 10.1071/PH790681)
- 1979 (With D.J. Galloway and C. Gordon Smith) Rotation of convective envelopes in presence of magnetic fields. In *Catania Workshop on Solar Rotation*, European Physical Society, eds G. Belvedere and L. Paterno, p.74.
(Note: this reference is given in the Report of the Astronomy Centre for the year ending 1979 September 30, details quoted below, but I have not been able to find the paper on the internet using ADS or a general search, although I found the conference itself. No further details are available. However, it is in Leon's own printed list, and in Callum's list)

- 1980 The pulsar magnetosphere. In *Gravitational radiation, collapsed objects and exact solutions*, ed C. Edwards, *Lect. Notes Phys.* **124**, Springer-Verlag, pp. 147-171. (No doi)
- 1980 Astronomy Centre, University of Sussex, Report for the year ending 1979 September 30. *Quart. J. R. Astron. Soc.*, **21**, 307-316. (No doi)
- 1980 (With R.B. Paris) Magnetic braking and angular momentum transport. Review talk at meeting on magnetic braking. The only information about the publication is the BibCode assigned by ADS: 1980mbam.rept.....M .
- 1981 Magnetic braking, the solar nebula and the cometary cloud. In *Fundamental Problems in the Theory of Stellar Evolution*, IAU Symp 93, eds D. Sugimoto, D. Q. Lamb & D. N. Schramm, Reidel, Dordrecht, p. 129 (discussion p.130). (No doi)
- 1981 Magnetic fields and stellar evolution. In *Fundamental Problems in the Theory of Stellar Evolution*, IAU Symp 93, eds D. Sugimoto, D. Q. Lamb & D. N. Schramm, Reidel, Dordrecht, pp. 257-271 (discussion pp.271-272). (No doi)
- 1981 (With R.C. Smith) Stellar rotation. *Science Today*, Bombay, India, **15**, Issue 12, pp. 23-29. (doi unknown)
- 1981 Structure of the pulsar magnetosphere. In *Pulsars: 13 years of research on neutron stars*; IAU Symp. 95, eds W. Sieber & R. Wielebinski, Dordrecht, Reidel, pp. 9-23. (No doi)
- 1981 (With D. Biront, M. Goossens & A. Cousens) The influence of a magnetic field on the oscillations of early-type stars. In: *Chemically peculiar stars of the upper main sequence*, 23rd Liège Coll., Liège, Université de Liège, pp. 337-340. (No doi)
- 1981 (With J. Nittmann, W.P. Wood & G.A.E. Wright) The internal dynamics of the oblique rotator – II. *Mon.Not.R.Astron.Soc.*, **195**, 979-1000. (doi: 10.1093/mnras/195.4.979)
- 1982 Galactic magnetic fields. *Advances in Space Research*, **2**, 65-70. Invited review at COSPAR meeting, Ottawa, 1982. (doi: 10.1016/0273-1177(82)90289-7)
- 1982 (With E.F. Borra and J.D. Landstreet) Magnetic stars. *Ann. Rev. Astron. Astrophys.*, **20**, 191-220. (doi: 10.1146/annurev.aa.20.090182.001203)
- 1982 (With D. Biront, A. Cousens & M. Goossens) Composite boundary layer approximation for adiabatic pulsation in stars with a magnetic field. In *Pulsations in Classical and Cataclysmic Variable Stars*, eds J.P. Cox & C.J. Hansen, JILA, Boulder, p. 257. (doi and final page number not available)
- 1982 (With Y.-M. Wang) The non-aligned pulsar magnetosphere – an illustrative model for small obliquity. *Mon.Not.R.Astron.Soc.*, **198**, 405-427. (doi: 10.1093/mnras/198.2.405)
- 1982 (With D. Biront, M. Goossens & A. Cousens) A singular perturbation approach to the effect of a weak magnetic field on stellar oscillations. *Mon.Not.R.Astron.Soc.*, **201**, 619-633. (doi: 10.1093/mnras/201.3.619)
- 1982 Astronomy – a mirror to physics. (Brodetsky memorial lecture) *University of Leeds Review*, p. 137. (No doi)
- 1982 Ludwig Biermann's influence on astrophysics - a personal view. (75th birthday lecture.) For private circulation.
- 1983 (With D. Moss) A molecular weight gradient battery mechanism for stellar magnetic fields. In *Solar and stellar magnetic fields: Origins and coronal effects*, IAU Symp 102, ed J.O. Stenflo, Reidel, pp. 237-241 (discussion p.242). (No doi)
- 1983 A [book] review of "Highlights of Astronomy, vol. 5" [ISBN 90-277-1 146-1]. *Geophys.Astrophys.Fluid Dyn.*, **23**, 333-335. (doi: 10.1080/03091928308209049)
- 1983 Book Review: Ninth Texas Symposium on Relativistic Astrophysics, 1980. *The Observatory*, **103**, 209. (doi unknown)
- 1983 (With D.L. Moss) On the Biermann 'battery' process in uniformly rotating, chemically inhomogeneous stars. *Mon.Not.R.Astron.Soc.*, **204**, 557-574. (doi: 10.1093/mnras/204.2.557)
- 1983 (With D.L. Moss) On the decay of the toroidal component of a large-scale stellar magnetic field. *Mon.Not.R.Astron.Soc.*, **204**, 575-581. (doi: 10.1093/mnras/204.2.575)

- 1984 Theory of magnetic stars. In *Stellar and Planetary Magnetic Fields*, Proceedings of a meeting in Potsdam, published in *Astronomische Nachrichten*, **305**, no. 6, 301-309 (Erratum: **306**, 260, 1985). (doi: 10.1002/asna.2113050606)
- 1984 Some remarks on the theory of rotating stars. In *Observational Tests of the Stellar Evolution Theory*, IAU Symp. 105, eds A Maeder & A Renzini, Reidel, p.513-515. (No doi)
- 1984 Angular momentum loss during pre-main sequence contraction. In *Cool Stars, Stellar Systems, and the Sun*, eds S.L. Baliunas & L. Hartmann. *Lect. Notes Phys.* **193**, Springer-Verlag, p.49 (final page number not available). (doi: 10.1007/3-540-12907-3_179)
- 1984 Star formation and magnetic fields. In *Molecular Clouds and Star Formation, The Observatory*, **104**, 128. (Single page; no doi available)
- 1984 (With R.B. Paris) Star formation and the galactic magnetic field. *Astron.Astrophys.*, **136**, 98-120. (doi unknown)
- 1984 The axisymmetric pulsar magnetosphere. In *Plasma Astrophysics*, ESA SP-207, eds T.D. Guyenne and J.J. Hunt, p. 93. (doi and final page number not available)
- 1984 The interaction of rotation and magnetic field in the solar system. *Phil. Trans. Roy. Soc., Series A*, **313**, no. 1524, pp. 19-25. (doi: 10.1098/rsta.1984.0079)
- 1985 Radiatively-driven shock waves in quasar envelopes. In *Active Galactic Nuclei*, ed J.E. Dyson, Manchester University Press, pp.305-310. (doi unknown)
- 1985 On the role of the magnetic field in star formation. Proceedings of the Crafoord Symposium on Astrophysical Aspects of the Interstellar Medium and Star Formation, Stockholm, *Physica Scripta*, Vol. T11, pp. 53-58. (doi: 10.1088/0031-8949/1985/T11/007)
- 1985 Magnetic fields. In: *Protostars and planets II*, eds D.C. Black & M.S. Matthews, University of Arizona Press, p. 320-339. (No doi)
- 1985 (With T.P. Ray) Disc-like magneto-gravitational equilibria. *Mon.Not.R.Astron.Soc.*, **212**, 275-300. (doi: 10.1093/mnras/212.2.275)
- 1985 Cosmic magnetism. Book review of *Magnetic fields in Astrophysics*, eds Ya.B. Zeldovich, A.A. Ruzmaikin & D.D. Sokoloff, Gordon & Breach, published in *Nature*, **313**, 606. (doi: 10.1038/313606b0)
- 1985 (With J.A. Robertson, Y.-M. Wang and K.C. Westfold) The axisymmetric pulsar magnetosphere. *Mon.Not.R.Astron.Soc.*, **217**, 443-484. (doi: 10.1093/mnras/217.3.443)
- 1986 (With D.W. Moore) Radiatively-driven shock waves in quasar envelopes. *Astron.Astrophys.*, **156**, 121-130. (doi unknown)
- 1986 (With D.L. Moss) On mixing by the Eddington-Sweet circulation. *Mon.Not.R.Astron.Soc.*, **221**, 25-51. (doi: 10.1093/mnras/221.1.25)
- 1986 (With T.G. Cowling) Obituary – L.F.B. Biermann. *Quart. J. R. Astron. Soc.*, **27**, 698-700. (No doi)
- 1987 (With R.J. Tayler and D.L. Moss) Magnetic fields and rotation in late-type stars. In *The internal solar angular velocity: Theory, observations and relationship to solar magnetic fields*, 8th Summer Symp, Sunspot, NM, eds B.R. Durney & S. Sabatino, *Astrophys.Sp.Sci.Lib.* (ASSL), vol. 137, Reidel, pp.143-157. (doi: 10.1007/978-94-009-3903-5_19)
- 1987 Book review – From SU(3) to gravity, eds E. Gotsman & G. Tauber, (CUP 1985). *The Observatory*, **107**, 42. (doi unknown)
- 1987 Book review – Cosmic electrodynamics, by J.H. Piddington (Krieger, 1981). *The Observatory*, **107**, 43. (doi unknown)
- 1987 (With H.C. Spruit) On magnetic braking of late-type stars. *Mon.Not.R.Astron.Soc.*, **226**, 57-66. (doi: 10.1093/mnras/226.1.57)
- 1987 (With N.O. Weiss) Magnetic fields and non-uniform rotation in stellar radiative zones. *Mon.Not.R.Astron.Soc.*, **226**, 123-135. (doi: 10.1093/mnras/226.1.123)
- 1987 (With C.G. Campbell) Fragmentation of a gas cloud with orthogonal rotation and magnetic axes. *Mon.Not.R.Astron.Soc.*, **229**, 549-572. (doi: 10.1093/mnras/229.4.549)
- 1988 Stellar magnetic fields, origin and structure. In *Activity in cool star envelopes*, eds O. Havnes, B.R. Pettersen, J.H.M.M. Schmitt & J.-E. Solheim, ASSL, vol. 143, Reidel, pp. 1-12. (doi: 10.1007/978-94-009-2951-7_1)

- 1988 (With R.J. Tayler and D.L. Moss) The mutual interaction of magnetism, rotation and meridian circulation in stellar radiative zones. *Mon.Not.R.Astron.Soc*, 231, 873-885. (doi: 10.1093/mnras/231.4.873)
- 1988 (With R. Fitzpatrick) Pulsar electrodynamics. I. *Mon.Not.R.Astron.Soc*, **232**, 277-302. (doi: 10.1093/mnras/232.2.277)
- 1988 (With R. Fitzpatrick) Pulsar electrodynamics. II. *Mon.Not.R.Astron.Soc*, **232**, 303-321. (doi: 10.1093/mnras/232.2.303)
- 1988 Book review – Cosmic Magnetism, by P. Seymour (Hilger, 1986). *The Observatory*, **108**, 100-101. (doi unknown)
- 1989 The early stages of star formation. In *Accretion disks and magnetic fields in astrophysics*, EPS Study Conf, ed G Belvedere, ASSL, vol. 156, Kluwer, p. 151-163. (doi: 10.1007/978-94-009-2401-7_16)
- 1989 Stars (Conference summary). In *Accretion disks and magnetic fields in astrophysics*, EPS Study Conf, ed G Belvedere, ASSL, vol. 156, Kluwer, pp. 279-281. (doi: 10.1007/978-94-009-2401-7_30)
- 1989 (With R. Fitzpatrick) The axisymmetric pulsar magnetosphere – A classical model. In *Problems in theoretical physics and astrophysics: papers in celebration of 70th birthday of V. L. Ginzburg*. Moscow, Izdatel'stvo Nauka, p. 594-606. (doi unknown)
- 1989 Book review – Interstellar magnetic fields: observation and theory, Proceedings of a Workshop at Schloß Ringberg, Tegernsee, 1986 (Springer, 1987). *The Observatory*, **109**, 104. (doi unknown)
- 1989 Astronomy Centre, University of Sussex, Report for the year ending 1988 September 30. *Quart. J. R. Astron. Soc.*, **30**, 239-251. (No doi)
- 1990 (With K. Subramanian) Galactic dynamos and density wave theory. In *Galactic and Intergalactic Magnetic Fields*, IAU Symp. 140, eds R. Beck, P.P. Kronberg, R.Wielebinski, Kluwer, p.135. (No doi)
- 1990 The role of magnetic fields in star forming regions. In *Galactic and Intergalactic Magnetic Fields*, IAU Symp 140, eds R. Beck, P.P. Kronberg, R.Wielebinski, Kluwer, pp.259-267. (No doi)
- 1990 Magnetic braking. In *Basic plasma processes on the sun*, IAU Symp 142, eds E.R. Priest & V. Krishan, Kluwer, pp. 67-76. (No doi)
- 1990 (With D.M. Barker) Disc-like magneto-gravitational equilibria. II. *Mon.Not.R.Astron.Soc.*, **245**, 147-153. (doi unknown)
- 1990 (With D.L. Moss, and R.J. Tayler) The rotation of early type magnetic stars. *Mon.Not.R.Astron.Soc.*, **245**, 550-558. (doi unknown)
- 1991 (With A. Collier Cameron and L. Janke) Theory of magnetic braking of late-type stars. In *Angular Momentum Evolution of Young Stars*, NATO Advanced Research Workshop, eds S. Catalano, J.R. Stauffer, Kluwer, p.297-314.
- 1991 Cowling's life and work. *Geophys. Astrophys. Fluid Dyn.*, **62**, 3-14. (doi: 10.1080/03091929108229122)
- 1991 Thomas George Cowling. *Biographical Memoirs of Fellows of the Royal Society*, **37**, 103-125.
- 1991 Concluding summary: Theoretical aspects. In *The Sun and Cool Stars. Activity, Magnetism, Dynamos*. IAU Coll 130, eds, I. Tuominen, D. Moss, G. Rudiger, *Lect. Notes Phys.* (LNP) **380**, Springer-Verlag, p.515-521. (doi: 10.1007/3-540-53955-7_194)
- 1991 (With J.D. Barrow, and P.A. Thomas) Editors of TEXAS/ESO-CERN Symposium on Relativistic Astrophysics, Cosmology and Fundamental Physics (1990 : Brighton, England), *Ann. NY Acad. Sci.*, Vol. 647. (No doi)
- 1991 (With J.D. Barrow, and P.A. Thomas) Preface. In TEXAS/ESO-CERN Symposium on Relativistic Astrophysics, Cosmology and Fundamental Physics (1990 : Brighton, England), *Ann. NY Acad. Sci.*, Vol. 647, p.xiii-xiv. (doi: 10.1111/j.1749-6632.1991.tb32153.x)
- 1991 (With K. Subramanian) Galactic dynamos and density wave theory. *Mon.Not.R.Astron.Soc*, **248**, 677-687. (doi: 10.1093/mnras/248.4.677)
- 1991 Book review – Selected Papers, vols 3 and 4, by S. Chandrasekhar (Chicago UP 1990). *The Observatory*, **111**, 78-79. (doi unknown)

- 1991 Book review – Galactic and intergalactic magnetic fields, IAU Symp 140, eds R. Beck, P.P. Kronberg, R.Wielebinski (Kluwer 1991) *The Observatory*, **111**, 128-129. (doi unknown)
- 1991 Essay review: Neutron star magnetospheres. Review of The theory of neutron star magnetospheres, by F.C. Michel (Chicago UP 1991) *Contemp.Phys.*, **32**, 333-334. (doi: 10.1080/00107519108223706)
- 1992 Magnetic effects in clouds. *Aust. J. Phys.*, **45**, 531-541. (doi: 10.1071/PH920531)
- 1992 (With R. Fitzpatrick) The axisymmetric pulsar magnetosphere – a classical model. In *Magnetospheric Structure and Emission Mechanics of Radio Pulsars*, IAU Coll. 128, Lagow, Poland, eds T.H. Hankins, J.M. Rankin & J.A. Gil, Pedagogical Univ. Press, pp.96. (doi and final page number unknown)
- 1992 The solar-stellar connection – magnetic braking and stellar activity. *Proc.Astron.Soc.Australia*, **10**, no. 1, pp. 3-7. (doi unknown)
- 1992 (With M.H.L. Pryce) On the construction of a simple model pulsar magnetosphere. *Mon.Not.R.Astron.Soc*, **254**, 355-360. (doi: 10.1093/mnras/254.2.355)
- 1992 (With A.W. Wolfendale) (Editors; LM was also a speaker) RAS Specialist Discussion on Galactic and Extragalactic Magnetic Fields, *The Observatory*, **112**, 99-104. (doi unknown)
- 1993 Magnetic braking of late-type stars. In *The cosmic dynamo*, IAU Symp 157, eds F. Krause, K.H. Radler & G. Rudiger. Kluwer, Dordrecht, pp.153-156. (No doi)
- 1992 Pulsar magnetospheres. In *Pulsars as physics laboratories*, Roy. Soc. Discussion, ed. R.D. Blandford, A.G. Lyne, A. Hewish & L. Mestel, *Phil. Trans. Phys. Sci. Eng.*, Royal Society/OUP, Vol. **341**, Issue 1660, pp. 93-104. (doi: 10.1098/rsta.1992.0086)
- 1992 (With R.D. Blandford, A.G. Lyne and A. Hewish) Editor, *Pulsars as physics laboratories*, Roy. Soc. Discussion, *Phil. Trans. Phys. Sci. Eng.*, Royal Society/OUP, Vol. **341**, Issue 1660. 204 pp. ISBN-13 : 978-0198539834
- 1993 (With K. Subramanian) Galactic dynamos and density wave theory – II. An alternative treatment for strong non-axisymmetry. *Mon.Not.R.Astron.Soc.*, **265**, 649-654. (doi: 10.1093/mnras/265.3.649)
- 1994 Cosmical Magnetism. Concluding lecture in *Cosmical Magnetism*, NATO Adv. Res. Workshop, ed. D. Lynden-Bell, NATO ASI Series C, Vol. **422**, Kluwer, pp.181-211. (No doi)
- 1994 (With S. Horiuchi and I. Okamoto) The axisymmetric non-degenerate black hole magnetosphere. In *New Horizon of X-Ray Astronomy. First Results from ASCA*. Frontiers Science Series No.12, eds F. Makino & T. Ohashi, Universal Academy Press, Inc., Tokyo, p.621. (Final page number and doi not available)
- 1994 Electric gaps in pulsar magnetospheres. In *Fragmented energy release in Sun and stars*, ed. G.H.J. van den Oord, *Space Science Reviews*, **68**, 337-348. (doi: 10.1007/BF00749162)
- 1994 (With S. Shibata) The axisymmetric pulsar magnetosphere: a new model. *Mon.Not.R.Astron.Soc*, **271**, 621-638. (doi: 10.1093/mnras/271.3.621)
- 1995 In memoriam: Subrahmanyan Chandrasekhar. *COSPAR Information Bulletin*, Vol. 1995, Issue 134, Dec. 1995, pp.4-5. (Appeared first in *The Independent*, 24 August 1995) (doi: 10.1016/S0045-8732(00)80006-6)
- 1995 Angular loss mechanisms and stellar spin-down. In *Physical processes in astrophysics*, eds I.W. Roxburgh & J.-L. Masnou, LNP **458**, Springer-Verlag, pp. 37-48. (doi: 10.1007/BFb0118707)
- 1995 Magnetospheric models of pulsars – outstanding questions. (Talk at Raman Research Institute Jubilee Meeting, Bangalore 1993) *J.Astrophys.Astron.*, **16**, 119-135. (doi: 10.1007/BF02714829)
- 1995 (With S. Horiuchi and I. Okamoto) The axisymmetric non-degenerate black hole magnetosphere. *Mon.Not.R.Astron.Soc*, **275**, 1160-1170. (doi: 10.1093/mnras/275.4.1160)
- 1995 Book review – *Eddington's search for a Fundamental Theory. A key to the Universe*, C.W. Kilminster (CUP 1995). *The Observatory*, **115**, 272-273. (doi unknown)
- 1995 Book review – *Solar and planetary dynamos*, eds M.R.E. Proctor, P.C. Matthews & A.M. Rucklidge (CUP 1994). *The Observatory*, **115**, 337. (doi unknown)
- 1995 Book review – *Magnetic fields of celestial bodies*, Ye Shi-hui (Kluwer 1994) *The Observatory*, **115**, 340-341. (doi unknown)

- 1996 General relativistic electrodynamics and pulsar theory. In *Pulsars: problems and progress*, IAU Colloq. 160; ASP Conf. Series, **105**, eds S. Johnston, M.A. Walker & M. Bailes, San Francisco: Astronomical Society of the Pacific; pp.417-420. (doi unknown)
- 1996 (With D.M. Barker) Self-gravitating disc-like magnetic gas clouds. *Mon.Not.R.Astron.Soc.*, **282**, 317-326. (doi: 10.1093/mnras/282.2.317)
- 1996 S. Chandrasekhar: Obituary. In *Trinity College Annual Record* (original version in *The Independent*, August 1995) (No doi)
- 1997 A towering figure: reminiscences and reflections. In *S. Chandrasekhar: The man behind the legend*, ed. K.C. Wali, Imperial College Press. (ISBN: 9781860940385)
- 1997 Obituary – Roger John Tayler 1929-1997. *Bull.AAS*, **29**, 1491-1492. (doi unknown)
- 1997 A tribute to Roger J. Tayler (25 October 1929 – 23 January 1997). *Bull.Astron.Soc. India*, **25**, 143-145. (Appeared first in *The Independent* newspaper, 28 January 1997) (doi unknown)
- 1997 A tribute to Lyman Spitzer Jr (26 June 1914 – 31 March 1997). *Bull.Astron.Soc. India*, **25**, 281-283. (Appeared first in *The Independent* newspaper, 17 April 1997) (doi unknown)
- 1997 A tribute to Martin Schwarzschild (1912 – 1997). *Bull.Astron.Soc. India*, **25**, 285-287. (Appeared first in *The Independent* newspaper, 19 April 1997) (doi unknown)
- 1997 Martin Schwarzschild, 31 May 1912 – 10 April 1997. *Southern Stars*, **37**, 126-128. (doi unknown)
- 1998 (With J. Kuijpers) The Coriolis effect and the origin of prominences. In *Crossroads for European Solar and Heliospheric Physics. Recent Achievements and Future Mission Possibilities*, eds M.C.E. Huber & M. Coradini, ESA-SP 417, 1998, p.247-250. (No doi)
- 1998 (With B.E.J. Pagel) Roger John Tayler, FRS. *Biographical Memoirs of the Royal Society*, **44**, 403.
- 1999 Obituary – Sir William McCrea, 1904-1999. *Bull.AAS*, **31**, 1605-1607. (Previously published in the *London Independent*.)
- 1999 Stellar Magnetism – Theory. *Trans. IAU*, Volume **16B**, p. 243. (doi and final page no. unknown)
- 1999 *Stellar Magnetism*, 1st edition, Oxford: Clarendon Press, 636 pp., International Series of Monographs in Physics, vol. 99. (ISBN 0 19 851761 0) (Paperback edition 2003, ISBN 0-19-852672-5)
- 1999 Martin Schwarzschild, For.Mem.R.S. . *Biographical Memoirs of the Royal Society*, **45**, 469.
- 1999 The Cosmic Distance Scale. *Southern Stars*, vol. **38**, issue 3, p.90-96. (doi unknown)
- 1999 The early days of stellar structure theory. *Phys Rep.*, Vol. **311**, No. 3-5, p. 295-305. (doi: 10.1016/S0370-1573(98)00107-0)
- 1999 (With R.C. Smith) Obituary: Sir William McCrea. *The Observatory*, **119**, 254-256. (doi unknown)
- 1999 William Hunter McCrea (13 December 1904 - 25 April 1999). *Bull.Astron.Soc. India*, **27**, 433-435. (doi unknown)
- 1999 (With P. Panagi & S. Shibata) Model pulsar magnetospheres: the perpendicular rotator. *Mon.Not.R.Astron.Soc.*, **309**, 388-394. (doi: 10.1046/j.1365-8711.1999.02827.x)
- 1999 Towards understanding the entire universe (summary of the first Roger Tayler Lecture). *Astronomy & Geophysics*, **40**, issue 6, p.20. (ISSN 1366-8781).
- 2000 The pulsar magnetosphere. Talk given at conference held at Evora, Portugal, April 1999, to commemorate the work of Franz Kahn (1925-1998). *Astrophys.Space.Sci.*, **272**, 283-294. (doi: 10.1023/A:1002613017285)
- 2001 Magnetic fields across the H-R diagram. In *Magnetic Fields Across the Hertzsprung-Russell Diagram*, ASP Conf., Vol. **248**. Eds G. Mathys, S.K. Solanki & D.T. Wickramasinghe. San Francisco: Astron.Soc.Pacific, pp.3-20 (discussion: p.21). (ISBN: 1-58381-088-9)
- 2001 The relativistic force-free equation. (Don Melrose Festschrift, Sydney, 2000) *Publ.Astron.Soc. Australia*, **18**, Issue 4, pp. 384-393. (doi: 10.1071/AS01054)
- 2002 Some comments on the problem of rotation and mixing in stars. In *Highlights of Astronomy*, Vol. **12**, ed. H. Rickman. San Francisco: Astron.Soc. Pacific, pp. 304-306. (ISBN: 1-58381-086-2)
- 2002 Book review - Flat and curved space-times, Second Edition, by G.F.R. Ellis & R.M. Williams (OUP 2000). *The Observatory*, **122**, 178-179. (doi unknown)
- 2002 Sir Fred Hoyle FRS, 1915-2001 (obituary). *Astronomy & Geophysics*, **42**, issue 5, pp.23-24. (ISSN 1366-8781). (Also published by St John's College, Cambridge, in *The Eagle*)

- 2002 Book review – Stellar Rotation, by J.-L. Tassoul (CUP 2000, ISBN 0-521-77218-4). *Geophys. Astrophys. Fluid Dynamics*, **96**, 77. (doi and final page number unknown)
- 2002 Book review - Astrophysical sources of high-energy particles and radiation, eds M.M. Shapiro, T. Stanev & J.P. Wefel (Kluwer, Dordrecht 2001). *The Observatory*, **122**, 366-367. (doi unknown)
- 2003 Origin of magnetic fields in OBA stars. In *Magnetic Fields in O, B and A Stars: Origin and Connection to Pulsation, Rotation and Mass Loss*, eds L.A. Balona, H.F. Henrichs & R. Medupe. ASP Conf., Vol. 305. San Francisco: Astron.Soc. Pacific, pp.3-13 (discussion pp.14-15). (No doi)
- 2003 Stellar rotation: a historical survey. In: *Stellar astrophysical fluid dynamics*. Eds M.J. Thompson & J. Christensen-Dalsgaard. Cambridge (UK): CUP, p. 75-98. (ISBN 0-521-81809-5)
- 2003 Book Review of *Dynamic Sun*, Edited by B. Dwivedi, Foreword by E.N. Parker, CUP, Cambridge, New York, 2003, 462 pp. (ISBN 05-2181057-4). *Geophys. Astrophys. Fluid Dynamics*, vol. **97**, Issue 5, pp.424-427. (doi: 10.1080/03091920310001622272)
- 2003 Book Review of *On the shoulders of giants : the great works of physics and astronomy*. Ed. S.W. Hawking. Running Press, Philadelphia, 2002. *The Observatory*, **123**, 156-157. (doi unknown)
- 2003 Fred's contributions to stellar evolution. *Astrophys. Space Sci.*, **285**, 327-337. (doi unknown)
- 2004 (With S.P. Goodwin, J. Mestel & G.A.E. Wright, G.A.E.) An idealized pulsar magnetosphere: the relativistic force-free approximation. *Mon.Not.R.Astron.Soc.*, **349**, 213-224. (doi: 10.1111/j.1365-2966.2004.07481.x)
- 2004 Book review of *The tests of time. Readings in the development of physical theory*, eds L.M. Dolling, A.F. Gianelli & G.N. Statile, Princeton UP, Oxford, 2003. *The Observatory*, **124**, 56-57. (doi unknown)
- 2004 Book review of *Magnetohydrodynamic turbulence*, by D. Biskamp, CUP 2003. *The Observatory*, **124**, 150-151. (doi unknown)
- 2004 Entries for Selig Brodetsky, Subrahmanyan Chandrasekhar, Thomas George Cowling, Sir William Hunter McCrea and Roger John Tayler in *Oxford Dictionary of National Biography*, Oxford University Press.
- 2004 (With J.D Barrow) Eddington: leading the field. Report of RAS Commemoration Meeting, 2004 March 12, to mark the 60th anniversary of the death of Sir Arthur Eddington. (Mestel also gave a talk at this meeting; the next reference is the text of that talk.) *Astronomy & Geophysics*, **45**, issue 3, 10-13. (doi: 10.1046/j.1468-4004.2003.45310.x)
- 2004 Arthur Stanley Eddington: pioneer of stellar structure theory. *J. Astronomical History and Heritage* (ISSN 1440-2807), Vol. **7**, No. 2, pp. 65-73. (doi unknown)
- 2005 Pulsar magnetospheres. In *Fluid Dynamics and Dynamos in Astrophysics and Geophysics: Durham Symp. on Astrophysical Fluid Mechanics*. Eds A.M. Soward, C.A. Jones, D.W. Hughes & N.O. Weiss. CRC Press, Boca Raton, FL USA, pp.83-114. (doi: 10.1201/9780203017692.ch4)
- 2005 (With J.D. Landstreet) Stellar magnetic fields. In *Cosmic Magnetic Fields*, eds R. Wielebinski & R. Beck. LNP Vol. **664**. Springer, Berlin, Germany, p.183-218. (doi: 10.1007/11369875_8)
- 2005 (With D. Moss) The action of magnetic torques on the oblique rotator model for magnetic Ap stars. *Mon.Not.R.Astron.Soc.*, **361**, 595-601. (doi: 10.1111/j.1365-2966.2005.09185.x)
- 2005 Obituary: Hermann Bondi (1919-2005). *Nature*, **437**, 828. (doi: 10.1038/437828a)
- 2006 Sir Fred Hoyle (letter). *Observatory*, **126**, 213-215. (doi unknown)
- 2007 Astrophysical MHD: the early years. In *Magnetohydrodynamics: Historical Evolution and Trends*, eds S. Molokov, R. Moreau & H.K. Moffatt. Springer, Dordrecht, 2007. In series Fluid Mechanics and its Applications, Vol. 80, pp. 73-84. (ISBN-13 978-1-4020-4832-6) (ISSN 0926-5112)
- 2010 (With D.L.Moss) The evolution of stable magnetic fields in stars: an analytical approach. *Mon.Not.R.Astron.Soc.*, **405**, 1845-1853. (doi: 10.1111/j.1365-2966.2010.16558.x)
- 2012 From Stratford to Cambridge. *Astronomy & Geophysics*, **53**, issue 5, 5.16-5.18. (doi: 10.1111/j.1468-4004.2012.53516_1.x)
- 2012 *Stellar Magnetism*, 2nd edition, Oxford: Clarendon Press, 715 pp., International Series of Monographs in Physics, vol. 154. (ISBN 978-0-19-964174-1)