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- Assay of urease activity in soil; M.A. Tabatabai, and J.M. Bremner; *Soil Biology & Biochemistry* 1972
- Dehydrogenase activity in soil: a comparison between the INT and TCC assay; J.T. Trevors; *Soil Biology & Biochemistry* 1984
- 50 years progress in soil physics; J.R. Philip; *Geoderma* 1974
- The juvenile hormone effect of farnesol and some related compounds: quantitative experiments; V.B. Wigglesworth; *Journal of Insect Physiology* 1983
- The juvenile hormone-I. Methods of purification and isolation; H. Røller, J.S. Bjørke., W.H. McShan; *Journal of Insect Physiology* 1985
- A lipophilic-hydrophobic attribute and component in the stereochemistry of sweetness; R.S. Shallenberger and M.G. Lindley; *Food Chemistry* 1977
- Water activity and food polymer science - implications of state on arrhenius and wfl models in predicting shelf-life; K.A. Nelson, T.P. Labuza; *Journal of Food Engineering* 1994
- An extraction method for measuring soil microbial biomass-C; E.D. Vanca, P.C. Brookes, D.S. Jenkinson; *Soil Biology & Biochemistry* 1987

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- Another article, also available on ScienceDirect, which cites Woodward's seminal paper, says of this research: "The paper illustrates how organic chemists dramatically altered their practices in the middle part of the 20th century through the adoption of analytical instrumentation – such as ultraviolet and infrared absorption spectroscopy and nuclear magnetic resonance spectroscopy – through which the difficult process of structure determination for small molecules became routine." (Instruments and rules: R. B. Woodward and the tools of 20th-century organic chemistry, *Studies In History and Philosophy of Science Part A*, volume 33, issue 1, March 2002, pages 1-32. Leo B. Slater)

Materials Science

Landmark articles include:

- Overview No. 104 - The physical and mechanical properties of NIA; D.B. Miracle; *Acta Metallurgica et Materialia*, 1993
- Preparation of ultra high modulus linear polyethylenes: effect of molecular weight distribution on drawing behaviour and mechanical properties; G. Capaccio, and I.M. Ward; *Polymer*, 1974
- Controlled release of biologically active compounds from bioresorbable polymers; J. Heller; *Biomaterials*, 1980
- Enthalpy relaxation and recovery in amorphous materials; I.M. Hodge; *Journal of Non-Crystalline Solids*, 1994
- The formation of graphitizing carbons from the liquid phase; J.D. Brooks; G.H. Taylor; *Carbon*, 1965
- Exchange interactions in rare earth compounds; T. Kasuya; *Journal of Alloys and Compounds*, 1993
- X-ray determination of tobermorite, quartz and a-dicalcium silicate hydrate in autoclaved calcium silicate materials; J.R.L. Dyzek, and H.F.W. Taylor; *Cement and Concrete Research*, 1971

Nursing and Health Professions

Landmark articles include:

- Measured and predicted resting energy expenditure in clinically stable patients, *Clinical Nutrition*, 1984, I.D. Feurer, L.O. Crosby, J.L. Mullen
- The psychophysiological effects of aromatherapy massage following cardiac surgery, *Complementary Therapies in Medicine*, 1994, C.J. Stevenson
- A comparison of the British number plate and Snellen vision tests for car drivers, *Ophthalmic and Physiological Optics*, 1981, N. Drasdo, C.M. Haggarty
- The discipline of nursing, *Nursing Outlook*, 1978, S.K. Donaldson, D.M. Crowley
- The 'anatomy' of infant sucking, *Midwifery*, 1986, M.W. Woolridge

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