



Current Comments

Expansion of *Citation Classics* - 250 unique commentaries per year

Number 1

January 1, 1979

In this first *Current Contents*[®] (*CC**) issue for 1979, *Citation Classics* begins its third year. Starting with this issue, each *Current Contents* edition (with the exception of the new *CC/Arts & Humanities*) will contain a *Citation Classic* appropriate to that edition.¹

Citation Classics provides authors of highly cited works an unusual opportunity to retrospectively comment on their research. This personal approach to the history of science allows them to discuss the roles they and their co-authors played in the evolution of their milestone reports. We ask them to explain why their papers proved to have such high impact and as a consequence, were so highly cited. In short, *Citation Classics* presents the human as well as the technical side of science history.

Until now, we published the same "classic" in all editions of *Current Contents*. This approach had some virtues in that it gave readers exposure to other fields. But many readers outside the natural sciences felt that their fields were not adequately represented.

When we began *Citation Classics* in 1977, we asked authors of the 500

most-cited papers to submit commentaries. It should have been obvious that a preponderance of these papers would come from the life sciences. This is in line with what we have learned about most-cited authors and papers. While the basic physical and chemical sciences were well represented, certain disciplines were severely under-represented. For example, of the 52 *Citation Classics* published in 1977, 37 were from the life sciences. Ten were from physics and non-biological chemistry. Clinical medicine was represented by only three classics. Articles representing engineering, the applied sciences, and the social and behavioral sciences were not featured at all. Two classics in 1977 were statistical works of interdisciplinary interest. Figure 1 is a category list of the *Citation Classics* published in 1977.

That citation counts are higher in some disciplines and lower in others is no surprise. I've discussed this point almost *ad nauseam*.³ Suffice it to say here that absolute citation counts cannot be the exclusive criterion for selecting classics (or anything else). In particular they militate against the selection of im-

portant works in disciplines where citation frequencies are "naturally" lower.⁴

In 1978 we selected papers with this in mind. We featured eleven articles from the social sciences, seven from clinical medicine, and five from agriculture (botany, etc.). In Figure 2 there is a categorical listing of all 1978 classics. In 1979, the presentation of a different *Citation Classic* in each *CC* edition will ensure that all fields are adequately represented.

To date, we have invited over 1,000 authors to submit commentaries for publication. Nearly 40% have done so. But, the publication of only 52 classics per year has resulted in a considerable backlog. We apologize to those authors who have been waiting to see their commentaries in print. Now, in addition to providing commentaries of more particular interest to our readers, the publication of a different classic in the six *CC* editions will allow us to get manuscripts into print faster. During 1979, we will publish about 250 to 300 unique contributions.

Of course, some classics will be of interest to investigators in more than one discipline. These will appear in more than one edition.

While author commentaries will be especially selected for each edition of *Current Contents*, readers

will not be left uninformed about classics presented in the other editions. As part of the new format for *Citation Classics*, a page of *CC* will list the classics appearing in each of the six editions.

As our backlog of classics diminishes, we will be inviting new authors to submit commentaries on both new and old papers that emerge in our studies. However, we have yet another backlog of *Citation Classics*. Commentaries must be solicited from persons who were not authors of the 600 papers for which we received no response. While most citation classics authors are still alive, many are deceased or unable to contribute for a variety of reasons.

During the course of the year to come, we will be publishing lists of classics not previously mentioned in our citation studies. We will indicate those papers where the authors have not responded to our requests for commentaries. We hope that readers who were closely associated with the authors or field will volunteer to fill the gap. By mid-year, we plan to summarize our progress. We hope you'll agree that expansion of *Citation Classics* adds a new dimension to our coverage and appreciation of the history and sociology of science.⁵

© 1979 ISI

REFERENCES

1. **Garfield E.** Announcing *Current Contents/Arts & Humanities*: in 1979 our *Current Contents* series will cover virtually every academic discipline. *Current Contents* (30):5-7, 24 July 1978.

REFERENCES (continued)

2. -----, *Introducing Citation Classics: the human side of scientific reports. Current Contents* (1):5-6, 3 January 1977.
 3. -----, *The 300 most-cited authors, 1961-1975, including co-authors at last. 1. How the names were selected. Current Contents* (28):5-17, 10 July 1978.
 4. -----, *Is the ratio between number of citations and publications cited a true constant? Current Contents* (6):5-7, 9 February 1976.
(Reprinted in: **Garfield E.** *Essays of an information scientist.* Philadelphia: ISI Press, 1977. Vol. 2, p. 419-21.)
 5. -----, *Additional history and sociology of science coverage in Current Contents. Current Contents* (50):5-8, 11 December 1978.
-

Figure 1: *Citation Classics* from 1977, arranged by category. Under each category classics are arranged by journal title.

PHYSICAL & CHEMICAL SCIENCES

- Karle J & Karle I L.** The symbolic addition procedure for phase determination for centrosymmetric and noncentrosymmetric crystals.
Acta Crystallogr. 21:849-59, 1966. *CC* (17):11, 25 April 1977.
- Hanson H P, Herman F, Lea J D & Skillman S.** HFS atomic scattering factors.
Acta Crystallogr. 17:1040-4, 1963. *CC* (30):16, 25 July 1977.
- Jaffe, H H.** A reexamination of the Hammett equation.
Chem. Rev. 53:191-261, 1953. *CC* (33):9, 15 August 1977.
- Brunauer S, Emmett P H & Teller E.** Absorption of gases in multimolecular layers.
J. Amer. Chem. Soc. 60:309-19, 1938. *CC* (35):9, 29 August 1977.
- Dexter, David L.** A theory of sensitized luminescence in solids.
J. Chem. Phys. 21:836-50, 1953. *CC* (38):11, 19 September 1977.
- Stewart R F, Davidson E R & Simpson W T.** Coherent x-ray scattering for the hydrogen atom in the hydrogen molecule. *J. Chem. Phys.* 42:3175-87, 1965.
CC (48):15, 28 November 1977.
- Wilson A J C.** Determination of absolute from relative x-ray intensity data.
Nature 150:151-2, 1942. *CC* (29):13, 18 July 1977.
- Bloembergen N, Purcell E M & Pound R V.** Relaxation effects in nuclear magnetic resonance absorption. *Phys. Rev.* 73:679-712, 1948. *CC* (18):7, 2 May 1977.
- Fano U.** Effects of configuration interaction on intensities and phase shifts.
Phys. Rev. 124(6):1866-78, 15 December 1961. *CC* (27):8, 4 July 1977.
- Van Hove L.** Correlations in space and time and born approximation scattering in systems of interacting particles. *Phys. Rev.* 95:249-62, 1954. *CC* (21):7, 23 May 1977.

CLINICAL PRACTICE

- Singer J M & Plotz C M.** The latex fixation test. I. Application to the serologic diagnosis of rheumatoid arthritis. *Amer. J. Med.* 21:888-92, 1956. *CC* (51):21, 19 December 1977.
- Morgan C R & Lazarow A.** Immunoassay of insulin: two antibody system, plasma insulin levels of normal, subdiabetic and diabetic rats. *Diabetes* 12:115-26, 1963.
CC (52):13, 26 December 1977.
- Selye H.** The general adaptation syndrome and the diseases of adaptation.
J. Clin. End. 6:117-231, 1946. *CC* (13):13, 28 March 1977.

Figure 1 (continued)

STATISTICS

- Snedecor G W & Cochran W G.** *Statistical methods applied to experiments in agriculture and biology.* 5th ed. Ames, Iowa: Iowa State University Press, 1956.
CC (19):10, 9 May 1977.
- Steel R G D & Torrie J H.** *Principles and procedures of statistics.*
New York: McGraw, 1960. CC (39):20, 26 September 1977.

LIFE SCIENCES

- Bray G A.** A simple efficient liquid scintillator for counting aqueous solutions in a liquid scintillation counter. *Anal. Biochem.* 1:279-85, 1960. CC (2):27, 10 January 1977.
- Piez K A & Morris L.** A modified procedure for the automatic analysis of amino acid. *Anal. Biochem.* 1:187-201, 1960. CC (23):10, 6 June 1977.
- Chen P S, Toribara T Y & Warner H.** Microdetermination of phosphorus. *Anal. Chem.* 28:1756-58, 1956. CC (9):7, 28 February 1977.
- Spies J R & Chambers D C.** Chemical determination of tryptophan in proteins. *Anal. Chem.* 21:1249-66, 1949. CC (25):13, 20 June 1977.
- Ogur M & Rosen G.** The nucleic acids of plant tissues. I. Extraction and estimation of deoxyribose nucleic acid (DNA) and ribose nucleic acid (RNA) from plant tissue. *Arch. Biochem.* 27:260-76, 1950. CC (24):22, 13 June 1977.
- Burton K.** A study of the conditions and mechanisms of the diphenylamine reaction for the colorimetric estimation of deoxyribonucleic acid. *Biochem. J.* 62:315-22, 1956. CC (26):23, 27 June 1977.
- De Duve C, Pressman B C, Gianetto R, Wattiaux R & Appelmans F.** Tissue fractionation studies. 6. Intracellular distribution patterns of enzymes in rat-liver tissue. *Biochem. J.* 60:604-17, 1955. CC (12):11, 21 March 1977.
- Greenwood F C, Hunter W M & Glover J S.** The preparation of ¹³¹I-labelled human growth hormone of high specific radioactivity. *Biochem. J.* 89:114-23, 1963. CC (15):12, 11 April 1977.
- Rondle C J M & Morgan W T J.** The determination of glucosamine and galactosamine. *Biochem. J.* 61:586-9, 1955. CC (32):10, 8 August 1977.
- Ellman G L, Courtney K D, Andres V & Featherstone R M.** A new and rapid colorimetric determination of acetylcholinesterase activity. *Biochem. Pharmacol.* 7:88-95, 1961. CC (22):9, 30 May 1977.
- Cleland W W.** The kinetics of enzyme-catalyzed reactions with two or more substrates or products. I. Nomenclature and rate equations. *Biochim. Biophys. Acta* 67:104-37, 1963. CC (28):8, 11 July 1977.
- Duncan D B.** Multiple range and multiple *F* tests. *Biometrics* 11:1-42, 1955. CC (4):10, 24 January 1977.
- Kramer C Y.** Extension of multiple range tests to group means with unequal numbers of replications. *Biometrics* 12:307-10, 1956. CC (44):20, 31 October 1977.
- Nowell, P C.** Phytohemagglutinin: an initiator of mitosis in cultures of normal human leukocytes. *Cancer Res.* 20:462-6, 1960. CC (42):13, 17 October 1977.
- Sweeley C C, Bentley R, Makita M & Wells W W.** Gas-liquid chromatography of trimethylsilyl derivatives of sugars and related substances. *J. Amer. Chem. Soc.* 85:2497-507, 1963. CC (43): 9, 24 October 1977.
- Katz A M, Dreyer W J & Anfinsen C B, Jr.** Peptide separation by two-dimensional chromatography and electrophoresis. *J. Biol. Chem.* 234:2897-900, 1959. CC (45):18, 7 November 1977.

LIFE SCIENCES (continued)

- Lowry O H, Rosenbrough N J, Farr A L & Randall R J.** Protein measurement with the Folin phenol reagent. *J. Biol. Chem.* 193:265-75, 1951. CC (1):7, 3 January 1977.
- Nelson N.** A photometric adaptation of the Somogyi method for the determination of glucose. *J. Biol. Chem.* 153:375-80, 1944. CC (3):13, 17 January 1977.
- Schneider W C.** Phosphorus compounds in animal tissues. I. Extraction and estimation of desoxypentose nucleic acid and of pentose nucleic acid. *J. Biol. Chem.* 161:293-303, 1945. CC (8):12, 21 February 1977.
- Warren L.** The thiobarbituric acid assay of sialic acids. *J. Biol. Chem.* 234:1971-5, 1959. CC (36):9, 5 September 1977.
- Luft J H.** Improvements in epoxy resin embedding methods. *J. Biophys. Biochem. Cytol.* 9:409-14, 1961. CC (20):8, 16 May 1977.
- Venable J H & Coggeshall R.** A simplified lead citrate stain for use in electron microscopy. *J. Cell Biol.* 25:407-8, 1965. CC (10):12, 7 March 1977.
- Yalow R S & Berson S A.** Immunoassay of endogenous plasma insulin in man. *J. Clin. Invest.* 39:1157-75, 1960. CC (14):9, 4 April 1977.
- Stanier R Y, Palleroni N J & Doudoroff M.** The aerobic pseudomonads: a taxonomic study. *J. Gen. Microbiol.* 43:159-71, 1966. CC (31):11, 1 August 1977.
- Ratnoff O D & Menzle C.** A new method for the determination of fibrinogen in small samples of plasma. *J. Lab. Clin. Med.* 37:316-20, 1951. CC (49):16, 5 December 1977.
- Van Handel E & Zilversmit D B.** Micromethod for the direct determination of serum triglycerides. *J. Lab. Clin. Med.* 50:152-7, 1957. CC (16):13, 18 April 1977.
- Trout D L, Estes E H Jr. & Friedberg S J.** Titration of free fatty acids of plasma: a study of current methods and a new modification. *J. Lipid Res.* 1:199-202, 1960. CC (40):11, 3 October 1977.
- Anton A H & Sayre D F.** A study of the factors affecting the aluminum oxide-trihydroxyindole procedure for the analysis of catecholamines. *J. Pharmacol. Exp. Ther.* 138:360-75, 1962. CC (34):7, 22 August 1977.
- Litchfield J T & Wilcoxon F A.** A simplified method of evaluating dose-effect experiments. *J. Pharmacol. Exp. Ther.* 96:99-113, 1949. CC (7):8, 14 February 1977.
- Gillespie D & Spiegelman S.** A quantitative assay for DNA-RNA hybrids with DNA immobilized on a membrane. *J. Mol. Biol.* 12:829-42, 1965. CC (11):14, 14 March 1977.
- Born G V R.** Aggregation of blood platelets by adenosine diphosphate and its reversal. *Nature* 194:927-9, 1962. CC (37):8, 12 September 1977.
- Temin H M.** RNA-dependent DNA polymerase invirions of Rous sarcoma virus. *Nature* 226:1211-3, 1970. CC (47):14, 21 November 1977.
- Trevelyan W E, Procter D P & Harrison J S.** Detection of sugars on paper chromatograms. *Nature* 166:444-5, 1950. CC (6):13, 7 February, 1977.
- Marshall J D, Eveland W C & Smith C W.** Superiority of fluorescein isothiocyanate (Riggs) for fluorescent-antibody technic with a modification of its application. *Proc. Soc. Exp. Biol. Med.* 98:898-900, 1958. CC (50):16, 12 December 1977.
- Warner I R, Knopf P M & Rich A.** A multiple ribosomal structure in protein synthesis. *Proc. Nat. Acad. Sci. US.* 49:122-9, 1963. CC (41):11, 10 October 1977.
- Eagle H.** Amino acid metabolism in mammalian cell cultures. *Science* 130:432-7, 1959. CC (5):13, 31 January 1977.
- Singer S J & Nicolson G L.** The fluid mosaic model of the structure of cell membranes. *Science* 175:720-31, 1972. CC (46):13, 14 November 1977.

Figure 2: Citation Classics from 1978 arranged by category. Under each category classics are arranged by journal title.

SOCIAL & BEHAVIORAL SCIENCES

- Coppen A** The biochemistry of the affective disorders. *Brit. J. Psychol.* 113:1237-64, 1967. *CC* (23):12, 5 June 1978.
- Jensen A R.** How much can we boost IQ and scholastic achievement? *Harvard Educ. Rev.* 39:1-123, 1969. *CC* (41):16, 9 October 1978.
- Mandler G & Sarason S B.** A study of anxiety and learning. *J. Abnormal Soc. Psychol.* 47:166-73, 1952. *CC* (44):7, 30 October 1978.
- Rogers C R.** The necessary and sufficient conditions of therapeutic personality change. *J. Consult. Clin. Psychol.* 21:95-103, 1957. *CC* (27):14, 3 July 1978.
- Graham F K & Clifton R K.** Heart-rate change as a component of the orienting response. *Psychol. Bull.* 65:305-20, 1966. *CC* (7):16, 13 February 1978.
- Bolles R C.** Species-specific defense reactions and avoidance learning. *Psychol. Rev.* 71:32-48, 1970. *CC* (31):9, 31 July 1978.
- Kendler H H & Kendler T S.** Vertical and horizontal processes in problem solving. *Psychol. Rev.* 69:1-16, 1962. *CC* (9):15, 27 February 1978.
- Rescorla R A & Solomon R L.** Two-process learning theory: relationships between Pavlovian conditioning and instrumental training. *Psychol. Rev.* 74:151-83, 1967. *CC* (35):31, 28 August 1978.
- Underwood B J.** Attributes of memory. *Psychol. Rev.* 76:559-73, 1969. *CC* (18):10, 1 May 1978.
- Chronbach L J.** Coefficient Alpha and the internal structure of tests. *Psychometrika* 16:297-334, 1951. *CC* (13):8, 27 March 1978.
- Ebel R L.** Estimation of the reliability of ratings. *Psychometrika* 16:407-24, 1951. *CC* (49):4 December 1978.

PHYSICAL & CHEMICAL SCIENCES

- Dalgarno A.** Atomic polarizabilities and shielding factors. *Advan. Phys.* 11:281-315, 1962. *CC* (15):9, 10 April 1978.
- Paul M A & Long F.** H_0 and related indicator acidity functions. *Chem. Rev.* 57:1-45, 1957. *CC* (4):12, 23 January 1978.
- Cram D J & Elhafez F A A.** Studies in stereochemistry. 10. The rule of 'steric control of asymmetric induction' in the synthesis of acyclic systems. *J. Amer. Chem. Soc.* 74:5825-35, 1952. *CC* (11):13, 13 March 1978.
- Hughes E W.** The crystal structure of melamine. *J. Amer. Chem. Soc.* 63:1737-52, 1941. *CC* (40):13, 2 October 1978.
- Roberts J D & Mazur R H.** Small-ring compounds. 4. Interconversion reactions of cyclobutyl, cyclopropylcarbinyl and allylcarbinyl derivatives. *J. Amer. Chem. Soc.* 73:2509-20, 1951. *CC* (14):11, 3 April 1978.
- Russell G A, Janzen E G & Strom E T.** Electron-transfer processes. 1. The scope of the reaction between carbanions or nitranions and unsaturated electron acceptors. *J. Amer. Chem. Soc.* 86:1807-14, 1964. *CC* (34):13, 21 August 1978.
- Mangold H K.** Thin-layer chromatography of lipids. *J. Amer. Oil Chem. Soc.* 38:708-27, 1961. *CC* (5):12, 30 January 1978.
- Nemethy G & Scheraga H A.** Structure of water and hydrophobic bonding in proteins. 1. A model for the thermodynamic properties of liquid water. *J. Chem. Phys.* 36:3382-400, 1962. *CC* (22):11, 29 May 1978.
- Ness N F, Searce C S & Seek J B.** Initial results of the IMP-1 magnetic field experiment. *J. Geophys. Res.* 69:3531-69, 1964. *CC* (30):8, 24 July 1978.

CLINICAL PRACTICE

- Skeggs L T Jr.** An automatic method for colorimetric analysis.
Amer. J. Clin. Pathol. 28:311-22, 1957. CC (36):13, 4 September 1978.
- Peterson R D A, Cooper M D & Good R A.** The pathogenesis of immunologic deficiency disease. *Amer. J. Med.* 38:579-604, 1965. CC (51):9, 18 December 1978.
- Boucher R, Veyrat R, de Champlain J & Genest J.** New procedures for measurement of human plasma angiotensin and renin activity levels. *Can. Med. A. J.* 90:194-201, 1964. CC (12):13, 9 January 1978.
- Smith D W, Patau K, Therman E & Inhorn S L.** A new autosomal trisomy syndrome: multiple congenital anomalies caused by an extra chromosome.
J. Pediatr. 57:338-45, 1960. CC (42):10, 16 October 1978.
- Patau K, Smith D W, Therman E, Inhorn S L & Wagner H P.** Multiple congenital anomaly caused by an extra autosome. *Lancet* 1:790-3, 1960. CC (48):15, 17 November 1978.
- Harvey A M, Shulman L E, Tumulty P A, Conley C L & Schoenrich E H.** Systemic lupus erythematosus: review of the literature and clinical analysis of 138 cases.
Medicine 33:291-437, 1954. CC (21):11, 22 May 1978.
- Fredrickson D S, Levy R I & Lees R S.** Fat transport in lipoproteins; an integrated approach to mechanisms and disorders.
N. Engl. J. Med. 276:34-44, 94-103, 148-56, 215-25, 273-81; 1967. CC (3):11, 16 January 1978.

AGRICULTURE

- Beadle G W & Tatum E L.** Neurospora. 2. Methods of producing and detecting mutations concerned with nutritional requirements. *Amer. J. Botany* 32:678-86, 1945. CC (29):10, 17 July 1978.
- Cathey H M.** Physiology of growth retarding chemicals.
Annu. Rev. Plant Physiol. 15:272-302, 1964. CC (33):11, 14 August 1978.
- Murashige T & Skoog F.** A revised medium for rapid growth and bioassays with tobacco tissue cultures. *Physiol. Plant.* 15:473-97, 1962. CC (43):10, 23 October 1978.
- Loomis W D & Battaile J.** Plant phenolic compounds and the isolation of plant enzymes. *Phytochemistry* 5:423-38, 1966. CC (37):17, 11 September 1978.
- Abeles F B & Rubinstein B.** Regulation of ethylene evolution and leaf abscission by auxin. *Plant Physiol.* 39:963-9, 1964. CC (39):9, 25 September 1978.

LIFE SCIENCES

- Ahlquist R P.** A study of the adrenotropic receptors.
Amer. J. Physiol. 153:586-600, 1948. CC (45):16, 6 November 1978.
- Riggs I L, Seiwald R I, Burckhalter J H, Downs C M & Metcalf T G.** Isothiocyanate compounds as fluorescent labeling agents for immune serum.
Amer. J. Pathol. 34:1081-92, 1958. CC (17):8, 24 April 1978.
- Skipski V P, Peterson R F & Barclay M.** Quantitative analysis of phospholipids by thin-layer chromatography. *Biochem. J.* 90:374-8, 1964. CC (1):12, 2 January 1978.
- Avron M.** Photophosphorylation by Swiss Chard chloroplasts.
Biochim. Biophys. Acta 40:257-72, 1960. CC (25):10, 19 June 1978.
- Mitchell P.** Chemiosmotic coupling in oxidative and photosynthetic phosphorylation.
Biol. Rev. Cambridge Phil. Soc. 41:445-502, 1966. CC (16):14, 17 April 1978.
- Harnden D G.** A human skin culture technique used for cytological examinations.
Brit. J. Exp. Pathol. 41:31-7, 1960. CC (50) 20:11 December 1978.

Figure 2 (continued)

LIFE SCIENCES (continued)

- Bligh E G & Dyer W D.** A rapid method of total lipid extraction and purification. *Can. J. Biochem. Physiol.* 37:911-17, 1959. CC (52):11, 25 December 1978.
- Baserga R.** Relationship of cellcycle to tumor growth and control of cell division; a review. *Cancer Res.* 25:581-95. CC (32):15, 7 August 1978.
- Bullough W S.** Mitotic and functional homeostatis: a speculative review. *Cancer Res.* 25:1683-727, 1965. CC (20):9, 15 May 1978.
- Haylick L & Moorhead P S.** The serial cultivation of human diploid cell strains. *Exp. Cell Res.* 25:585-621, 1961. CC (26):12, 26 June 1978.
- Simon E J & Shemin D.** The preparation of S-succinyl coenzyme A. *J. Amer. Chem. Soc.* 75:2520, 1953. CC (19):11, 8 May 1978.
- Steere R L.** Electron microscopy of structural detail in frozen biological specimens. *J. Biophys. Biochem. Cytol.* 3:45-60, 1957. CC (47):17, 20 November 1978.
- Caro L G & van Tubergen R P.** High-resolution autoradiography. 1. Methods. *J. Cell Biol.* 15:173-88, 1962. CC (10):11, 6 March 1978.
- Barka T & Anderson P J.** Histochemical methods for acid phosphatase using hexazonium pararosanalin as coupler. *J. Histochem. Cytochem.* 10:741-53, 1962. CC (8):7, 20 February 1978.
- Beutler E.** The glutathione instability of drug-sensitive red cells. A new method for the in vitro detection of drug-sensitivity. *J. Lab. Clin. Med.* 49:84-94, 1957. CC (28):18, 10 July 1978.
- Dunn T B.** Normal and pathologic anatomy of the reticular tissue in laboratory mice, with a classification and discussion of neoplasms. *J. Nat. Cancer Inst.* 14:1281-932, 1954. CC (38):12, 18 September 1978.
- Earle W R, Schilling E L, Stark T H, Straus N P, Brown M F & Shelton E.** Production of malignancy in vitro. 4. The mouse fibroblast cultures and changes seen in the living cells. *J. Nat. Cancer Inst.* 4:165-212, 1943. CC (46):8, 13 November 1978.
- Miller J F A P.** Immunological function of the thymus. *Lancet* 2:748-9, 1961. CC (24):11, 12 June 1978.
- Huang R C & Bonner J.** Histone, a suppressor of chromosomal RNA synthesis. *Proc. Nat. Acad. Sci. US* 48:1216-22, 1962. CC (12):9, 20 March 1978.
- Morris D L.** Quantitative determination of carbohydrates with Dreywood's anthrone reagent. *Science* 107:254-5, 1948. CC (6):9, 6 February 1978.