

Current Comments

The 300 Most-Cited Authors, 1961-1976, Including Co-Authors. 3B. Their Most-Cited Papers and a Correction Note

Number 48

November 27, 1978

Last week we began presenting the most-cited articles by the 300 most-cited authors, 1961-1976. In that essay I explained the format and conventions of the list.¹ This week we will present about 100 more articles. They appear in Figure 1 and cover the fields of immunology, molecular biology, cell biology, oncology and cancer research, physics and biophysics, histology, and pathology.

In looking over this portion of the list, you will notice several husband and wife teams. Kark Eric Hellström and Ingegerd Hellström share the same most-cited article. Mary Osborn's second most-cited article appears this week because she, too, shares her most cited article with her husband, Klaus Weber. (That article appeared last week in the biochemistry section.) Another husband and wife are listed with different most-cited publications. Eva Klein's most-cited publication is "A microassay for cell-mediated immunity," while George Klein's paper, "Tumor antigens" also appears on the list. A further examination of our citation data shows that the two do work together on some projects.

Eva Klein's second most-cited article "Antigenic properties of lymphomas induced by the Moloney agent" lists George Klein as co-author. Gertrude and Werner Henle, who appear in the portion of the list to be published next week, also work together on their projects.

I wish to mention here that there were some errors on our earlier lists of names.²⁻³ One name was discovered to be a homograph. We have, therefore, added a new author to the list, J. L. Gowans. His most-cited publication appears in the immunology section of the list this week. Complete citations for Gowans as well as his prizes and academy memberships appear in Figure 2 along with other corrections.

We would like to thank the readers who brought these errors to our attention. We also apologize for the errors, especially to those who were personally affected by them. I hope that it is obvious that the number of errors discovered to date is relatively small in comparison to the full size and scope of the study.

Next week we will present the final group of most-cited articles for

the fields of organic and inorganic chemistry, microbiology and virology, cardiology, hematology and gastroenterology. There will also be a table of affiliations of the most-cited authors.

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2. The 300 most-cited authors, 1961-1976, including co-authors at last. 1. How the names were selected. *Current Contents* (28):5-17, 10 July 1978.
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Figure 1. Part 2 of the list of the 300 most-cited authors' most-cited publications, 1961-1976. Publications are listed by discipline, then alphabetically by most-cited author in bold-face type. Authors' affiliations at the time the papers were written are included in parentheses.

Total Citations 1961-1976	Bibliographic Data
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IMMUNOLOGY

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Figure 1 (continued)**PATHOLOGY**

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Figure 2: Corrections to the list of the 300 most-cited authors, 1961-1976.**1. Birth Dates**

We erroneously reported Max D. Cooper to be the youngest author on the list with a birth date of 1945. Dr. Cooper was born in 1933. Stuart A. Aaronson, born in 1942, is the youngest author.

Paul Mandel was not born in 1942 as we originally reported, but in 1908.

2. Disciplines

Gerald D. Fasman is a biochemist, not a pathologist.

Paul Mandel is in cell biology rather than biophysics, H.N. Munro is a biochemist rather than a physiologist, and K. Weber is in biochemistry, not biophysics.

3. Awards

The Waksman Award is given by the Theobald Smith Society, New Jersey branch of the American Society for Microbiology.

4. Replacement

The name "G. Weber" proved to be a homograph, representing several people, none of whom received enough citations to make the list. The name has therefore been deleted and replaced with the following:

Gowans J L (1924) in Immunology

Total citations: 3702

Total papers: 37

Citations as 1st author: 1891

1st author papers: 11

Citations as co-author: 1811

Co-author papers: 26

Awards: Gairdner/68

Academy: UK

Gowans' most-cited paper appears in Figure 1 in the Immunology section.