



# Essays of an Information Scientist

## TABLE OF CONTENTS

### Volume 3

<i>date</i>	<b>page</b>	<i>Foreword v</i>	<i>Preface xi</i>
3 Jan 77	1	Introducing <i>Citation Classics</i> : the human side of scientific reports.	
10 Jan 77	3	On style in scientific writing.	
<i>Orig. Article</i>	4	<b>S. Aaronson.</b> Style in scientific writing.	
17 Jan 77	14	Introducing: The Unification Church and the Reverend Moon.	
<i>Orig. Article</i>	15	<b>R. Cohen.</b> The Unification Church and the Reverend Moon.	
24 Jan 77	22	Journal citation studies. 31. Italian journals.	
31 Jan 77	27	New Year's greetings—and other correspondence—keep the spirit bright all year long!	
7 Feb 77	34	Highly cited articles. 34. Articles from Italian journals and from Italian laboratories.	
14 Feb 77	42	Project <i>Keysave</i> —ISI's new on-line system for keying citations corrects errors!	
21 Feb 77	45	Highly cited articles. 35. Biochemistry papers published in the 1940s.	
28 Feb 77	52	ISI adds “non-journal” material to the 1977 <i>Science Citation Index</i> .	
7 Mar 77	54	Highly cited articles. 36. Physics, chemistry and mathematics papers published in the 1940s.	
14 Mar 77	61	The vegetarian alternative.	
21 Mar 77	70	The <i>Permuterm Subject Index</i> : an autobiographical review.	

## Contents

28 Mar 77	76	Highly cited articles. 37. Biomedical articles published in the 1940s.
4 Apr 77	84	Proposal for a new profession: scientific reviewer.
11 Apr 77	88	Le nouveau défi Américain. I.
Reprint	89	<b>E. Garfield.</b> Is French science too provincial? <i>La Recherche</i> 7:757-60, 1976.
18 Apr 77	95	Le nouveau défi Américain. II.
25 Apr 77	103	Citation analysis and the anti-vivisection controversy.
2 May 77	109	The ISI grant program.
9 May 77	111	Shopping for a surgeon.
16 May 77	116	Confessions of a cab driver.
23 May 77	119	What some science students don't know: <i>Current Contents</i> can help them during and after their formal education.
30 May 77	121	Treating the whole person: the use of social sciences information in medical libraries.
6 June 77	125	Highly cited articles. 38. Physics and chemistry papers published in the 1950s.
13 June 77	130	The significant journals of science.
Reprint	132	<b>E. Garfield.</b> Significant journals of science. <i>Nature</i> , Vol. 264, No. 5587, pp. 609-615, December 15, 1976.
20 June 77	147	Highly cited articles. 39. Biochemistry papers published in the 1950s.
27 June 77	155	Negative science and "The outlook for the flying machine".
Reprint	167	<b>S. Newcomb.</b> The outlook for the flying machine. <i>The Independent: A Weekly Magazine</i> 22 October 1903, pp. 2508-12.
4 July 77	173	The agony and ecstasy of publishing your own book: <i>Essays of an Information Scientist</i> .
11 July 77	176	Robert K. Merton: among the giants.
18 July 77	179	Highly cited articles. 40. Biomedical and behavioral papers published in the 1950s.
25 July 77	187	Reducing the noise level in scientific communication: how services from ISI aid journal editors and publishers.

## Contents

<i>Reprint</i>	<b>189</b>	<b>E. Garfield.</b> How services from the Institute for Scientific Information (ISI) aid journal editors and publishers. Paper presented at the First International Conference of Scientific Editors in Jerusalem, April 25-29, 1977.
<i>1 Aug 77</i>	<b>198</b>	Hotel horror stories.
<i>8 Aug 77</i>	<b>204</b>	Will ISI's <i>Arts &amp; Humanities Citation Index</i> revolutionize scholarship?
<i>15 Aug 77</i>	<b>209</b>	The ISI lecturer program: a pragmatic approach to teaching students about information services.
<i>22 Aug 77</i>	<b>213</b>	To remember my brother, Robert L. Hayne.
<i>29 Aug 77</i>	<b>215</b>	To cite or not to cite: a note of annoyance.
<i>5 Sept 77</i>	<b>219</b>	Cremation: a sensible alternative.
<i>12 Sept 77</i>	<b>223</b>	The information-conscious university and ASCA software.
<i>19 Sept 77</i>	<b>226</b>	What this country needs is a free phone call.
<i>26 Sept 77</i>	<b>232</b>	Restating the fundamental assumptions of citation analysis.
<i>Reprint</i>	<b>234</b>	<b>B.C. Griffith, M.C. Drott, H.G. Small.</b> On the use of citations in studying scientific achievements and communication. <i>Society for Social Studies of Science Newsletter</i> 2:9-13, Summer 1977.
<i>Reprint</i>	<b>240</b>	<b>D. Edge.</b> Why I am not a co-citationist. <i>Society for Social Studies of Science Newsletter</i> 2:13-19, Summer 1977.
<i>3 Oct 77</i>	<b>247</b>	ISI's new <i>Index to Scientific &amp; Technical Proceedings</i> lets you know what went on at a conference even if you stayed at home.
<i>10 Oct 77</i>	<b>253</b>	Viewdata and SCITEL bring interactive information systems into the home.
<i>17 Oct 77</i>	<b>259</b>	A study of Canadian journal data illustrates the potential for citation analysis.
<i>Reprint</i>	<b>262</b>	<b>C.T. Bishop.</b> Canadian journals are better than some think. <i>Science Forum</i> 10(3):20-22, June 1977.
<i>24 Oct 77</i>	<b>267</b>	To indent or not to indent? How to improve journal contents page formats.
<i>31 Oct 77</i>	<b>271</b>	Information theory and all that jazz: a lost reference list leads to a pragmatic assignment for students.

## Contents

<i>Reprint</i>	<b>274</b>	<b>E. Garfield.</b> Information theory and other quantitative factors in code design for document card systems. <i>Journal of Chemical Documentation</i> 1:70, 1961.
7 Nov 77	<b>286</b>	Everything you always wanted to know about ISI data bases but were afraid to ask.
<i>Reprint</i>	<b>288</b>	<b>E. Garfield, M. Koenig, T. DiRenzo.</b> ISI data-base-produced information services. <i>IEEE Transactions on Professional Communication</i> PC-20(2):95-9, September 1977.
14 Nov 77	<b>299</b>	Sir Peter B. Medawar: consummate scientific professional, accomplished literary amateur.
21 Nov 77	<b>307</b>	Can reprint requests serve as a new form of international currency for the scientific community?
28 Nov 77	<b>316</b>	Citation analysis and the anti-vivisection controversy. Part II. An assessment of Lester R. Aronson's citation record.
5 Dec 77	<b>326</b>	The 250 most-cited primary authors, 1961-1975. Part I. How the names were selected.
12 Dec 77	<b>337</b>	The 250 most-cited primary authors, 1961-1975. Part II. The correlation between citedness, Nobel prizes, and academy memberships.
19 Dec 77	<b>348</b>	The 250 most-cited primary authors, 1961-1975. Part III. Each author's most-cited publication.
26 Dec 77	<b>364</b>	The computer: practical tool, ultimate toy.
<i>Reprint</i>	<b>367</b>	<b>M.E.D. Koenig.</b> The toy theory of western history. <i>Bulletin of the Atomic Scientists</i> 23:16-8, 1977.
2 Jan 78	<b>372</b>	More on cremation and other alternatives to traditional burial.
9 Jan 78	<b>379</b>	Miniprint: is it a practical way to cut publishing costs? or If you can read this, you can read miniprint!
16 Jan 78	<b>387</b>	The new Copyright Clearance Center and the doctrine of fair use.
23 Jan 78	<b>393</b>	ISI's master dictionary aids scientific etymology and reflects changes in science.
30 Jan 78	<b>400</b>	IIA Hall of Fame Award helps make 1977 a good year.

## Contents

<i>Reprint</i>	<b>403</b>	<b>E. Garfield.</b> The future of the information industry. Speech given upon receipt of Information Industry Association (IIA) Hall of Fame Award, October 5, 1977, Port Chester, New York.
<i>6 Feb 78</i>	<b>407</b>	ISI's <i>Who Is Publishing In Science</i> : why is it an idea whose time has <i>not</i> come?
<i>13 Feb 78</i>	<b>411</b>	To remember Chauncey D. Leake.
<i>20 Feb 78</i>	<b>422</b>	To remember my father.
<i>27 Feb 78</i>	<b>424</b>	Keeping up with new magazines.
<i>6 Mar 78</i>	<b>434</b>	ISI is now helping to bridge the three (not two) cultures.
<i>13 Mar 78</i>	<b>440</b>	Style in cited references.
<i>20 Mar 78</i>	<b>448</b>	Information science and technology have come of age—organizational names should show it.
<i>27 Mar 78</i>	<b>452</b>	The Gordian knot of journal coverage: why we can't put all the journals you want into the <i>Current Contents</i> edition you read.
<i>3 Apr 78</i>	<b>455</b>	Creative philanthropy. I. Is it necessary to be non-profit to be philanthropic?
<i>10 Apr 78</i>	<b>461</b>	Creative philanthropy. II. Getting more bang for the buck!
<i>17 Apr 78</i>	<b>465</b>	Chemical information for the man who has everything.
<i>Reprint</i>	<b>468</b>	<b>E. Garfield.</b> Where is chemical information science going? <i>Journal of Chemical Information and Computer Sciences</i> 18:1-4, 1961.
<i>24 Apr 78</i>	<b>474</b>	National Science Foundation stimulates sociometric, science policy studies through innovative contract with ISI.
<i>1 May 78</i>	<b>477</b>	Social sciences information—a vital link between the law and our evolving society.
<i>8 May 78</i>	<b>482</b>	In recognition of journals which prove that change <i>is</i> possible.
<i>15 May 78</i>	<b>488</b>	False publication dates and other rip-offs.
<i>22 May 78</i>	<b>492</b>	So who's perfect? Corrections and additions to the 250 most-cited authors list.
<i>29 May 78</i>	<b>498</b>	Do French scientists who publish outside of France and/or in English do better research?

## Contents

- 5 June 78 504 To remember Ralph Shaw.
- 12 June 78 511 The scientist in the courtroom: a heady experience with many dangers.
- 19 June 78 517 Radio: the neglected medium for scientific communication.
- 26 June 78 522 Money exchange—the traveler's dilemma.
- 3 July 78 529 Chiropractic: still controversial after nearly 100 years.
- 10 July 78 538 The 300 most-cited authors, 1961-1976, including co-authors at last. 1. How the names were selected.
- 17 July 78 551 Introducing PRIMATE—Personal Retrieval of Information by Microcomputer And Terminal Ensemble.
- 24 July 78 556 Announcing *Current Contents/Arts & Humanities*: in 1979 our *Current Contents* series will cover virtually every academic discipline.
- 31 July 78 559 The endless quest for timeliness—a fourth quarterly *Science Citation Index*.
- 7 Aug 78 563 The 100 articles most cited by social scientists, 1969-1977.
- 14 Aug 78 573 Introducing *Index to Social Sciences & Humanities Proceedings*—more help in locating and acquiring proceedings.
- 21 Aug 78 579 Science journalism: you've come a long way baby, but...!
- 28 Aug 78 587 The 300 most-cited authors, 1961-1976, including co-authors. Part 2. The relationship between citedness, awards, and academy memberships.
- 4 Sept 78 613 Scientists' image in movies and tv programs.
- 11 Sept 78 621 The 100 books most cited by social scientists, 1969-1977.
- 18 Sept 78 633 The 100 most-cited *SSCI* authors, 1969-1977. 1. How the names were selected.
- 25 Sept 78 640 ASCA can help you monitor publication in your organization or country.
- 2 Oct 78 644 The ethics of scientific publication.
- 9 Oct 78 652 High impact science and the case of Arthur Jensen.
- 16 Oct 78 663 Is *Current Contents* a periodical? The landmark case of *ISI v. US Postal Service*.

## Contents

23 Oct 78	668	Making contacts at conferences—a problem for the young scientist.
30 Oct 78	673	The incredible INFOROMETER.
6 Nov 78	675	The 100 most-cited <i>SSCI</i> authors. 2. A catalog of their awards and academy memberships.
13 Nov 78	686	Beverly Bartolomeo and 20 years of <i>Current Contents</i> .
20 Nov 78	689	The 300 most-cited authors, 1961-1976, including co-authors. 3A. Their most-cited papers—introduction and journal analysis.
27 Nov 78	701	The 300 most-cited authors, 1961-1976, including co-authors. 3B. Their most-cited papers and a correction note.
4 Dec 78	711	The 300 most-cited authors, 1961-1976, including co-authors. 3C. Their most-cited papers and affiliation data.
11 Dec 78	723	Additional history and sociology of science coverage in <i>Current Contents</i> .
18 Dec 78	727	Five years of <i>Current Book Contents</i> and multi-authored book indexing.
25 Dec 78	731	Reflections on 1978: looking forward to 1979.
		Cumulated index to <i>Essays</i> , Vols. 1, 2 & 3
	737	Cited-Author Index
	753	Subject Index
	789	List of Essay Titles
	801	Index to Illustrations
	807	Index to Authors in Most-Cited Lists