

# SUBJECT INDEX

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Mention or discussion of individuals in an essay often includes reference to one or more of that person's published papers. Therefore, readers doing name searches should also consult the Cited-Author Index in each volume.

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*Annals of the American Academy of  
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*Automation and Scientific  
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*Bulletin of the American Society for  
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*Chemical Engineering News*, 1966 1:120  
*Chemistry in Britain*, 1969 1:126  
*CHEMTECH*, 1976 2:525  
*Database*, 1980 6:641  
*FEMS Microbiology Letters*, 1992 15:183  
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*Foundations of Access to Knowledge*,  
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*Information for Action*, 1975 2:640  
*Information Technology: The Public  
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*Interdisciplinary Science Reviews*, 1979  
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*International Conference of Scientific  
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*JAMA-Journal of the American Medical  
 Association*, 1971 1:249  
*JAMA-Journal of the American Medical  
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*JAMA-Journal of the American Medical  
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*Journal Citation Reports*, 1976 2:558  
*Journal of the American Society for  
 Information Science*, 1971 1:236  
*Journal of the American Society for  
 Information Science*, 1976 7:546  
*Journal of Chemical Documentation*,  
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*Journal of Chemical Documentation*,  
 1966 7:536  
*Journal of Chemical Documentation*,  
 1967 6:533  
*Journal of Chemical Information and  
 Computer Sciences*, 1978 3:468  
*Journal of Chemical Information and  
 Computer Sciences*, 1985 9:42  
*Journal of Documentation*, 1954 6:444  
*Journal of Information Science*, 1979  
 6:609  
*Journal of Information Science*, 1985  
 9:325  
*Journal of Library History*, 1967 6:609  
*Journal of Library History*, 1970 1:139  
*Journal of the Indian Institute of Science*,  
 1975 2:356  
*Journal of the Patent Office Society*, 1957  
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*Karger Gazette*, 1966 1:33  
*Little Science, Big Science...and Beyond*,  
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*Nature*, 1961 6:489  
*Nature*, 1969 1:77  
*Nature*, 1970 1:133  
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*Nature*, 1983 6:644  
*New Scientist*, 1968 1:27  
*New Scientist*, 1970 1:71  
*Pathology Annual*, 1976 2:646, 2:658  
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*Proceedings of the International  
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 Information*, 1959 2:674  
*Recherche, La*, 1976 3:89  
*Research Program Effectiveness*, 1966  
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*SciTech News*, 1975 6:468  
*Science*, 1955 6:468  
*Science*, 1964 7:525  
*Science*, 1967 7:543  
*Science*, 1972 1:527  
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- Science and Public Policy*, 1983 6:254, 6:265
- Science and Social Structure*, 1980 6:314, 6:321
- Scientometrics*, 1985 8:233
- Special Libraries*, 1957 6:485
- Statistical Association Methods for Mechanized Documentation*, Symposium Program 1:84
- Theoretical Medicine* 1992 15:118, 15:128
- Times Higher Education Supplement*, 1988 11:296
- Trends in Biochemical Science (TIBS)*, 1979 4:419
- Wilson Library Bulletin*, 1974 2:250
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- Annals of the American Academy of Political and Social Science*, 1990 13:282
- Annals of Internal Medicine*, 1991 14:176
- Annual Review of Genetics*, 1987 11:181, 11:196
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- BioScience*, 1990 13:242
- Bulletin of Atomic Scientists*, 1977 3:367
- Bureau of the Census: Fourth Annual Research Conference Proceedings*, 1988 12:354
- Canadian Journal of Psychiatry*, 1989 13:2
- Canadian Nuclear Society Bulletin*, 1989 13:40
- CBE Views*, 1989 13:21
- ChildCare ActioNews*, 1989 12:271
- Chronicle of Higher Education*, 1982 8:162
- Citation Indexing*, foreword, 1979 4:218
- CoEvolution Quarterly*, 1983 7:230
- CoEvolution Quarterly*, 1984 7:347
- College & Research Libraries*, 1988 12:240
- College & Research Libraries*, 1989 13:196
- Encyclopedia of Library and Information Science*, 1974 2:197
- Essays of an Information Scientist*, Volume 11 foreword 13:469
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- Excitement and Fascination of Science, The*, 1990 13:31
- FEMS Microbiology Letters*, 1992 15:183
- Grand Street*, 1988 12:162
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- Hastings Center Report*, 1984 8:271
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- Independent, The: A Weekly Magazine*, 1903 3:167
- Information Scientist, The*, 1976 2:543
- Information Technology: The Public Issues*, 1988 11:369
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- International Encyclopedia of the Social Sciences, The* 1991 14:94
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- Jabberwocky: Journal of the Lewis Carroll Society*, 1985 12:26
- JAMA—the Journal of the American Medical Association*, 1988 12:45
- JAMA—the Journal of the American Medical Association*, 1990 13:90
- JAMA—the Journal of the American Medical Association*, 1993 15:369
- Journal of Chemical Documentation*, 1971 1:304
- Journal of Documentation*, 1987 12:170
- Journal of Human Resources*, 1986 11:356
- Journal of Humanistic Psychology*, 1993 15:341
- Journal of Information Science*, 1986 11:277
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- Library Quarterly*, 1986 11:21
- Little Science, Big Science...and Beyond*, foreword, 1986 10:73
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- Mount Sinai Journal of Medicine, The* 1992 15:305
- Nature*, 1946 12:17
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*Proceedings of the International Association of Marine Science Libraries and Information Centers*, 1988 12:130  
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*Psychological Science*, 1990 14:181  
*Psychology and Aging*, 1989 12:361  
*Public Understanding of Science*, 1992 15:175  
*R & D Management*, 1987 11:246  
*Research Policy*, 1988 13:13  
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*Rockefeller University Research Profiles, The*, 1990 13:348  
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*South African Journal of Science*, 1989 13:117  
*Society for the Social Studies of Science Newsletter*, 1977 3:234, 3:240  
*Special Libraries*, 1957 6:485  
*Technological Forecasting and Social Change*, 1984 8:23  
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*Times Higher Educational Supplement*, 1988 11:296

*Toward a Metric of Science: The Advent of Science Indicators*, 1978 6:580

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