

# Current Comments®

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## How to Use the Arts & Humanities Citation Index (A&HCI) and What's in It for You and Your Mate!

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Although most readers of *Current Contents*® (CC®) are scholars and researchers in the physical and life sciences, many seem to enjoy my occasional forays into the world of the arts and humanities. This is not a coincidence. Considering the strong correlation between musical and mathematical ability, it is not surprising that many CC readers are excellent musicians. A catalog of famous scientists who were also musicians would fill several pages.

Aleksandr Borodin, the well-known Russian composer, was chiefly a chemist and university professor. He made notable contributions to research on aldehydes and amarine. Borodin often turned to musical composition when he wanted to relax from his professional scientific work. Yet, he is remembered today first as a composer, and second, if at all, as a chemist. There are numerous examples of the music-science connection. It is less well known, however, that scientists often display literary or artistic creativity.<sup>1</sup> For example, I was interested to learn recently about Carl Djerassi's<sup>2</sup> talent in combining science and poetry. And Louis Pasteur was a remarkable portrait painter.

The essential unity of the humanities and science is especially apparent when we consider the nature of such fields as medical anthropology, computerized and electronic music, the history of science, biomedical ethics and communication, and dozens of others that bridge the two cultures. Someday soon,

through co-citation analysis and cluster mapping, we hope to demonstrate more systematically the "connectivity" of the natural and social sciences with the arts and humanities. Meanwhile, I am reminded of Jacob Bronowski<sup>3</sup> and the observation made by him and Bruce Mazlish in *The Western Intellectual Tradition*: "Every thoughtful man who hopes for the creation of a contemporary culture knows that this hinges on one central problem—to find a coherent relation between science and the humanities."<sup>4</sup> (p. vii)

You may reasonably ask, therefore, why it is that we segment ISI®'s database into three areas—sciences, social sciences, and the arts and humanities. Why isn't there one unified index to the entire body of scholarly literature? Indeed, at ISI we now maintain machine-readable files that essentially constitute that unified index.

The answer to this question is almost purely economic. There is much more journal literature published in the sciences than there is in the humanities. Librarians of arts and humanities collections certainly would find it difficult to purchase a unified index, whose greater part they view as non-essential for their users' information needs. Increased use of online files has already made and will make it a little easier to conduct interdisciplinary searches. But the present realities of marketing make it necessary for us to produce not only a separate *Arts & Humanities Citation Index*™

(*A&HCI*™) print product, but a separate online file as well.

It is unlikely that the average reader of *CC* would think to consult the *A&HCI*, even though there are hundreds of examples that show there are important benefits to be derived for the scientist from such use. Aside from a lack of familiarity with the *A&HCI* and the false assumption that there is little in it for the scientist, there is another impediment that stops scientists from using the *A&HCI*.

Although the *A&HCI* is available in most large university library systems, I suspect it is perhaps not conveniently accessible to users of specialized science libraries that are often physically removed from the main library. We have taken steps to solve this problem. The *A&HCI* file is now available online through the BRS system, and is known as *Arts & Humanities SEARCH*™. Thus, you'll be able to use the *A&HCI* online much the same way as you use *SCISEARCH*® for the *Science Citation Index*® (*SCI*®) and *Social SCISEARCH*® for the *Social Sciences Citation Index*® (*SSCI*®).<sup>5</sup>

In terms of format and content, journals in the arts and humanities differ considerably from their counterparts in the physical and social sciences. In accommodating such differences, we found it necessary to modify the way we index and present bibliographic information from humanities journals,<sup>6-9</sup> in both the printed version and online. Therefore, I think it will serve you well if we describe how you can use the *A&HCI* both for multidisciplinary searches and in pursuing your occasional desire to find out more about your favorite artist, composer, or novelist. The *A&HCI* gives you access to these and the literature of 15 major fields (see Table 1), including the history and philosophy of science.

Indeed, if you should be so fortunate as to receive a Nobel Prize in medicine or physics, or some other such honor,

**Table 1:** Selected disciplines in the arts and humanities covered by the *A&HCI*™.

archaeology  
architecture  
art  
classics  
dance  
film, TV & radio  
folklore  
history  
language & linguistics  
literature  
music  
oriental studies  
philosophy  
theater  
theology & religious studies

you might find yourself rubbing shoulders with all sorts of literary figures. So it might be advantageous for you to find out quickly what the world of scholarship thinks about people like Gabriel García Márquez, Isaac Bashevis Singer, or William Golding, the 1983 Nobel laureate for literature, whom we will discuss very soon in our review of the 1983 prizes.

So, just how do you use the *Arts & Humanities Citation Index*?

Suppose you are preparing a lecture on how sociocultural factors influence the development of science. You may know that a recent book, *The Mismeasure of Man*, by Harvard zoologist Stephen Jay Gould, addresses this problem.<sup>10</sup> To discover what arts and humanities authors may contribute to your discussion, you could turn to the *Citation Index* of the printed edition of the *A&HCI* or you could search online for the cited reference (CR) in *Arts & Humanities SEARCH*.

In the list of cited works by Gould, illustrated in Figure 1, you may immediately notice a difference in format from that of the *SCI* or *SSCI*: the cited works are arranged alphabetically rather than chronologically. We changed the format because books have greater importance as the medium of scholarly communication in the humanities than in the sciences. These books, frequently "classics," often appear in

Figure 1: Sample entry from the 1983 *A&HCI*™ Citation Index. The cited author is S.J. Gould. Listed beneath his name, in alphabetic order, are the titles of his works cited in 1983. The arrow points to his book *The Mismeasure of Man*. An asterisk appears beside the condensed citations for the nine citing articles. A condensed citation includes the author's name, an abbreviated version of the journal title, volume, first page, and year. A code letter appearing between the journal title and volume number indicates the type of citing article. (A key to these codes appears below). The absence of a code letter indicates that the citing item is an article. These codes appear both in the *Citation Index* and in the Geographic Section of the *Corporate Index*. In a *Source Index* entry, the type of citing article is written out fully after the title of the item.

GOULD SJ.....				
BIGL REV 41	507	1986		
NICHOLS C	PHILOS S	SC	13	207 83
EVER DARWIN REFLECTI	1973			
ADOCK M	PHILOS SCI		90	130 83
EVER SINCE DARWIN RE	1977			
APPLEMAN P	BK #	35153	1982	112 82
MEYER LB	CRIT INQ		9	517 83
STEWART A	ART BULL		B	65 172 83
EVER SINCE DARWIN RE	1980			
BEQUEMO D	PENSEE		1983	83 83
HENS TEETH AND HORSE				
ROSE S	NY TIMES R		B	88 3 83
HENS TEETH HORSES TO				
NY TIMES R			R	88 52 83
SMITHSONIAN			B	14 118 83
LESSEM D				
MISMEASURE MAN 1981				
FANCHER RE	BR J HIST S		16	67 83
JANIK A	ETHICS		B	94 153 83
LONGINO HE	INQUIRY		26	85 83
LUBBOCK J	ARCHIT REV		174	45 83
MEHLMAN J	BOUND TWO		11	81 83
PARK RJ	RES Q EXERC		E	54 93 83
SAVAGE GL	J CONT HIST		18	261 83
STAR SL	SOCIAL ST S		13	205 83
STEWART A	ART BULL		B	65 172 83
NATURAL HIST	89	8	1980	
NATURAL HIST	v90	1981		
LUKAS M	ANTHQUITY		57	7 83
NATURAL HIST APR	116	1982		
KEEGAN RT	J HIST BEH		19	15 83
NATURAL HIST DEC	p70	1974		
COLP R	HIST POLIT		14	461 82
NATURAL HIST SEP	p92	1981		
KEEGAN RT	J HIST BEH		19	15 83
NEW LIT HIST	2	299	1971	
NICHOLS C	PHILOS S	SC	13	207 83
NEW YORK REV	80	832	1983	
LOLLI G	SCIENTIA		117	501 82
ONTOGENY PHYLOGENY	1977			
GASC JP	PENSEE		1983	75 83
NICHOLS C	PHILOS S	SC	13	207 83
P ROY SOC LOND B	BIO	205	501	1979
BECHTEL W	AUST J PHIL		61	378 83
DUNNELL RC	AM J ARCHAEO		R	87 521 83
PALEOBIOLOGY SPR	1977			
BEQUEMO D	PENSEE		1983	83 83
PALEOBIOLOGY	3	115	1977	
THOMPSON P	PHILOS SCI		50	432 83
VALDERAS JM	FOL HUMANIS		20	765 82
PALEOBIOLOGY	6	96	1982	
EDWARDS KJ	J ARCH SCI		E	10 413 83
THOMPSON P	PHILOS SCI		50	432 83
PALEOBIOLOGY	6	119	1980	
THOMPSON P	PHILOS SCI		50	432 83
VALDERAS JM	FOL HUMANIS		20	765 82
PALEOBIOLOGY	7	128	1981	
THOMPSON P	PHILOS SCI		50	432 83
PANDAS THUMB MORE RE	1980			
COOMBS MC	T AM PHIL S		73	1 83
POUCE PANDA GRANDES				
WALUSINS G	QUINZ LIT		B	1983 26 83
POUCE PANDA NOUVELLE	1982			
CHEVALLI J	REV CINEMA		N	1982 5 82
RECHERCHE 1982				
GASC JP	PENSEE		1983	75 83
SCIENCE 216	380	1982		
GRUBER HE	J HIST BEH		19	4 83
LONGINO HE	INQUIRY		26	85 83
THOMPSON P	PHILOS SCI		50	432 83
VALDERAS JM	FOL HUMANIS		20	765 82
SCIENCE 216	386	1982		
SCIENCE 219	439	1983		
CENTORE FF	THOMIST		47	550 83
GOULD T.....				
ESSAYS KANTS AESTHET	p179	1982		
GUYER P	MONIST		66	167 83
INSIDE OUTSIDER LIFE				
EWART G	TLS-TIMES L		B	1983 979 83
NEW SOC 42	314	1977		
STAPE JH	TWEN CT LIT		R	29 249 83
ODIPUS KING SOPHOC	1970			
NEWTON RM	HERMES-2	KL	N	111 251 83
PLATONIC LOVE 1963				
CHEN LCN	CLASS Q		33	66 83

Codes Indicate Type of Source Item:

- BLANK ARTICLE
- A ART REVIEW
- B BOOK REVIEW
- C CORRECTION (includes additions, errata)
- D DISCUSSION
- E EDITORIAL (includes interviews)
- F FILM REVIEW
- G MUSIC SCORE REVIEW
- H RECORD REVIEW
- I BIOGRAPHICAL ITEM (includes items about individuals, tributes, obituaries)
- J MUSIC PERFORMANCE REV.
- K CHRONOLOGY
- L LETTER
- M MEETING ABSTRACT
- N NOTE
- O FICTION/PROSE (includes short stories and other works of creative prose)
- Q SCRIPT (includes film scripts, plays, and TV/radio scripts)
- R BIBLIOGRAPHY, REVIEW (includes review articles not performance reviews, bibliographies, all "ographies"—discographies, filmographies, etc.)
- S MUSIC SCORE
- T THEATER REVIEW
- V TV/RADIO REVIEW
- X EXCERPT
- Y POEM
- Z DANCE REVIEW

numerous editions. If these books were arranged chronologically, citations to the same works would be widely separated.

Note the journals in 1983 that contained articles citing Gould's book: *British Journal for the History of Science*, *Ethics*, *Inquiry*, *Architectural Review*, *Bound Two—A Journal of Post-modern Literature*, *Research Quarterly for Exercise and Sport*, *Journal of Contemporary History*, *Social Studies of Science*, and *Art Bulletin*. This group surely demonstrates the value of citation indexing in bridging the two-culture chasm. And the *Source Index* can give you full bibliographic information on these articles, just as the *Source Index* of the *SCI* or *SSCI* does.<sup>11,12</sup> The entries for five of these articles appear in Figure 2.

Apart from the alphabetic rather than chronologic arrangement of cited works

Figure 2: 1983 A&HCI™ Source Index entries for five authors citing S.J. Gould's *The Mismeasure of Man*. An arrow points to this work in each entry's list of condensed citations. Full bibliographic information for a citing article is given in a Source Index entry: name of author, code for the language of the item if other than English, full title of item, type of item if other than an article, journal title, volume, number, year, full pagination, number of references, and author's address. The list of condensed citations follows. Note that in the entry for A. Janik's review of Gould's book, an implicit citation to *The Mismeasure of Man* has been created, so that the review can be retrieved through the Citation Index.

FANCHER RE  
GALTON, FRANCIS AFRICAN ETHNOGRAPHY AND ITS ROLE IN THE DEVELOPMENT OF HIS PSYCHOLOGY  
BR J HIST S 16(52):67-79 83 26R  
YORK UNIV, DEPT PSYCHOL, DOWNSVIEW MSJ 1P3, ONTARIO, CANADA

ANDERSSON CJ 1836 LAKE MEANI  
BIDDISS MD 74 IMAGES RACE  
BRODIE F 47 DEVL. DRIVES LIFE R  
BURTON RF MISSION GELELE KING 40 670  
CARLYLE 1849 FRASERS MAGAZINE  
COWAN ES 77 STUDIES HIST BOIL 1  
CRUICKSHANK B 1853 18 YEARS GOLD COAST  
CURTIN PD IMAGE AFRICA BAIT ID 74 F GALTON LIFE WORK V  
FOREST DW 74 F GALTON LIFE WORK V  
GALTON F HEREDITARY GENIUS 22 140  
1852 J ROYAL GEOGRAPHICAL  
1853 TROPICAL S AFRICA 6 121  
1861 MISSION FIELD 12 137  
1860 MACMILLANS MAGAZINE  
MEMORIES MY LIFE  
81 MISMEASURE MAN  
99 DEATH ADAM EVOLUTION  
66 NATIVE TRIBES SW APR 73  
LIVESTONE  
RECORDS CAPTAIN CLAP  
PRINCIPLES POLITICAL 1850  
FRASERS MAGAZINE 41 25  
LIFE LETT LABOURS  
85 PHYSICAL HIST MA  
1863 DISCOVERY SOURCE H  
66 RACE CULTURE EVOLUTI

JANIK A  
THE MISMEASURE OF MAN - GOULD, S.J. & BOOK REVIEW  
ETHICS 94(1):153-155 83 1R  
BOSTON UNIV, CTR PHILOSOPHY & HIST SCI, BOSTON, MA 02215, USA  
81 MISMEASURE MAN

LONGINO HE  
SCIENTIFIC OBJECTIVITY AND THE LOGICS OF SCIENCE  
INQUIRY 26(1):85-106 83 64R  
MILLS COLL, OAKLAND, CA 94613, USA

ACHINSTEIN P 89 CONCEPTS SCI PHILOS 91  
ARDELLSON KP 89 DISCOVERING REALITY  
BERNSTEIN J 79 SIGNES 4 139  
BLEIER H 81 SCIENCE 212 137  
BROAD W 70 MINNESOTA STUDIES PH 5 204  
BUCHANAN G 77 HIST PHLOS DIMENSIO 36  
BUTTS R 76 PHLOS SCI 3 439  
CARNAP R 51  
39 F LOGIC MATH  
52 LOGICAL F PROBABILIT 17 199  
80 AM PHLOS D  
DISCOURSE ON METHOD  
MEDITATIONS  
METEOROLOGY  
78 INQUIRY 21 33  
78 WHAT IS WORLD MADE O  
62 MINNESOTA STUDIES PH 70  
70  
75 AGAINST METHOD  
87 FADS FALLACIES NAME  
86 THEORY EVIDENCE  
81 BAD HUMAN HLTH  
60 FACT FICTION FORECAS  
80 NEW YORK REV BOOKS 27 36  
81 MISMEASURE MAN  
82 SCIENCE 236 300  
67 PHLOS STUDIES 18 19  
58 PATTERNS DISCOVERY  
78 1978 P BIENN M PHIL 199  
80 INQUIRY 23 14  
58 MINNESOTA STUDIES PH 43  
ASPECTS SCI EXPLANAT 3  
66 PHLOS NATURAL SCI  
60 FORCES FIELDS  
78 SCI IMAGINATION 23  
60 MICHELSON SPEED LIGH  
80 J PHLOS 77 773  
57 COPERNICAN REVOLUTIO  
70 STRUCTURE SCI REVOLU  
77 PROG ITS PROBLEMS  
81 STUDIES HIST PHLOS 12 269  
48 MYSELF OTHERS  
79 PHLOS SCI 46 36  
62 MINNESOTA STUDIES PH 33 19  
81 PHLOS SCI 48 490  
53 NEWTONS PHLOS NATUR  
45 OPEN SOC ITS ENEMIES  
54 LOGIC SCI DISCOVERY  
62 CONJECTURES REPUTATI  
72 OBJECTIVE KNOWLEDGE  
75 MIND LANGUAGE REALTY  
78 MEANING MORAL SCI  
71 SCI KNOWLEDGE ITS SO  
75 R FRANKLIN DNA  
64 PHLOS REV 73 383  
64 NINO COSMOS  
66 DOUBLE HELIX  
82 J SOCIAL BOD. STRUCT  
77 1ST 3 MINUTES MODERN  
86 ORIGINS FIELD THEORY  
60 PUBLIC KNOWLEDGE SOC  
76 FORCE KNOWLEDGE

MEHLMAN J  
CRANIOMETRY AND CRITICISM - NOTES ON A VALERYAN  
CRISSCROSS  
BOUND TWO 11(1-2):93-101 83 38R  
BOSTON UNIV, BOSTON, MA 02215, USA

CROW CM 72 P VALERY MAXWELLS DE  
DORODA J 67 SCI AM NOV 383  
SHERBERG W 1878 18TH CENTURY JUL 363  
GALTON F 87 PROBABILITY F EUGENI  
81 MISMEASURE MAN  
MAUDON C 63 FRENCH STUDIES 10 40  
63 METAPHORES OBSEDATE  
84 PSYCHOLOGICAL GENIUS  
CITED INDIRECTLY  
MAXWELL JC 76 VALE FRENCH STUDIES 50 158  
MEHLMAN J 80 ROMANIC REV 71 374  
MAGEL G 75 SOZIALDARWINISMUS FR  
POINCARÉ H 86 VALÉUR SCI 4  
76 ANVAU MYTH  
STERNELL Z 70 DROITE REVOLUTIONNAI  
VACHERDELAPOUZE G CITED INDIRECTLY  
1886 REV ANTH 812  
1887 REV ANTH MAY 15  
1894 REV INT SOCIOLOGIE 424  
1899 ANVAU SOC ROLE SOCIA  
06 RACE MILIEU SOCIAL  
CHIFFIERE MARON  
CITED INDIRECTLY  
COMQUETE METHODOQUE  
CRESE ESPRIT  
DISCOURS BERSON  
JEUNE PARQUE  
RESARDS INDOCE ACTUEL  
VIN PERDU  
YALOU  
55 CORRES 1890 1942  
57 CORRES 1887 1933  
57 OULVRES 1  
60 2  
73 CANIERS 1  
1896 NEW REV 14  
P VALERY COURT

VALERY P  
1886 REV ANTH  
1887 REV ANTH MAY  
1894 REV INT SOCIOLOGIE  
1899 ANVAU SOC ROLE SOCIA  
06 RACE MILIEU SOCIAL  
CHIFFIERE MARON  
CITED INDIRECTLY  
COMQUETE METHODOQUE  
CRESE ESPRIT  
DISCOURS BERSON  
JEUNE PARQUE  
RESARDS INDOCE ACTUEL  
VIN PERDU  
YALOU  
55 CORRES 1890 1942  
57 CORRES 1887 1933  
57 OULVRES 1  
60 2  
73 CANIERS 1  
1896 NEW REV 14  
P VALERY COURT

WILLIAMS E 1896 NEW REV 14  
YESHUA S P VALERY COURT

STAR SL  
SIMPLIFICATION IN SCIENTIFIC WORK - AN EXAMPLE FROM  
NEUROSCIENCE RESEARCH  
SOCIAL ST S 13(2):205-228 83 57R  
TREMONT RES INST, 450 9TH ST, SAN FRANCISCO, CA 94133, USA

BARNES B 76 THEORY SOC 3 225  
BECKER H 61 BOYS WHITE STUDENT C  
70 SOCIOLOGICAL WORK  
82 ART WORLDS  
60 AM J SOCIOL  
75 INQUIRY INQUIRIES 66 32  
82 COMMUNICATION DEC  
61 AM J SOCIOL 64 325  
62 SOC PROSL 10 40  
74 SCI STUDIES 4 165  
76 NOV 45 354 C  
82 FRAMES HEARING SOCIA  
LOGIC THEORY INQUIRY  
QUEST CERTAINTY  
60 KNOWING KNOWN?  
78 HIST SOCIOLOGICAL AN  
78 SYMBOLIC INTERACTION  
79 GENESIS DEV SCI FACT  
70 PROFESSION MED STUDY  
81 PHLOS SOCIAL SCI 11 133  
60 I PERSON PAPERS PRES  
UNPUB KNOWLEDGE  
UNPUB SCI WORK DNG P  
76 AM SOCIOL REV 41 793  
67 DISCOVERY GROUNDED T  
70 THEORETICAL SENITV  
89 PRESENTATION SELF EV  
81 MISMEASURE MAN  
82 MAPS MIND CHARTS COM  
77 J MED PHLOS  
79 WOMEN LOOK BOD. LOOK  
73 SOCIOLOGICAL EYE  
48 ESSAYS PRAGMATISM  
61 MANUFACTURE KNOWLEDG  
79 LABORATORY LIFE SOCI  
79 J HEALTH SOC BEHAV  
82 COMMUNICATION 0320  
82 SEP AM SOC ASS SAR F  
17 CREATVE INTELLIGENC  
36 PHLOS ACT  
PEIRCE CS COLLECTED PAPERS  
FINCH T 80 SOCIOLOGY SCI Y8 4 77  
SCHEFF T 66 BEING MENTALLY ILL S 4 161  
SIMON H 82 JUDGMENT UNCERTAINTY  
SLDVIC P 77 FORUM LINGUISTICUM 2 23  
STANLEY JP UNPUB MANAGEMENT AMO 1  
STAR SL 2  
79 GENES GENDER PTFALL  
83 THESIS U CALIFORNIA  
71 PROFESSORS WORK CAR  
70 STUDIES SYMBOLIC INT  
78 NEGOTIATIONS VARIETI  
81 SOCIAL STUDIES SCI  
80 SCI DISCOVERY CASE S  
82 COMMUNICATION MAN  
79 NATURAL ORDER HIST S 167

in the Citation Index of the A&HCI, there are a few other fillips that will interest you. For example, humanities scholars frequently make "implicit" citations. Often they discuss well-known works, such as a play by Shakespeare, but they may not explicitly cite the work in a footnote or include it in a bibliography. It is accepted as common wis-

dom. But when ISI indexers read such articles, they dig out these references and create an implicit citation to the work. This allows you to retrieve an article relevant to the play you are studying, regardless of the title chosen by the author. While this does occur in the sciences, it is far less prevalent or significant.

Implicit citations are also used in the *A&HCI* for illustrations of works of art. For example, suppose you are interested in the optical illusions used by M.C. Escher in his art. You would turn to the *Citation Index* once again for a list of citing articles in which Escher's artwork appears. (See Figure 3.) This is especially helpful if you want to show some slides in your lecture and are searching for illustrations. Implicit citations to artwork lead you not only to the illustrations themselves, but it's likely that the article itself will contain some discussion of these works that is relevant to your lecture. The creation of implicit citations to illustrations is a feature we have discussed for pathology and other articles, but it is a luxury we can't yet afford, since there is so much literature involved.

By extension of this principle of augmented indexing, you wouldn't believe how carefully we treat book reviews. Indeed, book reviews can make or break a

Figure 3: Sample entry from 1983 *A&HCI*™ *Citation Index*. Works of art by M.C. Escher cited in 1983 are listed beneath his name. The notation ↑ ILL indicates that the citing article contains an illustration of that work of art by Escher.

ESCHENMAYER CA			
VERSUCH GESETZE WAGN 1797			
FALVRE A	ETUD PHILOS	1983	25 83
ESCHER A			
COMMUNICATIONS			
BONJOUR E	SCHW Z GESC	32	545 82
ESCHER K			
HDB KUNSTWISSENSCHAFT	v1 1922	65	61 83
EBERLEIN JK	ART BULL		
MINIATUREN BASLER BI 1917			
BOLTON D	BK# 33280 R	1981	428 81
ESCHER MC			
BIRDS AND FLYING FIS	↑ILL	16	11 83
DILWORTH T	MOSAIC		
DRAWING HANDS	↑ILL 1948	146	25 83
WILLIAMS C	TEMPO		
GRAPHIC WORK MC ESCH 1960		16	183 83
TORMEY JF	LEONARDO		
LIBERATION	↑ILL 1955		
RELATIVITY	↑ILL 1953		
STEPHAN G	ARTFORUM	21	64 83
ESCHEVERRIA D			
P AM PHILOS SOC	98 427 1954		
WILKIE EC	P AM PHIL S	127	202 83

Figure 4: 1983 *A&HCI*™ *Source Index* entry for T. Klockmann. In addition to full bibliographic information, condensed citations for works cited in his paper, and the author's address, a black box appearing before the article title indicates it was selected from a journal fully covered in either the *SCJ*® or *SSCI*®. A two-letter code, in parentheses, indicates the language in which it was written. (A key to the language codes appears below.) The entries below Klockmann's, for Klockner and for Kloefkorn, illustrate how second authors are cross-referenced to first authors, under whose names you will find complete bibliographic information.

KLITZKE R			
WHY IS THE COLLECTED ORWELL NOT THE COMPLETE ORWELL			
BIBLIOGRAPHY, REVIEW			
INT FICT R	10(2):125-129	83	10R
BRANDER L	24 G ORWELL		
CRICK B	80 ORWELL LIFE		
HOPKINSON T	53 G ORWELL		
MEYERS J	69 PHILOLOGICAL Q	48	526
ORWELL G	FREEDOM OF PRESS		
REES R	6 G ORWELL FUGITIVE CA		
THOMPSON EP	74 G ORWELL COLLECTION		
THOMPSON J	83 TIMES LIT SUPPL 0429		440
WILLIAMS B	11 ORWELL		
WOODCOCK G	66 CRYSTAL SPIRIT		
KLIX F			
(FR) THE ACQUISITION AND USE OF KNOWLEDGE - RESEARCH			
METHODS IN THE ACTIVITY OF HUMAN-MEMORY			
PENSEE	1983(231):63-76	83	NO R
HUMBOLDT UNIV, INST PSYCHOL, DDR-1086 BERLIN, GER DEM REP			
KLOCKMANN T			
(GE) THE MOTHERS BROTHER IN SOUTH-AFRICA - AN			
INTERPRETIVE HISTORY 1912-1982			
ANTHROPOS	78(3-4):422-436	83	25R
FREE UNIV BERLIN, INST ETHNOL, D-1000 BERLIN 33, FED REP GER			
GENEUSCH L	74 MAN	9	409
GEUSBERGHE L	78 ANTHROPOS	78	463
EVANSPRITCHARD EE	29 MAN	29	190
	32	32	12
FLUGEL JC	21 PSYCHOANALYTICAL STU		
FORTES M	45 DYNAMICS KINSHIP TA		
	49 WEB KINSHIP TALLENSI		
	53 AM ANTHROPOS	56	17
	55 BRIT J SOCIOLOGY	4	16
	61 J ROYAL ANTHR I	91	366
	69 KINSHIP SOCIAL ORDER		
GADAMER HG	75 WAIRHEFT METHODE		
GOODY JR	58 DEV CYCLE DOMESTIC G	89	61
	59 J ROYAL ANTHR I		
	73 BRIDEWEALTH DOWRY		
JUNOD HA	27 LIFE S AFRICAN TRICK		
KUPER A	76 MAN	11	331
	82 WIVES CATTLE		
LEACH E	51 J ROYAL ANTHR I	81	23
LEVSTRAUSS C	45 WORD J LINGUISTIC CI	2	1
	67 STRUKTURALE ANTHR		45
	82 STRUCTURES ELEMENTAI		
MACLIFFEBROWN AR	24 S AFRICAN J SCI	21	542
	7 ROYAL ANTHR I	71	1
	51 STRUCTURE FUNCTION P		
KLOCKNER M			
see KUMPF R	DEUT Z PHIL	31	717 83
KLOEFKORN W			
see CICOTELL DM	MIDWEST Q	24	274 83

AF AFRIKAANS	JA JAPANESE
AR ARABIC	LA LATIN
BE BENGALI	MA MALAY
BU BULGARIAN	NO NORWEGIAN
CA CATALAN	PE PERSIAN
CH CHINESE	PO POLISH
CZ CZECH	PT PORTUGUESE
DA DANISH	RM RUMANIAN
DU DUTCH	RS RUSSIAN
FI FINNISH	SC SERBO-CROATIAN
FL FLEMISH	SK SLOVAK
FR FRENCH	SL SLOVENIAN
GA GAELIC	SP SPANISH
GE GERMAN	SW SWEDISH
GR GREEK	UK UKRAINIAN
HE HEBREW	WE WELSH
HU HUNGARIAN	XX MULTI-LANGUAGE
IC ICELANDIC	(blank) ENGLISH
IT ITALIAN	

scholar, and some can be as long as a scientific article. We index over 88,000 book reviews a year in the *A&HCI* and the *SSCI*. We not only include the name

Figure 5: 1983 A&HCI™ PSI entry for the primary term "Cook, James." The co-terms "botanical," "voyage," and so on, lead to the same author, B. Schiff. Full bibliographic information for Schiff's article is obtained from the *Source Index*, also illustrated here. Note that the author's vague title is enriched with terms added in parentheses. In a *PSI* entry, the "+" denotes that the source item is a review. An arrow next to an author's name signals its first appearance under a main heading. This feature avoids redundant trips to the *Source Index*.

<b>COOK-BOOK</b>			
NATURAL	---	ΦWHITTAKE.T+	
WORLD	----	+	
<b>COOK, DAISY</b>			
CREDITS	----	ΦFISCHER JO	
PORTFOLIO	----		
<b>COOK, F</b>			
		ΦCARRERE E+	
<b>COOK, GORDON</b>			
		ΦJUNKER H+	
<b>COOK, JAMES</b>			
APOTHEOSIS	---	ΦBROSSE J	
ARTISTIC	----	ΦSCHIFF B	
BANKS, JOSE	----		
BOTANICAL	----		
DEATH	----	BROSSE J	
DRAWINGS	----	SCHIFF B	
EXPLORATIO.	----	ΦOREILLY P+	
OBSERVATIO.	----		
PUBLICATION	----	SCHIFF B	
SCIENTIFIC	----		
TREASURE	----		
VOYAGE	----		
1ST	----		
<b>COOK, JEANNE</b>			
CIPHER	----	ΦBORGES JL	
KERRIGAN, A.	----		
SPANISH	----		
TRANSLATED	----		
<b>COOK, JIG</b>			
FERMENT	---	ΦBACH G+	
	---	ΦHAYES EM+	
PLAYERS	----	ΦEGRI P+	
	----	HAYES EM+	
PROVINCETO.	---	EGRI P+	
	---	HAYES EM+	
PROVINCETO.	---	BACH G+	
THEATER	----		
	----	HAYES EM+	
<b>COOK, PETER</b>			
ARCHITECTU.	---	ΦDAVIS C	
HAWLEY CHR.	----		
HERRON RON	----		
PROJECTS	----		
STUDENTS	----		
<b>SCHIFF A</b>			
see ELDER D	CLAVIER	22	16 83
<b>SCHIFF B</b>			
BANKS, JOSEPH SCIENTIFIC AND ARTISTIC TREASURE (BOTANICAL DRAWINGS FROM COOK, JAMES 1ST VOYAGE IN PUBLICATION)			
SMITHSONIAN	13(2):2176	83	6R
<b>SCHIFF G</b>			
THE BERLIN SECESSION - MODERNISM AND ITS ENEMIES IN IMPERIAL GERMANY - PARET P Φ ART REVIEW			
ART J	42(4):357	82	3R
INST FINE ARTS, NEW YORK, NY 10021, USA			
GORDON DE	81 ART AM	MAR	108
WOLDE E	81 JAHRE KAMPEE 1900 39		
PARET P	80 BERLIN SECESSION 1905		
MARBOT A BIOGRAPHY - GERMAN - HILDESHEIMER, W Φ BOOK REVIEW			
NY REV BOOK	30(2):43-45	83	6R
NYUNST FINE ARTS, NEW YORK, NY 10003, USA			
HILDESHEIMER W	MARBOT BIOGRAPHIE		
	82 LONDON REV	918A	
	82 LONDON REV	1596	
	81 MOZART		
STELZER D	84 VOUESCHICHTTE ABSTRA		
STERN JP	82 LONDON REV BOOK 0905		

of the reviewer in the *Source Index*, but we also create an implicit citation for the book under the author's name.

The *Citation Index* entry for a particular author or artist can also give you a quick overview of his or her works that have been cited or reviewed during the period covered by the index, as Gould's 1983 *Citation Index* entry illustrates (Figure 1). Incidentally, he recently reviewed *Dear Lord Rothschild*<sup>13</sup> in *Science*;<sup>14</sup> that entry will appear in the first 1985 edition of the *A&HCI*.

If all this doesn't appeal to your research tastes, consider this. Perhaps your spouse is bored with your latest ultrasonic probe of a fish embryo. But he or she may be interested in ballet artists like Merrill Ashley or Mikhail Baryshnikov. The *A&HCI Citation Index* contains references to dance performance reviews of these and other superstars of the ballet. Alternatively, if you are interested in a particular Bach cantata, the *A&HCI* can guide you to recent musicological studies, as well as record and performance reviews. As you can see, not only is the *A&HCI* useful to you professionally, but you and your mate will find it valuable in pursuing your after-hours interests.

If you simply want to locate an article written by one of your colleagues in the ethnology department, use the *Source Index* just the way you do with the *SSCI* or the *SCI*. You may be surprised how much humanities scholarship is reported in journals instead of books these days. Nevertheless, the single-authored monograph is still the primary grist of citations in humanities literature. If you were on the faculty of the Free University of Berlin, you might not realize that your colleague T. Klockmann, in the Institute of Ethnology, wrote an interesting article in 1983 on familial relationships in South Africa that was published in the journal *Anthropos*. (See Figure 4.)

Like the *SCI* and *SSCI*, the *A&HCI* has its *Permuterm*® *Subject Index (PSI)*.

By using this keyword index, you can find articles on a subject even when you are unfamiliar with the literature in that field. Here you will find another important feature of the *A&HCI*, one that is not a part of the *SCI* or *SSCI*. ISI indexers, on occasion, add enrichment words or phrases to an article's title. This special treatment is necessary because arts and humanities authors often give metaphorical or whimsical titles to their work. To an article so titled, the indexer adds specific relevant terms. These enrichment terms are permuted along with the original terms in the author's title and allow you to find important material that might have otherwise been missed. Consider the *PSI* and *Source Index* entries in Figure 5. Had we not added the parenthetical notation about the botanical drawings made during Captain James Cook's Pacific voyages, you would fail to find Schiff's relevant 1983 article in the *Smithsonian*. Until the intelligent computer can recognize such subtleties, we need indexers to prevent the machine from treating book or opera titles in odd ways. For example, Wagner's *Tristan und Isolde* might otherwise appear in our *PSI* under the separate headings "Tristan" and "Isolde." This wouldn't be so terrible, but even more absurd examples would be titles like J.D. Salinger's *Catcher in the Rye*, *Subtle is the Lord*,<sup>15</sup> and so on. All of the above makes for what librarians call an "exhaustive" indexing system—one that unites the efficiency of the computer with the expertise of our own subject specialists. Incidentally, that last title is a marvelous book about Einstein by Abraham Pais, Rockefeller University. It was reviewed widely in the press and in *American Jewish History* by the ubiquitous scientist-writer Isaac Asimov.<sup>16</sup>

The *A&HCI* also has its *Corporate Index*. Suppose you want to find articles written by the staff of the Wellcome Institute for the History of Medicine in London. Turn to the *Corporate Index*,

Figure 6a: 1983 *A&HCI*™ *Corporate Index*, Geographic Section. The main heading is the name of the country or state. Main headings are alphabetically subdivided by city. Then follows each institution or departmental subdivision in which authors have published during the indexing period. The entry for the Wellcome Institute for the History of Medicine also contains a subdivision for its Science Museum. Then follow condensed citations to articles published by staff of the Wellcome Institute. "B" indicates that many of these articles are book reviews.

ENGLAND		VOL	PG	YR
<b>LONDON</b>				
• VICTORIAN SOC				
• J PRIORY GARDENS				
(CRAWFORD A	HIST TODAY	B	33	45 83
• W LONDON INST HIGHER EDUC				
(BARTLE GF	NOTES QUER	N	30	320 83
(LILLFORD R	APOLLO	N	117	100 83
• WALLACE COLLECT				
(JINGAMELL J	REV LOUVRE	B	33	282 83
• WARBURG INST				
(CHAMBERS DS	RENAISS Q	B	35	450 82
(SCHMITT CB	BR J HIST S	B	16	99 83
(WALKER DP	RENAISS Q	B	35	455 82
• WOODSON SQ				
(SCHMITT CB	J HIST PHIL	B	21	278 83
• WOODSON SQUARE				
(SCHMITT CB	ANN SCI	B	40	211 83
• WELLCOME INST HIST MED				
(BYNUM WF	NATURE	B	305	455 83
(LAWRENCE C	BR J HIST S	B	16	95 83
(MORGAN N	NOTES REC R	B	38	129 83
(MUTTON V	CLASS REV	B	33	187 83
-	-	B	33	338 83
-	-	B	33	339 83
(PORTER R	HIST POL TH	B	4	191 83
-	HIST TODAY	B	33	50 83
-	HISTORY	B	67	496 82
-	J ECOL HIST	B	34	605 83
-	NEW SOC	B	65	398 83
-	TLS-TIMES L	B	1983	436 83
• SCI MUSEUM				
(LAWRENCE C	TECHNOL CUL	B	24	543 83

Figure 6b: 1983 *A&HCI*™ *Corporate Index*, Organization Section. The Wellcome Institute for the History of Medicine is cross-referenced to London, England.

WEISS MEM HOSP	
ILLINOIS CHICAGO	
WELBAUM ZOO& JONES & WILLIAMS	
FLORIDA ORLANDO	
→ WELLCOME INST HIST MED	
ENGLAND LONDON	
WELLCOME MED RES INST	
NEW ZEALAND DUNEDIN	
WELLCOME UNIT HIST MED	
ENGLAND OXFORD	
WELLESBY COLLEGE	
MASSACHUSETTS WELLESBY	
WELLESLEY COLL	
MASSACHUSETTS WELLESLEY	
WELLINGTON COLL	
ENGLAND CROWTHORNE	
WELLINGTON HOSP	
NEW ZEALAND WELLINGTON	
WELLINGTON POLYTECH	
NEW ZEALAND WELLINGTON	
WELLINGTON TEACHERS COLL	
NEW ZEALAND WELLINGTON	
WELLS COLL	
NEW YORK AURORA	
WELTWOCH	
SWITZERLAND ZURICH	
WENBU!	
PEOPLES R CHINA SHANGHAI	
WERNER FRANK CORP GRP	
CALIFORNIA CALABASAS	
WESLEY THEOL SEMINARY	
D.C. WASHINGTON	
WESLEY THEOLOG SEMINARY	
D.C. WASHINGTON	
WESLEYAN COLL	
GEORGIA MACON	
WESLEYAN UNIV	
CONNECTICUT MIDDLETOWN	

and you will find a dozen articles or reviews published by staff of the Wellcome Institute in 1983. (See Figure 6a.) The alphabetically arranged Organization Section tells you the country and city under which particular institutions are listed. The main portion of the *Corporate Index* is arranged geographically. (See Figure 6b.)

This concludes our brief review on how to use the *A&HCI*. I would encourage you to look carefully through the instructional matter provided in the *Guide & Journal Lists* that accompanies the yearly cumulated edition of the index for detailed descriptions of specific fea-

tures, as well as for numerous sample searches. I hope this review has given you a glimpse of the cross-disciplinary research possibilities that the *A&HCI* offers, as well as its usefulness in investigating some of your more casual interests.

The summary on "How to Use the *A&HCI*" that follows is provided in a format designed to be copied for students and friends. Enjoy!

\* \* \* \* \*

*My thanks to David A. Pendlebury and Roger Williams for their help in the preparation of this essay.*

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#### REFERENCES

1. **Garfield E.** The poetry-science connection. *Essays of an information scientist*. Philadelphia: ISI Press, 1984. Vol. 6. p. 223-8.  
(Reprinted from: *Current Contents* (29):5-10, 18 July 1983.)
2. **Djerassi C.** Personal communication. 30 November 1984. (See also: **Garfield E.** A tribute to Carl Djerassi: reflections on a remarkable scientific entrepreneur. *Op. cit.*, 1983. Vol. 5. p. 721-30. [Reprinted from: *Current Contents* (42):5-14, 18 October 1982.]
3. **Garfield E.** Audience of one—Jacob Bronowski. *Op. cit.*, 1977. Vol. 2. p. 351-3.  
(Reprinted from: *Current Contents* (41):5-7, 13 October 1975.)
4. **Bronowski J & Mazlish B.** *The western intellectual tradition*. New York: Harper & Brothers, 1960. 522 p.
5. **Garfield E.** If you think you're ready to search online, here's how to use *SciSearch*. *Current Contents* (4):3-9, 28 January 1985.
6. .... Will ISI's *Arts & Humanities Citation Index* revolutionize scholarship? *Essays of an information scientist*. Philadelphia: ISI Press, 1980. Vol. 3. p. 204-8.  
(Reprinted from: *Current Contents* (32):5-9, 8 August 1977.)
7. .... Is information retrieval in the arts and humanities inherently different from that in science? The effect that ISI's citation index for the arts and humanities is expected to have on future scholarship. *Essays of an information scientist*. Philadelphia: ISI Press, 1984. Vol. 6. p. 623-40. (Reprinted from: *Libr. Quart.* 50:40-57, 1980.)
8. .... Data from *Arts & Humanities Citation Index* reveal the interrelationships of science and humanities. *Essays of an information scientist*. Philadelphia: ISI Press, 1983. Vol. 5. p. 758-60.  
(Reprinted from: *Current Contents* (46): 5-7, 15 November 1982.)
9. .... Journal citation studies. 38. Arts and humanities journals differ from natural and social sciences journals—but their similarities are surprising. *Essays of an information scientist*. Philadelphia: ISI Press, 1983. Vol. 5. p. 761-7.  
(Reprinted from: *Current Contents* (47):5-11, 22 November 1982.)
10. **Gould S I.** *The mismeasure of man*. New York: Norton, 1981. 352 p.
11. **Garfield E.** How to use *Science Citation Index (SCI)*. *Essays of an information scientist*. Philadelphia: ISI Press, 1984. Vol. 6. p. 53-62.  
(Reprinted from: *Current Contents* (9):5-14, 28 February 1983.)
12. .... How to use the *Social Sciences Citation Index (SSCI)*. *Current Contents* (27):3-13, 2 July 1984.
13. **Rothschild M.** *Dear Lord Rothschild: birds, butterflies and history*. Philadelphia/London: ISI Press/Hutchinson, 1983. 398 p.
14. **Gould S I.** A naturalist of means. Review of "Dear Lord Rothschild: birds, butterflies and history" by M. Rothschild. *Science* 227(4683):159-60, 1985.
15. **Pais A.** 'Subtle is the Lord...'—the science and the life of Albert Einstein. New York: Oxford University Press, 1982. 552 p.
16. **Asimov I.** Review of "Subtle is the Lord..."—the science and the life of Albert Einstein" by A. Pais. *Amer. Jewish Hist.* 72:531-4, 1983.



## How to Use the Arts & Humanities Citation Index (A&HCI)

The *Arts & Humanities Citation Index*™ (A&HCI)™ covers the entire contents of more than 1,300 journals in the arts and humanities. It also includes selections from some 5,600 other journals. The A&HCI is published annually, but it appears in three installments—two “perfect”-bound interim issues and a buckram-bound year-end cumulation. Its unique multidisciplinary coverage will appeal to scholars in all fields.

The A&HCI system consists of four separate sections.

**Source Index.** An alphabetic listing of all authors and all papers published during the period covered by the index. Full bibliographic information is provided, including author(s), language, title (including supplementary enrichment terms added by ISI® indexes), publication type (article, book review, creative prose, editorial, note, poem, and so on), journal title, volume, issue number, full pagination, year of publication, number of references cited, and addresses of the authors when available. A citation “abstract”—a list of condensed citations of all references cited in the indexed article—is included. These are listed alphabetically by author. When works of art or musical scores are graphically reproduced in a paper, A&HCI designates them by the notations † ILL and † MUS, respectively.

**Citation Index.** An alphabetic listing by author of cited papers, books, and creative works (paintings, sculptures, musical compositions, films, records, novels, poems, as well as dance, music, and theater performances), arranged alphabetically by title of work. As in the *Source Index*, reproductions of art or musical scores in the citing article are indicated by † ILL or † MUS, respectively. This notation will appear beside the title of the work. Along with the author's name, journal title, volume, year, and page number, a letter code is given that indicates the type of citing item.

The *Citation Index* section also includes (1) the “Miscellaneous Citation Index,” which covers, among other things, citations to corporately authored Judeo-Christian or Islamic religious writings, and citations to productions by musical groups, dance companies, and so on, and (2) the “Anonymous Citation Index,” which covers anonymous works of art, literature, and music, as well as anonymous sacred or religious writings not belonging to the Judeo-Christian or Islamic traditions.

**Permuterm® Subject Index (PSI).** All significant title words are permuted to create all possible pairs, including enrichment terms. Each term and its co-term then become an entry in the *PSI*. Many titles are enriched with key words by an ISI indexer.

**Corporate Index.** Consists of two complementary parts. The Geographic Section is subdivided according to country, city, institution, and department. The alphabetic Organization Section cross-references each institution to its geographic location.

The following examples from the 1983 A&HCI illustrate its use.

There are searching strategies available with the A&HCI for both the expert and the beginner. Prior knowledge of a subject and its literature can make a

search easier, but even a novice can quickly locate relevant material.

For example, suppose you are researching humor in the writings of Herman Melville. If you know something about this subject, you will recall previously published books and articles on this subject, such as Edward H. Rosenberry's *Melville and the Comic Spirit* (Harvard University Press: Cambridge, Massachusetts, 1955). Find the entry for Rosenberry in the alphabetically arranged *Citation Index* (illustrated in Figure A). You discover three articles that have cited Rosenberry's book. Obtain complete bibliographic information for each citing paper from the *Source Index* shown in Figure B.

On the other hand, if you know little or nothing about this topic, turn first to the *PSI*. As shown in Figure C, a check under the main term “Melville” and its co-terms “comic” and “humor” leads you to three articles. Note that the article by J. Bryant can be retrieved through both the *Citation Index* and the *PSI*. The full entries from the *Source Index* for the other two articles appear in Figure D; they are both reviews of J. Mushabac's recent book *Melville's Humor, A Critical Study* (Shoe String Press: Hamden, Connecticut, 1981), one of them by C.L. Karcher of Temple University.

You can also learn what a particular author has published through the alphabetic *Source Index*. For example, if you know W.B. Dillingham is a Melville scholar, a glance at Dillingham's entry in the *Source Index* (Figure D) reveals his contributions for that year.

The *Corporate Index* identifies all papers published in a particular institution, city, state, or country. For example, Figure E shows the entry for Temple University in Philadelphia, as well as several other institutions. Karcher's review of Mushabac's book is listed here, along with dozens of other articles from Temple.

The *Citation Index* allows you to begin with a known work on a subject and look forward in time to discover recent advances or a new perspective from a related field. The *PSI* allows you to search systematically by title word and by enrichment terms. Additionally, among indexes covering the arts and humanities, the A&HCI is unique in its method of indexing works of art and musical scores and designates them in the *Citation Index* and the *Source Index* by the notations † ILL and † MUS, respectively.

A detailed schematic explanation of search techniques appears in the front matter of each annual A&HCI edition. The complete *Guide & Journal Lists* is also printed separately each year and contains a bibliography, statistical data, glossary of terms, and selected articles. For further information, contact ISI's Customer Services Department, 3501 Market Street, Philadelphia, Pennsylvania 19104.

**ISI® Institute for Scientific Information®**

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Philadelphia, PA 19104 U.S.A.

Sample Entries from the 1983 Arts & Humanities Citation Index™ (A&HCI™)

Figure A: Portion of A&HCI's Citation Index.

Cited Author	ROSENBERGER M.		
	CONNAISSANCE TIERS M 1979		
Cited Book	COQUERY V C	REV FR HIST	68 54 01
	ROSENBERGER M	MELVILLE 1979	
Citing Papers	TIMMERMAN J H	NOTR DAME E	15 23 83
	MELVILLE COMIC SPIRI 1922		
Citing Papers	BRYANT J	AM LIT	55 151 83
	LEWIS P	STUD NOVEL	15 183 83
Citing Papers	WENKE J	ESQ-J AM R	28 233 82
	PMLA 80	497 1965	
Citing Papers	TIMMERMAN J H	NOTR DAME E	15 23 83
	ROSENBLAT A		
Citing Papers	AMADIS DE GAULA 1963		
	RODRIGUELO	ESTUD FILOL	1982 77 82
Citing Papers	B DIALECTOLOGIA HISP 2	303 1946	94 909
	AMASTAE J	LINGUISTICS	20 175 82
Citing Papers	BUENAS MALAS PALABRA 1979		
	KUJAWA H		1982 23 82
Citing Papers	LENGUA CULTURA HISP 1962		
	ALVAR M	B HISPAN	84 347 82

Figure B: Relevant entries from Source Index for Figure A.

Cited Author	BRYANT J		
	MELVILLE COMIC DEBATE - GENIALITY AND THE AESTHETICS OF REPOSE		
Cited Book	AM LIT	55(2):151-170	83 27R
	PENN STATE UNIV, SHENANGO VALLEY, UNIVERSITY PK, PA 16802		
Citing Papers	BERGMAN J D	69 AM Q	21 340
	BERTHOFF W	62 EXAMPLE MELVILLE	
Citing Papers	BROTHORP P J	60 EDWARDS WHITE WORLD	
	CHASE R	49 H MELVILLE CRITICAL	
Citing Papers	DEW M	75 A THUNDER VERSIONS R	177
	DILLINGHAM W B	66 MELVILLES THEMATICS	
Citing Papers	DRYDEN EA	46 MELVILLES THEMATICS	
	FLIBBERT J	74 MELVILLE ART BURLESQ	
Citing Papers	HOFFMAN D	67 FORD FABLE AM FICTIO	
	JAMES H	55 SHOCK RECOGNITION	536
Citing Papers	KEYSER E	73 TEXAS STUDIES LIT LA	15 200
	KULBARN S	73 KNAVE POOL GENIUS CO	
Citing Papers	LEVDA J	61 MELVILLE LOG DOCUMENT	
	MATTHIESSEN F O	41 AM RENAISSANCE ART E	
Citing Papers	MELVILLE H	CONFIDENCE MAN	
		ISRAEL POTTER	
Citing Papers		JOHN MARR	
		MOBY DICK	
Citing Papers		PIERRE	
		TWO SIDES TO TORTOIS	
Citing Papers	ROSENBERGER M	57 MELVILLE COMIC SPIRI	
	SEALTS W M	57 MELVILLE LECTURER	
Citing Papers	TAVE S M	67 ESSAYS AM ENGLISH LI	3
	THOMPSON L	60 AMABLE HUMORIST STU	
Citing Papers	WADLINGTON W	53 MELVILLES QUARREL 90	
		75 CONFIDENCE GAME AM L	
Cited Author	LEWIS P		
	MELVILLE PIERRE AND THE PSYCHOLOGY OF INCONGRUITY		
Cited Book	STUD NOVEL	15(3):183-201	83 27R
	BOSTON COLL, CHESTNUT HILL, MA 02167, USA		
Citing Papers	BRANCH W G	74 MELVILLE CRITICAL RE	
	BRASWELL W	55 AM LIT	7 424
Citing Papers	CHAPMAN A J	76 HUMOUR LAUGHTER THEO	
		77 ITS FUNNY THING HUMO	
Citing Papers	COOK R M	78 AM LIT	49 544
	FISHER S	81 PRETEND WORLD FUNNY	
Citing Papers	FLIBBERT J	64 MELVILLE ART BURLESQ	
	HABERSTROH C J	40 MELVILLE MALE IDENTI	
Citing Papers	HETHERINGTON H W	61 MELVILLES REV BRIT A	162
	HIGGINS J	76 NEW PERSPECTIVES MEL	109
Citing Papers	HUME R D	74 GOTHIC IMAGINATION E	160
	KNIGHT G W	64 ACT CREATION STUDY C	
Citing Papers	KOESTLER A	64 ACT CREATION STUDY C	
	MATTHIESSEN F O	70 AM RENAISSANCE ART E	
Citing Papers	MCGHEE P E	74 HUMOR ITS ORIGIN DEV	
	MELVILLE H	MOBY DICK	
Citing Papers		PIERRE	
	MILDER R	74 STUDIES NOVEL	6 106
Citing Papers	MUSHABAC J	81 MELVILLES HUMOR	
	NELSON R J	70 YALE REV	59 17
Citing Papers	PARKER M	70 STUDIES MINOR LATER	8 7
		70 STUDIES NOVEL	
Citing Papers	ROSENBERGER M	55 MELVILLE COMIC SPIRI	
	SEGDWICK W E	44 H MELVILLE TRAGEDY W	
Citing Papers	SHOEDER S	74 AM LIT	48 502
	STRICKLAND C C		
Citing Papers	THOREAU M D	WALDEN	
		CONFIDENCE MAN	
Citing Papers		MOBY DICK	
		PARADISE OF BACHELOR	
Citing Papers		POOR MARS PUDDING AM	
		TWO TEMPLES	
Citing Papers		LETTERS	
	PARKER M	63 19TH CENTURY FICTION	18 163
Citing Papers	QUICK T	74	38 472
	RAMSEY W M	60 AM LIT	32 220
Citing Papers	ROSENBERGER M	81 MELVILLE SOC EXT FEB	2
	SEELYE J	50 MELVILLE COMIC SPIRI	
Citing Papers	SHROEDER J W	70 MELVILLE IRONIC DIAG	
	STEM W B	51 PMLA	66 364
Citing Papers	STEM D W	74 AM TRANSCENDENTAL J	30
	TICH C	74 STUDIES NOVEL	6 166
Citing Papers	WATSON C N	72 ELH	39 639
	WRIGHT B	72 AM LIT	44 398
Citing Papers		49 MELVILLE USE BIBLE	

Figure C: Portion of Permuterm® Subject Index (PSI).

Main Heading	MELVILLE	
	COMET	--- RIFREDERL RM
Relevant Co-terms	COMIC	--- RYBRYANT J
	CONCORDANCE	--- CYR P+
Relevant Co-terms	CONFIDENCE	--- MACKINNO.L+
	CONFIDENCE	--- VANCROMP.G+
Relevant Co-terms	CONFIDENCE	--- WENKE J
	CONFIDENCE	--- AGRALICH M
Relevant Co-terms	CONRAD	--- JONES D
	CONRAD	--- BRODHEAD RM+
Relevant Co-terms		--- HOLLANHAM E+
		--- TROTTER D+
Relevant Co-terms	CONSISTENCY	--- TIMMERMAN J H
	COOPER	--- SCHARNHOF G
Relevant Co-terms	CORPOREAL	--- ZASLAVSK R+
Relevant Co-terms	GLOSSED	--- CYR P+
	GROTESQUE	--- JONES D
Relevant Co-terms	HAWTHORNE	--- BRODHEAD R
		--- CARTON E+
Relevant Co-terms		--- DRYDEN EA+
		--- GRAY R
Relevant Co-terms		--- HAYME B+
		--- MASSA A+
Relevant Co-terms		--- SMITH AG+
		--- WATSON CN+
Relevant Co-terms		--- WRIGHT E
		--- ZASLAVSK R+
Relevant Co-terms	HEBREW	--- WALDING E A
	HEROISM	--- HOGAN RE
Relevant Co-terms	HILLMAN, J A.	--- MAUD R
	HUMOR	--- DILLINGHAM W B+
Relevant Co-terms		--- KARCHER CL+
	IMAGINATION	--- SCHONFEL KH+
Relevant Co-terms	INCONGRUITY	--- LEWIS P

Figure D: Relevant entries from Source Index for Figure C.

Cited Author	DILLINGHAM W B		
	EXILED WATERS - MOBY DICK AND THE CRISIS OF ALLEGORY - COWAN, B & BOOK REVIEW		
Cited Book	SEWANEK REV	91(4):R86	83 1R
	COWAN B	87 EXILED WATERS MOBY D	
Citing Papers	MELVILLE HUMOR - A CRITICAL STUDY - MUSHABAC, J & BOOK REVIEW		
	SEWANEK REV	91(4):R86	83 1R
Citing Papers	MUSHABAC J	81 MELVILLE HUMOR CRIT	
	KARCHER CL		
Citing Papers	MELVILLE HUMOR, A CRITICAL STUDY - MUSHABAC, J & BOOK REVIEW		
	MOD FICT ST	28(4):660-661	83 1R
Citing Papers	TEMPLE UNIV, PHILADELPHIA, PA 19122, USA		
	MUSHABAC J	81 MELVILLES HUMOR CRT	

Figure E: Sample from Corporate Index, Geographic Section.

Main Heading	PENNSYLVANIA	
	PHILADELPHIA	VOL PG YR
City Entry	LIB CO PHILADELPHIA	
	1314 LOCUST ST	
City Entry	ILAPSANSK P	PAP BIBLOG 7 71 83
	LIBRARY COMPANY PHILADELPHIA	
City Entry	WOLF E	PENN MAG H 107 150 83
	LUTHERAN CH AMER	
City Entry	JOHNSON P G	REV REL RES 24 357 83
	LUTHERAN THEOL SEMINARY	
City Entry	2301 GERMANTOWN RD.	
	REURMANN J	J ECUH STUD 8 50 209 83
City Entry	MAXWELL MANSION	
	200 W TULPEHOCKEN ST	
City Entry	PETERSON KE ANTIQUES	124 290 83
	MONELL CHEM SENSES CTR	
City Entry	3500 MARKET ST.	
	JOAKES G	CLIO 8 12 93 82
Institutional Subdivision	TEMPLE UNIV	
	ABDELMAH WORLD LIT T	8 56 738 82
Institutional Subdivision		8 57 165 83
	ALFARUQI LI	ASIAN MUSIC 8 14 183 83
Institutional Subdivision	GREENBER, RM	ESQ-J AM R 29 91 81
	MEINE S	J AM A REL 8 51 131 83
Institutional Subdivision	HEINRICH, W H	REV HIST DE 8 53 127 83
	HERZ J H	GER QUART 8 56 672 83
Institutional Subdivision	KARCHER CL	MOD FICT ST 8 28 660 83
	KETELS V B	THEAT J 8 35 126 83
Institutional Subdivision	KLATZKER D	J ECUH STUD 8 20 314 83
	KOENKER D	SLAV REV 8 41 709 82