

This is a subject index to the various charts, tables, lists, figures, etc. contained in the essays. Each entry leads the reader to a volume number and a page number. (Volume numerals for Vol. 3 entries are in boldface.) Thus, the entry

articles, most cited
Acta Crystallographica 2:130

means that on page 130 in Vol. 2 there is a

list of the most-cited articles published in *Acta Crystallographica*.

AAAS Section T, list of organizations affiliated 3:450

Agricultural scientists, information sources 3:211

ANSI's comprehensive style for bibliographic references 3:445

Aronson's research on cat sexual behavior, historiograph 3:319

Aronson's research on cat sexual behavior, total citations of historiograph authors 3:321

articles, most-cited

Acta Crystallographica 2:130

Australian and New Zealand 2:595

botany 2:217

Clinical Chemistry and *Clinica Chemica Acta* 2:183

East European 2:633

1896-1929 2:492

engineering sciences 2:445

French, published in France 2:413; 3:93, 500

French, published outside of France 3:501

German 2:518

human psychology and behavior 2:264

Italian journals 3:35

Italian laboratories 3:38

Italian, publication dates 3:34

Japanese 2:434

Journal of Geophysical Research 2:115

mathematics 1:506, 511

medical and clinical 2:88

1950s biochemistry 3:148

1950s biological sciences, medicine, and psychology 3:180

1950s physics and chemistry 3:126

1940s physics, physical and synthetic chemistry, and mathematics 3:57

1975 life sciences 2:453

1975 physical sciences 2:458

1972 chemistry 2:38

pathology 2:659

articles, most-cited (cont'd)

physiologic psychology and animal behavior 2:259

plant physiology 2:211

Russian 2:375

SC/1970-1973 1:521

SC/1974 2:427

SC/1973 2:423

SC/1967 1:171

SSC/1969-1977 3:566

authors

addresses of most-cited East European articles 2:626

addresses of most-cited Italian articles 3:34

authors, most-cited

SC/1961-1972 1:488

SC/in 1967 1:137, 488, 170

SC/in 1972 1:488

SSC/100 1969-1977 3:636

SSC/100 1969-1977, awards and academy memberships 3:676

SC/100 1969-1977, most cited publications 3:684

300 SC/affiliations 3:718

300 SC/1961-1976 3:540

300 SC/1961-1976, awards and academy memberships 3:591

300 SC/1961-1976, corrections 3:710

300 SC/1961-1976, publications, Part 1 3:690

300 SC/1961-1976, publications, Part 2 3:702

300 SC/1961-1976, publications, Part 3 3:713

300 SC/1961-1976, publications, number of authors per publication 3:699

250 SC/1961-1975 3:330

250 SC/primary, 1961-1975, who did not make the list but received 4,000 or more citations 3:495

250 SC/primary, 1961-1975, corrections 3:493

authors

authors, most-cited (cont'd)

- 250 *SCI* 1961-1975, most-cited publications 3:354
 250 *SCI* 1961-1975, Nobel prize recipients and academy memberships 3:339

B

- 'Ball-lightning' citation map 2:480
 Bartolomeo, Beverly (photograph) 3:687
 Bibliographic coupling 2:545
 Bibliography on explosive welding 1:355
 Bibliography on genetic manipulation 2:338
 Bibliography on insulin 1:162
 Bibliography on scotophobin and 'memory transfer' 2:368
 books, most-cited
 biochemistry and biomedicine 2:4
 engineering sciences 2:443
 mathematics and statistics 2:5
 physics and chemistry 2:2
 SSCI 100 1969-1977 3:626
 SSCI 100 1969-1977, age of books 3:623
 SSCI 100 1969-1977, number of authors per book 3:623
 Brown v. Board of Education, social science references cited in Supreme Court opinion 3:478

C

- CAC/IC*
 abstract of adamantane ring system compounds 1:308
 compound/abstract ratios 1:444
 entry for phosphorothioates 1:306
 language distribution of articles, 1960-1969 1:445
Calculators/Computers Magazine, sample page 3:426
 Cawkell, A. E. (photograph) 1:245
 chemical compounds
 number of new ones reported in 1969 1:445
 total number reported in 1969 1:447
Chemical Substructure Index, sample entry 1:305, 307
 citation matrix
 explosive welding 1:358
 most-cited clinical journals 2:302
 sample 2:545
 citation network
 amorphous semiconductor 2:544
 DNA articles 1:169
 Design of Electromagnetic Flowmeters 1:140
 explosive welding 1:357
 nucleic acids 1:135, 167
 perturbation of ion transport 1:243
 to Mendel, G. 1:136

- citation relationships of a bibliography on staining nucleic acid 2:138
 citation search, example 2:529
 cited and co-citing papers 2:546
 classified index, mechanized 2:686
 clusters
 biomedical 1972 2:294, 313, 364
 biomedical 1973 2:293, 312, 360
 FSH- and LH- releasing hormones 2:359
 hormone-releasing hormones, source titles 2:363
 hormone-releasing hormones, word pairs 2:364
 locus of control, co-citing papers 2:548
 locus of control, map 2:547
 Social Sciences Citation Index 2:511, 512
 co-citation
 articles by J. A. Armstrong and M. Edmonds 2:362
 bibliographic coupling and direct citation between pairs of papers 2:30
 cluster papers on depressive disorders 2:514
 coupling 2:545
 network for most-cited papers in particle physics 2:29
 Copywriter, selective-copying device 1:439
 Corporate Index of *Science Citation Index*, sample entry 2:529
Current Book Contents, books which generated the most orders 1974-1978 3:729
Current Contents/Agriculture, Biology & Environmental Sciences, coverage of biology and ecology journals 1:350
Current Contents/Clinical Practice, preliminary list of journals to be covered 1:345
Current Contents, journal coverage of the six editions 2:53

D

- distribution of citations among cited journals, 1969 1:535
 distribution of number of published items among 2,200 journals, 1969 1:536
 DNA - direct and indirect citation relationships 2:142, 144

F

- forecasting Nobel prize winners 2:290
Frequently Found Substructures dictionary, entry for phosphorothioates 1:305

G

- geographical sources of published papers listed in *Current Contents* in 1971 1:315
 Gershon-Cohen, J. (photograph) 1:152

H

- Harris, R. M. (photograph) 1:300
 historiograph, computer-generated diagonal display 2:147
 historiograph, display formats 2:145
 humorous scientific journals, subscription information 2:671

I

- impact factors for journals 1969 1:273
Index to Scientific and Technical Proceedings, sample entry 3:250, 576
 Information Industry Association Award 1:183
 Institute for Scientific Information
 journal data flow 3:292
 Mall Building (photograph) 1:33
 3501 Science Center Building (drawing) 3:734

J

- jazz transcription
Giant Steps 2:462
Struttin' with Some Barbecue 2:394
 journal citation frequencies, 1969 1:528
Journal Citation Index, sample entries 1:293
Journal Citation Reports, sample entries 2:565, 566, 569, 570
 journal coverage overlap between ASCA, SCI and SSCJ 2:53
 journals
 applied chemical, publications cited by 2:186
 astronomy and astrophysics, high impact 1974 3:141
 Australian and New Zealand, covered by SCI in 1974 2:585
 Australian and New Zealand, which published most-cited articles 2:594
 Canadian scientific, citation analysis 3:263
 Canadian scientific, graphs of impact factors 3:264, 265
 cancer, most-cited articles from 10 most-cited journals 2:165
 cited by
Acta Crystallographica 2:129
Acta Pathologica et Microbiologica Scandinavica 1:402
 agriculture journals 2:273, 275
Annals of Rheumatic Diseases 1:340
Arthritis and Rheumatism 1:340
Astrophysical Journal 2:121
 Australian and New Zealand journals 2:586
Biochemistry 1:265
 botany journals 2:207
 cancer journals 2:163
Clinica Chimica Acta 2:180

journals (cont'd)

- Clinical Chemistry* 2:180
Collection of Czechoslovak Chemical Communications 2:629
 East European journals 2:627
 engineering journals 2:306
 French journals 2:410; 3:92
 German journals 2:468
 Italian journals 3:24
 Japanese journals 2:432
Journal of Chemical Physics 1:277
Journal of Clinical Investigation in 1969 2:14
Journal of Experimental Medicine 1:328
Journal of Immunology 1:328
Journal of the American Chemical Society in 1969 1:264, 276
Journal of The American Medical Association 2:18
 Latin-American journals 2:578, 581
New England Journal of Medicine 2:19
Pathologie Biologie 1:402
 distribution of references among those covered by *Science Citation Index* 1:537; 2:527
 East European, indexed by SCI in 1974 2:624
 East European, which published most-cited articles 2:632
 engineering sciences, cited four or more times in 1973 2:444
 engineering sciences, ranked by number source item pairs extracted for each journal 2:442
 geology and geophysics, among the 1,000 most-cited science journals 2:105
 geology and geophysics, most-cited 2:103
 German, 50 most-cited in 1974 2:472
 German, 53 with highest impact in 1974 2:471
 high-impact
 botany 3:142
 mathematics 3:142
 1974 3:137
 1969 1:538
 pathology 2:656
 history, philosophy, and sociology of science covered by ISI in 1979 3:724
 Italian, indexed by SCI in 1974 3:23
 Italian, that published most-cited Italian journal articles 3:34
 Latin American, used in citation study 2:577
 medical and clinical, among the 1,000 most-cited 2:87
 most-cited
 1974 3:133
 1969 1:256, 272
 pathology 2:650, 652, 654
 pediatric 2:97
 physics 2:156
 most-cited by
 pediatric journals 2:98
 physics journals 2:155
Phytopathology 1:401
 psychology journals 2:233
 Scandinavian journals 2:603

journals

journals (cont'd)

- psychology, 'psychology impact' of the
journals they cited 2:234
- reporting highest numbers of new compounds
1969 1:445
- Scandinavian, indexed by *SCI* in 1974 2:600
- Scandinavian, most-cited articles, 1961-1975
2:607
- which cited
- Acta Crystallographica* 2:129
 - agriculture journals 2:274, 276
 - Annals of Rheumatic Diseases* 1:341
 - Arthritis and Rheumatism* 1:341
 - Astrophysical Journal* 2:121
 - Australian and New Zealand journals 2:587
 - botany journals 2:206
 - cancer journals 2:164
 - Clinica Chimica Acta* 2:181
 - Clinical Chemistry* 2:181
 - Collection of Czechoslovak Chemical
Communications* 2:629
 - East European journals 2:628
 - engineering journals 2:307
 - French journals 2:411
 - German journals 2:469
 - Italian journals 3:25
 - Japanese journals 2:433
 - Journal of Clinical Investigation* in
1969 2:15
 - Journal of Experimental Medicine* 1:329
 - Journal of Geophysical Research* in 1969
2:114
 - Journal of Immunology* 1:329
 - Journal of Paleontology* in 1969 1:424
 - Latin American journals 2:579, 582
 - Phytopathology* 1:401
 - psychology journals 2:232
 - Scandinavian journals 2:604
- which improved their contents pages, 1977-1978
3:484
- which published most-cited
- biochemistry articles 3:46, 153
 - biological sciences, medicine, and
psychology articles 3:185
 - biomedical articles 3:77
 - Italian laboratory articles 3:38
 - life science articles 2:612
 - physical sciences articles 2:618; 3:55
 - physics and chemistry articles 3:129
 - Scandinavian articles 2:607

L

- L-5 News* 3:427
- Lazerow, S. (photograph) 1:374
- Leake, Chauncey D.
photograph 3:413
- quotations from writings 3:415
- select bibliography 3:419
- Lederberg, J. (photograph) 1:xv

M

- Mad* magazine advertisements for college
courses 2:450
- Malin, M. V. (photograph) 1:296
- Medawar, Sir Peter
photograph 3:303
- select bibliography 3:305
- miniprint
- Compact Edition of the Oxford English
Dictionary* 3:383
 - Current Contents* 3:385
 - Journal of Chemical Research* 3:382

N

- National Opinion Poll* - 'Pick the Issue'
3:428
- Nobel Prize winners since 1950 in physics,
chemistry, and physiology or medicine
3:344
- Non-journal items, most-cited, 1967 1:225
- Nouveau Journal de Chimie*, advertisement
announcing publication 3:101

P

- Patent Index of *Science Citation Index*,
sample entry 2:528
- Permuterm indexing, example 1:164, 201
- Permuterm Subject Index*, sample entry 1:203;
2:528
- Permuterm Subject Index*, use of in an
SCI search 1:205
- Philadelphia
Independence Hall c. 1796 (photograph) 2:575
- map of the city c. 1796 2:573
- street map 2:574

Q

- Quikscan*, search for chlorinated pyridines
1:309

R

- Reference Journal Citation Index*, sample
entries 1:294
- Reprint request response rates, by country 3:311
- Ring Index*, entry for adamantanes 1:306
- Russian-English dictionary, glossary 2:281

S

- Schroeder, M. (photograph) 1:389
- SCI* and *SSCI* 1977 - citation search using *Human Sexual Response* as cited item 3:436
- SCI* and *SSCI* - citation search using *Statistical Package for the Social Sciences* as cited item 3:437
- Science Citation Index*
- basic search technique; 'cycling' 1:204
 - sample column from the Citation Index 1:199; 2:288, 528
 - sample column from the Patent Index 2:528
 - sample column from the Source Index 1:200; 2:287, 528
- Scientific specialty map 2:548
- SDI service, production costs and prices 2:330
- self-cited and self-citing ratios of most-cited journals 2:193
- Shaw, Ralph R.
- aphorisms 3:508
 - photograph 3:506
 - selected bibliography 3:510
- Shepard's Citations*, sample entry 1:189
- Sopinsky, Phil (photograph) 3:44
- Source Journal Citation Index*, sample entries 1:295
- statistics on cited journals, 1969 1:529
- statistics on citing journals, 1969 1:530

T

- typeface - various sizes 3:380

U

- Unique Word Dictionary* - selected words 3:396

V

- Viewdata system - sample *SCITEL* entries 3:255

W

- White, H. S. (photograph) 1:260
- Who is Publishing in Science*, sample entries 3:408
- Wiswesser Line Notations
- entry for adamantanes 1:307
 - number of characters 1:309

- Wiswesser Line Notations (cont'd)
- fragments appearing most frequently in 1970 *CSI* 1:312
 - exclusion rules for symbols 1:310
 - World Health Organization, 1976 seasons greeting card 3:30