

EXCLU DU PRÉ

February 10, 1997

Volume 37

Number 6

CURRENT CONTENTS®

Physical, Chemical & Earth Sciences



INCLUDING

Analytical Chemistry • Applied Physics • Astronomy • Astrophysics
Atmospheric Sciences • Chemical Physics
Chemistry • Condensed Matter • Crystallography
Earth Sciences • Electrochemistry
Inorganic & Nuclear Chemistry • Materials Science
Mathematical Physics • Mathematics • Meteorology • Optics
Organic Chemistry • Paleontology
Particle & Nuclear Physics • Physical Chemistry
Physics • Physics-Fluids & Plasmas • Polymer Science • Spectroscopy
Statistics & Probability

ISISM

Institute for Scientific InformationSM

3501 Market Street, Philadelphia, PA 19104 U.S.A.

Not all journals covered by *Current Contents* are published weekly. Therefore, in any given issue your favorite journal may not be listed. However, it will be included as often as it is issued. For the complete List of Serials covered and the latest Publisher Guide see issue #1, January 6, 1997. For the latest Triannual Cumulative Index see issue #5, February 3, 1997.

FEATURED IN THIS ISSUE OF CURRENT CONTENTS®/PHYSICAL, CHEMICAL AND EARTH SCIENCES

FEATURES

5 Current Book Contents®

DISCIPLINE GUIDE

- 8 Multidisciplinary
- 14 Physics
- 34 Applied Physics/Condensed Matter/
Materials Science
- 64 Physical Chemistry/Chemical Physics
- 77 Chemistry
- 92 Spectroscopy/Instrumentation/Analytical

Sciences

- 98 Organic Chemistry/Polymer Science
- 115 Earth Sciences
- 125 Space Science
- 136 Mathematics

INDEXES

- 143 Title Word Index
- 180 Author Index & Address Directory
- 205 Publishers Address Directory

Current Contents processes all journal issues within two weeks of their receipt and makes every reasonable effort to insure their prompt delivery to ISI. Please note that the cover dates of some journals do not correspond to the actual publication dates.

If a journal is covered in more than one *CC*®, a letter code appears in parentheses next to the volume and issue number to identify which editions: (L)=Life Sciences; (P)=Physical, Chemical & Earth Sciences; (S)=Social & Behavioral Sciences; (A)=Agriculture, Biology & Environmental Sciences; (C)=Clinical Medicine; (E)=Engineering, Computing & Technology; (H)=Arts & Humanities.

JOURNALS APPEARING IN THIS ISSUE:

- | | | | |
|-----|---|-----|---------------------------------------|
| 136 | ACM TRANS MATH SOFTWARE,22 (4) | 120 | GEOPHYS PROSPECT,45 (1) |
| 77 | ACTA CHIM SIN,54 (12) | 120 | GEOPHYS RES LETT,24 (1) |
| 34 | ACTA MATER,45 (1) | 18 | HELV PHYS ACTA,69 (1996)S2 |
| 14 | ACTA PHYS POL A,90 (6) | 101 | HETEROCYCLES,43 (12) |
| 14 | ACTA PHYS POL B,27 (11) | 18 | HIGH ENERGY PHYS NUCL PHYS,20 (1) |
| 137 | ADVAN APPL MATH,18 (1) | 134 | ICARUS,124 (2) |
| 92 | AMER LAB,29 (1) | 138 | ILL J MATH,40 (4) |
| 78 | AN ASOC QUIM ARGENT,84 (1) | 68 | INT J QUANTUM CHEM,61 (4) |
| 92 | ANAL CHEM,69 (2) | 121 | INT J REMOTE SENS,18 (1) |
| 98 | ANGEW MAKROMOL CHEM,243 (DEC) | 19 | IZV AKAD NAUK FIZ,60 (10) |
| 137 | ANN PURE APPL LOGIC,83 (1) | 138 | J ALGEBRA,186 (3) |
| 137 | ANN STATIST,24 (5) | 85 | J AMER CHEM SOC,119 (1) |
| 64 | APPL MAGN RESON,11 (3-4) | 87 | J AMER CHEM SOC,119 (2) |
| 35 | APPL PHYS LETT,70 (2) | 122 | J APPL GEOPHYS,35 (2-3) |
| 93 | APPL SPECTROSC,50 (12) | 101 | J APPL POLYM SCI,63 (5) |
| 64 | APPL SURF SCI,108 (1) | 68 | J CHEM PHYS,106 (2) |
| 125 | ASTRON ASTROPHYS SUPPL SERIES,120 (4)SI | 70 | J CHIM PHYS PHYS-CHEM BIOL,93 (11-12) |
| 131 | ASTROPHYS J,474 (2)P1 | 95 | J CHROMATOGR SCI,35 (1) |
| 132 | ASTROPHYS J,474 (2)P2 | 21 | J COMPUT PHYS,129 (2) |
| 133 | ASTROPHYS J SUPPL SER,107 (2) | 37 | J EUR CERAM SOC,17 (2-3) |
| 133 | ASTROPHYS SPACE SCI,240 (2) | 123 | J GEODYNAMICS,23 (2) |
| 115 | ATMOS ENVIRON,31 (6) | 123 | J GEOL,105 (1) |
| 65 | BER BUNSEN-GES PHYS CHEM CHEM,100 (12) | 88 | J INDIAN CHEM SOC,73 (12) |
| 115 | BOUND-LAY METEOROL,81 (2) | 39 | J LOW TEMP PHYS,105 (5-6) |
| 116 | BOUND-LAY METEOROL,81 (3-4) | 43 | J MAGN MAGN MATER,164 (1-2) |
| 79 | BULL CHEM SOC JPN,69 (12) | 44 | J MAGN MAGN MATER,164 (3) |
| 80 | CAN J CHEM,74 (11) | 70 | J MAGN RESONANCE SER B,113 (3) |
| 99 | CARBOHYD POLYM,30 (2-3) | 45 | J MATER RES,12 (1) |
| 100 | CARBOHYD RES,296 (DEC 24) | 47 | J MATER SCI,32 (1) |
| 83 | CHEM BRIT,33 (1) | 48 | J MATER SCI LETT,16 (1) |
| 84 | CHEM LISTY,90 (12) | 21 | J MATH PHYS-NY,38 (1) |
| 67 | CHEM PHYS,214 (1) | 49 | J MOD OPTIC,44 (1) |
| 85 | CHEM UNSERER ZEIT,30 (6) | 71 | J MOL CATAL A-CHEM,114 (1-3) |
| 94 | CHEMOMETR INTELL LAB SYST,35 (2) | 73 | J MOL STRUCT,402 (1-3) |
| 17 | CHIN PHYS LETT,13 (10) | 50 | J NON-CRYST SOLIDS,208 (3) |
| 116 | COMPUT GEOSCI,22 (9) | 50 | J OPT SOC AM A-OPT IMAGE SCI,14 (1) |
| 18 | CONTEMP PHYS,38 (1) | 52 | J OPT SOC AM B-OPT PHYSICS,14 (1) |
| 116 | DEEP-SEA RES PT II-TOP ST OCE,43 (7-8) | 102 | J ORG CHEM,61 (26) |
| 11 | DOKL AKAD NAUK BELARUSI,40 (3) | 106 | J ORG CHEM,62 (1) |
| 12 | DOKL AKAD NAUK BELARUSI,40 (4) | 139 | J PURE APPL ALG,114 (1) |
| 118 | EARTH SURF PROCESS LANDF,21 (12) | 95 | J QUANT SPECTROSC RADIAT,57 (1) |
| 118 | GEOCHIM COSMOCHIM ACTA,60 (24) | 22 | J RHEOL,41 (1) |
| 119 | GEOPHYS J INT,128 (1) | 123 | J STRUCT GEOL,18 (12) |

CONTINUED