

January 13, 1997

Volume 37

Number 2

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 latest Triannual Cumulative Index see issue #38, September 16, 1996.

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

FEATURES

- 3 The Scientist®
7 Current Book Contents®

DISCIPLINE GUIDE

- 10 Multidisciplinary
31 Physics
58 Applied Physics/Condensed Matter/
Materials Science
111 Physical Chemistry/Chemical Physics
137 Chemistry
151 Spectroscopy/Instrumentation/Analytical

Sciences

- 166 Organic Chemistry/Polymer Science
179 Inorganic & Nuclear Chemistry
187 Earth Sciences
211 Space Science
219 Mathematics

INDEXES

- 228 Title Word Index
283 Author Index & Address Directory
323 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:

- | | | | |
|-----|--|-----|-------------------------------------|
| 137 | ACCOUNT CHEM RES,29 (12) | 34 | CHIN PHYS LETT,13 (9) |
| 58 | ACOUST PHYS-ENGL TR,42 (6) | 17 | CHIN SCI BULL,41 (19) |
| 219 | ADVAN MATH,123 (2) | 18 | CHIN SCI BULL,41 (20) |
| 31 | AMER J PHYS,64 (12) | 19 | CHIN SCI BULL,41 (21) |
| 151 | ANAL CHEM,68 (24) | 20 | CHIN SCI BULL,41 (22) |
| 153 | ANAL CHIM ACTA,335 (1-2) | 21 | CHIN SCI BULL,41 (23) |
| 154 | ANAL SCI,12 (6) | 189 | CLAY MINER,31 (4) |
| 166 | ANGEW MAKROMOL CHEM,242 (NOV) | 115 | COLLOID J-ENGL TR,58 (6) |
| 32 | ANN PHYS LEIPZIG,5 (8) | 167 | COLLOID POLYM SCI,274 (11) |
| 32 | ANN PHYS N Y,252 (1) | 35 | COMMUN MATH PHYS,182 (2) |
| 33 | ANNU REV NUCL PAR SCI,46 (1996) | 219 | COMPOS MATH,104 (2) |
| 111 | APPL CATAL A-GEN,147 (2) | 142 | COMPUT CHEM,21 (1) |
| 112 | APPL CATAL B-ENVIRON,10 (4) | 190 | CONTRIB MINERAL PETROL,125 (4) |
| 187 | APPL GEOCHEM,11 (5) | 35 | CONTRIB PLASM PHYS,36 (6) |
| 59 | APPL PHYS LETT,69 (23) | 190 | CRETACEOUS RES,17 (6) |
| 61 | APPL PHYS LETT,69 (24) | 142 | CROAT CHEM ACTA,69 (3) |
| 63 | APPL PHYS LETT,69 (25) | 65 | CRYOGENICS,36 (12) |
| 15 | APPL RADIAT ISOTOPES,47 (9-10) | 22 | CURR SCI,71 (10) |
| 155 | APPL SPECTROSC,50 (11) | 219 | DISCRETE APPL MATH,71 (1-3) |
| 156 | APPL SPECTROSC REV,31 (4) | 191 | EARTH-SCI REV,41 (3-4) |
| 112 | APPL SURF SCI,103 (4) | 191 | ECON GEOL BULL SOC ECON GEOL,91 (4) |
| 211 | ASTRON ASTROPHYS,315 (3) | 192 | ECON GEOL BULL SOC ECON GEOL,91 (5) |
| 212 | ASTRON ASTROPHYS,316 (1) | 157 | ELECTROANAL,8 (11) |
| 214 | ASTRON J,112 (6) | 116 | ELECTROCHIM ACTA,42 (3) |
| 215 | ASTRON ZH,73 (5) | 117 | ELECTROCHIM ACTA,42 (4) |
| 216 | ASTROPART PHYSICS,6 (1) | 35 | EUROPHYS LETT,36 (7) |
| 216 | ASTROPHYS J,473 (1)P1 | 66 | FIZ TVERD TELA,38 (8) |
| 218 | ASTROPHYS J,473 (1)P2 | 67 | FIZ TVERD TELA,38 (9) |
| 138 | AUST J CHEM,49 (10) | 192 | FIZ ZEMLI,1996 (9) |
| 137 | AUST J CHEM,49 (9) | 118 | FLUID PHASE EQUILIBRIA,125 (1-2) |
| 113 | BER BUNSEN-GES PHYS CHEM CHEM,100 (11) | 119 | FLUID PHASE EQUILIBRIA,126 (1) |
| 114 | BIOPHYS CHEM,63 (1) | 36 | FOUND PHYS,26 (10) |
| 139 | BULL CHEM SOC JPN,69 (11) | 158 | FRESENIUS J ANAL CHEM,356 (7) |
| 141 | BULL SOC CHIM FRANCE,133 (10) | 193 | GEOBIOS-LYON,29 (5) |
| 157 | BUNSEKI KAGAKU,45 (12) | 193 | GEOCHIM COSMOCHIM ACTA,60 (22) |
| 17 | C R ACAD SCI SER II B,323 (9) | 194 | GEOPHYS J INT,127 (3) |
| 187 | CAN J EARTH SCI,33 (12) | 195 | GEOPHYS RES LETT,23 (24) |
| 166 | CARBOHYD POLYM,29 (4) | 196 | GEOPHYSICS,61 (6) |
| 115 | CATAL TODAY,31 (3-4) | 198 | GEOSTANDARD NEWSLETT,20 (2) |
| 188 | CHEM GEOL,133 (1-4) | 36 | HELV PHYS ACTA,69 (4) |
| 189 | CHEM GEOL,134 (1-3) | 69 | HIGH TEMP-ENGL TR,34 (6) |
| 33 | CHIN J PHYS,34 (6) | 159 | HRC-J HIGH RES CHROMATOGR,19 (11) |

CONTINUED