

CELEBRATING
40 YEARS!

March 24, 1997

Volume 37

Number 12

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

- 3 The Scientist®
- 4 Journal Coverage Changes
- 7 Current Book Contents®

DISCIPLINE GUIDE

- 12 Multidisciplinary
- 17 Physics
- 43 Applied Physics/Condensed Matter/
Materials Science
- 84 Physical Chemistry/Chemical Physics
- 107 Chemistry

- 121 Spectroscopy/Instrumentation/Analytical
Sciences
- 133 Organic Chemistry/Polymer Science
- 152 Inorganic & Nuclear Chemistry
- 156 Earth Sciences
- 171 Space Science
- 177 Mathematics

INDEXES

- 186 Title Word Index
- 232 Author Index & Address Directory
- 265 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:

84 ACTA CRYSTALLOGR B-STRUCT SCI,53 (FEB 1)P1	135 COLLOID POLYM SCI,275 (1)
43 ACTA MATER,45 (3)	179 COMMUN PURE APPL MATH,50 (3)
133 ACTA POLYM,48 (1-2)	158 CRETACEOUS RES,18 (1)
107 AFINIDAD,54 (467)	18 CZECH J PHYS,47 (2)
17 AMER J PHYS,65 (3)	158 DEEP-SEA RES PT 1-OCEANOGR RES,44 (1)
156 AMER J SCI,297 (2)	13 DOKL AKAD NAUK BELARUSI,40 (5)
121 ANAL CHEM,69 (5)	94 ELECTROCHIM ACTA,42 (8)
122 ANAL CHIM ACTA,338 (3)	19 EUROPHYS LETT,37 (4)
133 ANGEW MAKROMOL CHEM,244 (JAN)	20 EUROPHYS LETT,37 (5)
171 ANN GEOPHYS-ATMOS HYDROS SPAC,15 (2)	124 FRESENIUS J ANAL CHEM,357 (3)
177 ANN INST FOURIER,46 (5)	20 GEN RELATIV GRAVIT,29 (2)
178 ANN PURE APPL LOGIC,83 (3)	159 GEOCHIM COSMOCHIM ACTA,61 (3)
178 ANN STATIST,24 (6)	160 GEOL SOC AMER BULL,109 (2)
85 APPL CATAL A-GEN,150 (1)	160 GLOBAL PLANET CHANGE,14 (3-4)
86 APPL CATAL A-GEN,150 (2)	111 HELV CHIM ACTA,80 (1)
179 APPL MATH OPT,35 (3)	48 IEEE J QUANTUM ELECTRON,33 (3)
44 APPL OPT,36 (7)	152 INORG CHEM,36 (5)
46 APPL PHYS LETT,70 (8)	161 INT J COAL GEOL,33 (2)
86 APPL SURF SCI,110 (FEB)	95 INT J QUANTUM CHEM,62 (2)
172 ASTRON ASTROPHYS,318 (2)	161 INT J REMOTE SENS,18 (3)
173 ASTROPART PHYSICS,6 (2)	96 INT J THERMOPHYS,18 (1)
174 ASTROPHYS J,477 (1)P1	21 INVERSE PROBL,13 (1)
175 ASTROPHYS J,477 (1)P2	21 IZV AKAD NAUK FIZ,60 (12)
18 AT DATA NUCL DATA TABLES,65 (1)	49 J AMER CERAM SOC,80 (2)
91 BER BUNSEN-GES PHYS CHEM CHEM,101 (2)	112 J AMER CHEM SOC,119 (8)
156 BULL AMER METEOROL SOC,78 (1)	125 J ANAL APPL PYROL,39 (2)
179 BULL SCI MATH,121 (1)	51 J APPL PHYS,81 (5)
123 BUNSEKI KAGAKU,46 (2)	135 J APPL POLYM SCI,63 (12)
157 CAN MINERALOG,34 (DEC)P6	136 J APPL POLYM SCI,63 (13)
133 CARBOHYD RES,297 (4)	162 J ATMOS SCI,54 (2)
134 CARBOHYD RES,298 (1-2)	96 J CHEM PHYS,106 (9)
92 CARBON,35 (2)	98 J CHEM SOC FARADAY TRANS,93 (3)
176 CELEST MECH DYNAM ASTRON,64 (4)	99 J CHEM SOC FARADAY TRANS,93 (4)
108 CHEM BER-RECL,130 (1)	126 J CHROMATOGR A,760 (1)
109 CHEM BER-RECL,130 (2)	126 J CHROMATOGR A,760 (2)
110 CHEM IND-LONDON,1997 (4)	162 J CLIMATE,10 (1)
110 CHEM PAP-CHEM ZVESTI,50 (6)	162 J CLIMATE,10 (2)
92 CHEM PHYS,215 (1)	100 J COLLOID INTERFACE SCI,186 (2)
93 CHEM PHYS,215 (2)	22 J COMPUT PHYS,131 (1)
94 CHEM PHYS LETT,266 (3-4)	127 J ELECTRON SPECTROSCOP RELAT PH,83 (1)
18 CHIN J PHYS,35 (1)	23 J FLUID MECH,331 (JAN 25)

CONTINUED