

(NY-5720)

On the Impulse Approximation Theory of Deuteron
Stripping Reactions, by Wang Te-yu, Ch'iu
Esi-chun, 15 pp.

CHINESE, per, Wu-li Hsueh-pao, Vol XVI, No 3,
1960, pp 123-131.

JPRS 7695

Sci - Phys

154,210

REF-1364

Improve Transportation in the Fields to Save
Labor Power, by Ch'iu Hsien-chung, 4 pp.

CHINESE, np; Jen-min Jih-pao, 8 Dec 1960, p 4.

REFS 8222

PE - China

ECON

May 61

154, 158

The Interaction Between a Microimpurity and the
Surface of Crystals, I. V. Melikhov, Chin Hsiao-
Hsi, M. S. Merkulova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 2, 1960, pp 401-404.

CB

Sci

Apr 61

149, 206

The Microcomponent Coprecipitation During the
Crystallization of the Macrocomponent From a Super-
Saturated Solution, by I. V. Melikhov, Chiu Hsiao-Si,
9 pp.

RUSSIAN, per, Radiokhim, Vol II, No 2, 1960,
pp 144-151.

AEC-~~tr~~-4576
PL-480

Sci

Jul 62

PST 566

205,457

(HR-6300/3)

Facilitate Production and Marketing Through
Cooperation Between Urban and Rural Areas, by
Chiu Hsin-yeh, 6 pp.

CHINESE, np, Jen-min Jih-pao, 29 Mar 1961, p. 2.

JPRS 9454

PE - China

Econ

Jul 61

160,594

(DC-4105)

Fou Hsin's New Things, by Ch'iu Hsin-yeh, 10 pp.
CHINESE, np, Jan-min Jih-pao, 3 Apr 1960, p 13.

JPRS 6397

FE - China

Econ

Jan 61

137,538

(SF-1251)

How We Should Extend Our Cooperative Work in
Leadership, by Chiu Hsin-yeh, 8 pp.

CHINESE, up, Jen-min Jih-pao, 13 Aug 1960, p 2.

JPRS 6936

FE - China

Pol

Mar 61

144, 283

J-2500

(DC-2594)

Down With the White Flag, Up With the Red Flag,
Struggle to Implement Thoroughly the Resolution
of Plenary Session of the Provincial Committee,
by Ch'iu Hsin-yeh, 6 pp.

CHINESE, per, Li-lun Hsueh-hsi, No 6, 1 Dec 1958,
pp 16-18.

PE - China

Pol

Jul 59

91,092

(NY-5435)

Survey of Dysentery Bacillus Types Found in
Kirin City in 1957, by Chang Ching-ho, Tseng
Hui-ch'un, Li Yu-hsing, Chia Hui-fang, 4 pp.

CHINESE, per, Jen-min Pao-chien, Vol II, No 5,
1960, pp 270, 271.

JPRS 7193

Sci - Med

Mar 61

142,097

(NY-5872/b)

Studies on Tsetse Flies, Part XI: Studies on
the Penetration of Host Tissue and Histological
Changes Caused by the Chigger Mite, Neoschongastis
~~gallinaria~~, Hatori (Acariformes, Trombiculidae),
by Ch'iu Ming-hua (Jou Ming-hua), Hsu Yin-ch'ia,
18 pp.

CHINESE, per, Wei-sheng-wu Hsueh-pao, Vol VII,
No 3, Nov 1959, pp 197-204.

JPRS 9607

165,289

Sci - Biology

Aug 61

(FM-3695).

Plant Geography of Yu-lung Snow Mountain, by
Ch'iu Lien-ch'ing, Chin Chen-chou, 13 pp.

CHINESE, per, Ti-li Chih-chih, Peiping, No 11,
1958, pp 484-487.

JPRS 2445

FM - China
Geog
Apr 60

112,729

Discussion of the Pruning of Mature Apple
Trees From the Aspect of Tree Structure, by
Chiu-nung Lu, Shu-nai Pao.
~~CHINESE~~, per, Nongye Jishu, No. 12, 1962,
pp 21-24
CSIRO/No. 7398

Chiu-nung Lu

Sci -
Aug 67

336-113

THE BOUNDARY OF OUR COUNTRY'S SUBTROPICAL ZONE, BY
CH'U PAO-CHEN, 18 PP.

CHINESE, PER, TI-LI, NO 2, 1962, PP 41-45.

JPRS 19672

7-CHINA

500

L 63

235,163

PRIMITIVE SOCIETY OF OWENKE, BY CHIU PU,
213 PP.

CHINESE, OK, AO WEN K'E JEN TI YUAN SHIH SHE
HUI HSING T'AI, PEIPING, FEB 1962, PP 1-157.

JPRS 16839

FE - MONGOLIA
SOC.

JAN 63

218,600

(FDD 25806)

"The Great Task of Controlling the Hwai River
(China)," by Chih-huai Wei-yuan-hui, 12 pp.

CHINESE, monograph, Wei-ta ti Chih-huai Kung-
ch'eng, Shanghai, 1952, pp 13-17, 24, 25, 30,
31, 38,

CIA/FDD/U-7645

FE - China

Econ - Water conservation

30,634

CTS 75/Dec 55

(249/-D)

Undertake Crash Construction Program and Fulfill
Our Tasks With Better Quality and Greater Savings,
by Mao Ch'iu, 4 pp.

CHINESE, per, Chien-chu, No 20, Peiping, ^{Oct} 1958,
pp 16-22.

US JPRS 528-D

FE - China
Econ
Feb 59

81,777

Nuclear Magnetic Resonance Spectrum Analysis in a
Polynuclear Spin System. I. The ABK, ABKn,
AnBKL and ABKLn Approximations, by
Ch'iu Tsu-wen, Yu, Lin-hua, et al.
CHINESE, per, Chung-kuo k'o Hsueh Yuan Ying Yung
Hua Hsueh Yen Chiu So Chi K'an, No 11, 1964,
pp 9-22.
*FTD-TT-65-1086

Sci-Phys
JUL 65 Aug 65

62-12070

Chiusoli, G. P., Minisci, F., and Quilico, A.
C. DIBASIC ACIDS DERIVED FROM DECALIN.
Pt. 10. Studies of the Oxidative Opening of Alicyclic
Rings. [1962] 9p.
Order from ATS \$14.40 ATS-72N561

Trans. of Gazz[etta] Chim[ica] Ital[iana] 1957, v. 87,
p. 90-99.

DESCRIPTORS: *Dibasic acids, Carbon Oxidation,
*Naphthalenes.

(Chemistry--Organic, TT, v. 8, no. 9)

- I. Title: Decalin
- I. Chiusoli, G. P.
- II. Minisci, F.
- III. Quilico, A.
- IV. Title: Studies . . .
- V. ATS-72N561
- VI. Associated Technical
Services, Inc., East
Orange, N. J.

C225884

Office of Technical Services

March With the Red Flag of the General Line Holding
High the Class Classification of the Old Intellectuals
by Chiu Ta-yu, 6 pp.

CHUNGKING, 22: Wan-hui Pao, Shanghai, 26 June 1956, p 2.

JPRS 472-D
CSO: 1640/6-D

FE - China

Pol

Jan 59

79,098

Great Production Contest Being Waged at Tang-shan
Steel Mill, by Feng Tzu, Chiu Tien, 6 pp.

CHINESE, np, Hsueh Jih-pao, 26 Nov 1960, p 2.

JERS 8311

EE - China

Door

Jun 61

153, 770

35

(DC-3988).

South China Subtropical Products Research Institute
Has Found New Approach Toward the Integration of
Research, Education, and Production, by ~~Ch~~ Chang
Ch'ang-hai, Ch'iu T'ing, 7 pp.

CHINESE, np, Kuang-ming Jih-pao, 15 May 1960, p 2.

JPRS 3939

FE - China
Econ
Sep 60

126,969

{FDD 26348}

My Appreciation of Michurinism and Soviet
Microbiology, by Ch'iu Wei-fan, 16 pp.

CHINESE, d np, Jen-min Jih-pao, Peiping,
26 Nov 1954, p 4.

CIA/FDD/U-7605

FE - China

Sci - Biology, microbiology

CYS 75/Dec 55

30,652

~~CONFIDENTIAL~~

100-1041

From American Chemical Foundation, source of
Methionine Chemical Plant, by Chia Yau-ann,
3 pp.

CHINESE, per, Hsu-hsueh Kang-yeh, No 1.
6 Jan 1960, pp 30, 31 (excerpt).

JPRS 6264

200 - China
Beon
Nov 60

133,468

Why Political Course Must Be ^Stepped Up in Institutes
of Higher Learning, by Chiu Ying, 4 pp.

CHINESE, per, Kaueh Hsi, No 15, 3 Aug 1957.

Dept of State, AmerConGen
Hong Kong, Ext from
China Mainland Mag, No 109
12 Nov 1957

FE - China
Pol.

Feb 58.

4 59,162

#30

(NY-4113)

Two Hundred Thousand Agro-Technicians Trained in
Honan Province, by Ch'iu Yu-chien,

CHINESE, np, Jen-min Jih-pao, 20 Apr 1960, p 6.

*JPRS

FE - China

Pol - Sociological, Econ

16 May 60

50

(DC-3830)

Distribution Policy Effectively Implemented, A
Rich Harvest in Ideology and in Production, by
Ho Chi-jui, Chiu Yu-yu, Ch'eng Ch'eng-chang,
Chou Chin-lung, 3 pp.

CHINESE, np, Kiangsi Shih-pao, 12 Jul 1959, p. 1.

JPRS 3405

PR - China

118,486

Recon - Communes

20 Jun 60

Doubts About Advocacy of Sino-Japanese Friendship, by
Ch'iu Yung-han, 1 p.

JAPANESE, per, Tairiku Mondai, Oct 1951.

USACRACAPAC (Field) PD
APO 5/9 Dec No 100522

FE - Japan

Fol

Dec 5/9

62-17886

Chiurco, G. A.
CLINICAL-SOCIAL ASPECTS OF PRECANCEROUS
AND PULMONARY CANCEROUS CASES. [1962] 15p.
Order from K-H \$19.55 K-H 11053-a

Trans. of Acta Medicinæ Legalis et Socialis (Belgium)
1959, v. 12, no. 3/4, p. 147-155.

DESCRIPTORS: Attitudes, *Adjustment (Psychology),
*Cancer, *Lungs, Therapy, Sociology.

I. Chiurco, G. A.
II. K-H-11053-a
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C222410

(Biological Sciences--Pathology, TT, v. 8, no. 5)

Office of Technical Services

REF ID:

Reactions of Carbon Monoxide; The Function of
Nickel Carbonyl in Some New Syntheses, by
G. P. Chiusoli, 5 pp.

Trin/En
Gazzetta Chimica Italiana,
Vol LXXIX, No 5/6, 1959, pp 1332-1337.

ATS-09M38J

187, 188

Mar 62

62-12680

Chiusoli, G. and Minisci, F.
REACTIVITY OF FREE RADICALS WITH CARBON
MONOXIDE AND NITRIC OXIDE. [1961] 4p.
Order from ATS \$5.00 ATS-79P581

Trans. of Accad[emia] Naz[ionale] [e dei] Lincei. Classe
[di] Scienze Fis[iche] Mat[ematiche] e Nat[urali]
Rend[iconti] (Italy) 1957 (ser. 8) v. 23, p. 140-143.

DESCRIPTORS: *Free radicals, *Carbon compounds,
*Monoxides, Chemical reactions, Oxides, Nitrogen
compounds

(Chemistry--Organic, TT, v. 7, no. 11)

I. Chiusoli, G.
II. Minisci, F.
III. ATS-79P581
IV. Associated Technical
Services, Inc., East
Orange, N. J.

ATS/1005-IJ

265698

Office of Technical Services

Chiusoli, Gian Paolo and Cometti, Giuseppe.
COUPLING OF ALLYLIC DERIVATIVES BY NICKEL
CARBONYL. [1963] 2600 words, 17 refs.
Order from CTS(Chem) \$10.40 CTS(Chem)-336
subsequent copies \$1.75/ea.

Trans. of [la] Chimica e [l']Industria (Italy) 1963,
v. 45 [no. 4] p. 401-404.

DESCRIPTORS: *Halocarbons, Allyl radicals, *Bu-
tenes, *Propenes, Polymerization, Catalysts, Complex
compounds, *Nickel catalysts, *Carbonyl radicals

(Chemistry--Organic, TT, v. 10, no. 2)

63-17428

I. Chiusoli, G. P.
II. Cometti, G.
III. CTS(Chem)-336
IV. Chemical Translating
Service, Palo Alto,
Calif.

63-17428

Office of Technical Services

61-25424

Chiusoli, Gian Paolo.
PROGRESS IN ORGANIC REACTIONS WITH CARBON
MONOXIDE. Paper from Fair of Milan (no. 39) 18-20
Apr 61. 1961, 2400 words, 15 refs.
Order from CTS(Chem) \$9.60 CTS(Chem)-233
Subsequent copies \$1.60/ea.

Trans. of [la] Chimica e [l'] Industria (Italy) 1961, v. 43,
no. 6, p. 638-640.

DESCRIPTORS: *Carbon compounds, Monoxides,
Metallic compounds, Carbonyl radicals, Chemical
reactions, Synthesis, Catalysts.

(Chemistry--Organic, TT. v. 6, no. 10)

- I. Chiusoli, G. P.
- II. Title: Fair. . .
- III. CTS(Chem)-233
- IV. Chemical Translating Service,
Palo Alto, Calif.

Office of Technical Services

Addition Reactions of the Allyl Group: Synthesis of
 β -Propionic Compounds, by G. P. Chiusoli.

ITALIAN, per. la Chimica e l'Industria, Vol XLIII,
No 4, 1961, pp 365-368.

SLA 61-18690

Sol
Mar 62

Vol VII, No2

189,546

61-18689

Chiusoli, G. P. and Merzoni, S.
A NEW METHOD OF CATALYTIC CARBOXYLA-
TION. Note 5 of Reactions of Allyl Derivatives with
Acetylene and Carbon. [1961] [14]p. 14 refs.
Order from: SLA \$1.60

Trans. of la Chimica e Industria (Italy) 1961, v. 43,
p. 259-262.

DESCRIPTORS: *Acetylenes, Metalorganic compounds,
Hydrogen, Synthesis, *Allyl radicals, *Nickel com-
pounds, *Carbonyl radicals, Catalysts, Catalysis,
*Carbon compounds, *Monoxides, Chemical reactions.

After a brief discussion of the reaction mechanism
based on recent progress in the field of the chemistry
of metallo-organic compounds, there is described a
method of carboxylation consisting in the use of nickel
compounds with catalytic action. (Author)
(Chemistry--Physical, TT, v. 6, no. 12)

I. Chiusoli, G. P.
II. Merzoni, S.
III. Title: Reactions...

Office of Technical Services

Chluzzi, A.
MEDICO-SOCIAL REFLECTIONS OF TOBACCO
POISONING. [1962] 30p.
Order from K-H \$27.50 K-H 8650-a

Trans. of Acta Medicinæ Legalis et Socialis (Belgium)
1957, v. 10, no. 4, p. 577-593.

DESCRIPTORS: *Tobacco, *Poisoning, *Medicine,
*Sociology.

(Biological Sciences--Pathology, IT, v. 2, no. 5)

62-17887

I. Chluzzi, A.
II. K-H-8650-a
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

0222721

Office of Technical Services

(TDD 87698)

A Journey in the Pirin Mountains (Bulgaria),
by I. Chivchibashiev, 7 pp.

BULGARIAN, no. 4 per, ~~SECRETIVE~~. Vol V, No 1.
Sofia, 1955, pp 22, 23.

CIA/TDD U-8769

EEur - ~~RM~~ Bulgaria-Geo
Oct 56

39, 811

The Reaction of Tetraethoxysilane with Alumi-
num Glycerate, by A. N. Chivikova, 8 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXX, No 3,
1957, pp 454-460.

Con Bu

Sci - Chem
AUG 58

66,420

Machine for Gutting Small ~~SMALL~~ Fish, by
V. P. Chivilenko, I. I. Vedernikov, 4 pp.

RUSSIAN, per, Ryb Khoz, Vol XXXIV,
No 10, 1958, pp 62-64.

OTS 60-21096
(PL-480)

Sci - Engr
Sep 61

168,204

Machines for Sorting Shell Fish, by
V. P. Givilenko, I. I. Vedorukhov.

RUSSIAN, per, Rybnoye Khoz, Vol XXXIV, No 10,
1958, pp 62-64.

OTS-60-21096
(PL 480)

117, 739

Sci - Engr
Jun 60

A. One Way of Laying AP Minefields, by Capt
Novo Chivsha; B. Protective Painting, by Lt
Col Dobrossav Nikolich, 16 pp.

SERBIAN, per, Vojno-Tehnicki Glasnik, No 6,
1954, pp 404-411.

G-2, GSUSA G-5281, A, B

EEur - Yugoslavia
Military - ~~XXXXXXXXXX~~ Camouflage
CTS 73/Oct 55

27, 9/11

Central Bantu Historical Texts III: Royal
Praises and Praise Names of the Lunda Kazemba of ~~NX~~
Northern Rhodesia, the Meaning and Historical
Background, by Jacques Chileya Chiwale, 67 pp.

UNKNOWN.

Lusaka, Rhodes-Livinstone Inst
1962

Jan 63

Automatic Remote Control of Water Distribution,
by I. B. Chish, 4 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXII,
No 8, 1961, pp 1095-1099.

ISA

Sci

Jun 62

200,606

Electric and Magnetic Properties of the System
 ZnSe-CdSe , by I. M. Pilat, L. D. Chizh, S. Yu.
Voityshen, 3 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 4,
1958, pp 786-788.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 4

78,699

Sci - Phys, Electron
Jan 59

I. M. Chyhenko

*A double bridge converter with two groups of commutating
capacitors, by I. M. Chyhenko.*

ABSTRACT, for, Investing UVE, Sverdlovsk, No 1, 1967,

pp 65-74.

EI 25308

pp 73

Mr. Chislenko

A double bridge converter with a commutation device,
by I. V. Chislenko.

RUSSIAN, for, Investing 702, Thongetile, No 4, 1958,

pp. 23-32

CHI 25804

ap 72

Investigations in the Field of Oxide Additions
IV. The Interaction of Oxidation of Allyl
esters of Nitrophenols with Benzimidazole, by
Y. I. Ghibeyskaya and V. I. Zaslavskiy-Kolysa.
1959.

RUSSIAN. per, Zhur Ghelekh Khim, Vol XXVII, No
6, 1957, pp 1400-1409.

Conservation Bureau

Sol. - Chem
sep 28

Investigation on Oxide Compounds. VAIN
Examination of α -oxides of Allyl Fibers
of α , β and γ -hydroxyphenols with α -
oxidation, by L. I. Chishchevskaya and
V. I. Dansevich-Koludko, 4 pp.

RUSSIAN, part: Zhur Goshch Khim, Vol. XXVII,
No. 5, 1957, pp 1223-1225.

Consultants Bureau

Sci - Chem
Sep 58

72, 759

Investigation in the Field of Tautomeric Compounds.
XVII. The Lability of Hydrogen Atoms of the
Quinaldine Methyl Group, by A. S. Porai-Koshits,
I. I. Chichayevskaya, 8 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 7,
Jul 1956, pp 1950-1951. 1958.

Consultants Bureau

Sci - Chemistry
Nov 57

55, 019

Tetralin Hydroperoxide. The Preparation of
Certain α - β -Derivatives of Tetralin, by I. I.
Chizhenskaya, Z.-B. Idelchik, 46 pp.

RUSSIAN, per, Zhur Obsheh Khim, Vol 27, No 1,
1957, pp 83-87.

Consultants Bureau

Sci - Chem

Jun 58

65,329

Tautomeric Compounds. IX. The Mobility of the
Hydrogen Atoms α of the Methyl Groups of
Nitrotoluenes, by A. E. Porel-Koshits, I. I.
Chishchinskaya, 6 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 3, 1956, pp 842-848.

Consultants Bureau

Sci - Chemistry
Jan 57 CBB

42,531

The Determination of the Crystallization Temperature
of Alloys by the Viscosity Method, by V. M. Glazov,
S. N. Gusevskaya, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XLVI, No 6, 1960, pp
720-722.

IRA

Est -
Apr 61

148,179

The Thermal Stability of Aluminum, Gallium and
Indium Antimonides Dissolved in Molten Germanium,
by V. M. Glazov, S. N. Chizhevskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4,
1959, pp 869-872.

CB

Sci

Oct 60

130,663

(NY-6536)

Selected Translations From "Aeroionification in
the National Economy", by A. L. Chizhevskiy.
233 pp.

RUSSIAN, bk. Aeroionifikatsiya v Narodnom
Khozaystve, 1960, 758 pp.

JPRS 9673

Sci - Med

Aug 61

164,178

Air Ionization in Buildings, by A. L. Chizhevskiy,

RUSSIAN, par, Vest Ak Nauk Kazakhskoye SSSR, No 9,
1953, pp 34-44.

DSIR/31844/CT

Sci - Eng

Sept 58

73, 849

CHIZHEVSKII, N. P.
CHERNYSHEV, D. N.

Stal, vol. 6, 1948, pp. 495-498; 5 figures,
2600 words.

Relationship Between Coke Quality Indices and
Performance of Blast Furnace.

Butcher Trans, Order No. 2355, \$4.55

ORLOVSKII, R. F.
ORLOVSKII, D. K.

Izvestiya akademii nauk sssr, 1948, No. 1, 1 figure,
2200 words. 23-24

The Combustibility of Coke.

Handwritten:
S. 1/2 1948
1948

Brutcher Trans, Order No. 2108, \$3.85.

(DC-2700/5).

On Measures For Increasing Yields and Tasks of
Agricultural Science, by M. G. Chizhevskiy, 13 pp.

RUSSIAN, per, Iz Tsel'nyayevskoy Sel'skokhoz. Ak.,
No 2, (27), 1959, pp 15-24.

JPRS-960-D

USSR
Econ - Agriculture
Oct 59

98,776

(DC-2700/3).

Methods of Increasing Average Yields During
the Seven-Year Plan Period, by M. G.
Chizhevskiy, 9 pp.

RUSSIAN, per, Zemledelie, No 1, 1959, pp 9-14.

JPRS-856-D

USSR
Econ
Aug 59

94.769

The Effect of a Lucerne Grass Mixture on
the Improvement of the Structure of Western
Precaucasian Chernozems, by M. G. Chizhevskiy,
V. S. Kosinskiy, 11 pp.

RUSSIAN, no per, Pochvoved, No 2, 1953,
pp 52-59.

Sci Trans Center
RT-2094

Scientific - Biology
CTS 70/Jul 55

25,443

Investigation of the Electrical Conductivity of
Germanium and AlIISb Compounds in the Melting Region
and the Liquid State, by V. M. Glazov, S. M.
Khizhevskaya, 4 pp.

Vol III
RUSSIAN, per. Fiz Tverdogo Tela, No. 9, 1961, pp.
2694-2698

AIP
Sov Phys-Solid State
Vol III, No. 9

Sci

Mar 62

192, 465

On the Joint Solubility of Elements of the III
and V Groups in Germanium, by V. N. Glazov,
D. A. Petrov, S. N. Chizhovskaya, 4 pp.

RUSSIAN, per, Iz Ak Nauk USSR, Otdel Tekh
Nauk, Metal i Toplov, No 4, 1959, pp 153-155.

MDP G-179

9092760

171,531

Sci
Oct 61

120
Application of the Theory of Heredity to the
Problem of the Recalculation of Data Pertain-
ing to the Relaxation of Creep Stresses, by A.
A. Chishik, 8 pp.

RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i
Tekhnicheskoy Fiziki, No 4, 1964.

P100326767

FTD-HT-66-261

A. A. Chizhik

Sci-Physics
Dec 67

346,072

Scientific Research on Turbine Materials, by A. I.
Chizhik, 34 pp.

RUSSIAN, bk, Razvitiye Tekhniki na Leningradskom
Metallicheskoy Zavode imeni Stalina, 1957, pp 260-274.

013 60-51160
21-480

Sci-Eng

155, 335

Jun 61

FST 152

The Structure of Root-Nodule Bacteria, by G. Ya.
Chizhik, 6 pp.

RUSSIAN, ^epar, Mikrobiolog, Vol XXVIII, No 1, 1958,
pp 28-33. ~~78~~

Amer Inst of Bio Sci

Sci - Biol

Sep 59

96,832

11 743/I/x

US-3

CHIZHIKOV A. I., BOYARSHINOV V. K.

Experiment on the use of tritium for the determination of
hydrogen in metals

p. 489-498 of "Metallurgiya i metallovedenie"

Publishing House of the Academy of Sciences, Moscow, 1958

NP-tr-448. (See also ref. 11 743) - English

E u r a t o m

Experiment on the Use of Tritium for the
Determination of ~~the~~ Hydrogen in Metals, by A. I.
Chishnikov, V. K. Boyarshtinov,

RUSSIAN, bk, Metallurgiya i Metallovedenie, 1958,
pp 489-498.

AEC NP Tr-448

Sci - Min/Met
27 Oct 60

130,787

Use of Tritium for Study of Behavior of Hydrogen in
Metals, by A. I. Chizhikov, V. K. Boyarshinov.

RUSSIAN, no per, Zav Lab, Vol XXIII, No 1, 1957,
pp 11-14.

Brutcher Tr 4039
\$4.00

Sci - Min/Met

Jan 58

57, 371

The Influence of Crystal Structure on Reduction
Kinetics, by D. M. ~~Chizhikov~~ Chizhikov, Yu. V.
Tsvetkov, 5 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 1,
1961, pp 50-54.

CB

Sci
Jun 62

200,260

Reaction of Titanium Tetrachloride with Its
Dioxide in the Presence of Carbon, by
D. M. Chizhikov, 4 pp.

RUSSIAN, per, Tsvetnye Metally, Vol I, No 12,
1960, pp 42-46.

Primary Sources

Sci

May 62

195,773

Problems in Chlorinations of Titanium-Bearing
Materials, by D. M. Chizhikov, V. N. Korsunskaya,
NNX 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Metall i Toplivo, No 5, 1962, pp 74-80.

SIC

Sci
Apr 63

233,684

The Kinetics of Reduction of Zinc Oxide by Carbon
Monoxide, by Yu. V. Tsvetkov, D. M. Chizhikov, 11 pp.

RUSSIAN, per, Trudy Inst Metallurg imeni A. A. Baikova,
No 3, 1958.

OTS 60-51087
FL-480

Sci

Jun 68

PST 3/6

197,653

63-22418

Chizhikov, D. M. and Korsunskaya, V. N.
PROBLEMS IN CHLORINATION OF TITANIUM-
BEARING MATERIALS. [Aug 63] 1 ref.
Order from SIC \$12.00

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya Metallurgiya i Toplivo, 1962, no. 5, p. 74-80.

Also available from SIC in Russian Metallurgy and Fuels, 1962, no. 5, \$68.00/year.

DESCRIPTORS: *Titanium compounds, Oxides, *Chlorination, Slags, Chlorine compounds, Chemical reactions, Carbon.

An apparatus is described for studying the reaction between TiO_2 , Cl_2 , and C to give TiCl_4 at temperatures between 600 and 1000°C. The effect of other oxides in the slag, such as FeO , MgO , Al_2O_3 , and SiO_2 is studied. (Metallurgy, TT, v. 10, no. 11) (over)

I. Chizhikov, D. M.
II. Korsunskaya, V. N.
III. Scientific Information Consultants Ltd. (Gt. Brit.)

Office of Technical Services

Microhardness of Certain Sulfide Alloys, by Z. P.
Galyanitskaya, D. M. Chishikov, 7 pp.

RUSSIAN, per, Trudy Inst Metallurg imeni A. A. Baikova,
No 3, 1958.

OTS 60-51087
FL-480

Sci

N Jun 62

PET 3/6

197,652

The Surface Tension and Density of Zinc-containing
Silicate Melts, by D. M. Chizhikov, S. S. Deyneka,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXVIII,
(CXXXIX), No 6, 1961, pp 1402.

CB

Sci

Nov 62

217,981

Nonferrous Metallurgy, by D. M. Chizhikov, 59 pp.

RUSSIAN, bk, Metallurgiya SSSR (1917-1957), Vol I,
Part 2, 1958, pp 448-495.

OTS 60-51188
FL-480

USSR
Econ
Sep 61
SET No 119

166,944

Raffinage a l'Iodure du Niobium, (Refining With
Niobium Iodide), by D. M. Chizhikov, A. M.
Grin'ko, 3 pp.

RUSSIAN to FRENCH, per, Shur Leonen Shis,
Vol IV, 1959, pp 982-984.

Reverse Trans
CEA Tr-21-940

Sci
Apr 61

Diagram of State of the System $\text{FeO-Fe}_2\text{O}_3\text{-H}_2\text{O}$ by
E. I. Sokolova, D. N. Chizhikov, 8 pp.

RUSSIAN, per, Zhur Krongau Khim, Vol. XI, No 7,
1957, pp 1662-1666.

ACC-4057

Sci. Chemistry

Dec 60

PSX 84

134,096

State Diagram and Magnetic Susceptibility of
Calcium-Iron Silicates, by D. M. Chishikov,
V. P. Schastlivyi, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 6,
1960, pp 1264-1268.

AIP
Sov Phys-Solid State

Sci

138, 188

Jan 61

the Distribution Coefficient of Tin in Selenium,
by D. M. Chizhikov, V. M. Edel'shtein, 3 pp.

RUSSIAN, per Fiz Tverdogo Tela, Vol II, No 5,
1960, 863-865.

pp

AIP

Sov Phys-Solid State

Sci

Jan 61

138, 124