

Distribution of the Individual Components of Coal
Ash Between the Petrographic Fractions Obtained
by the Selective Crushing Method, by M. P. Babkin,
2 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 1,
1956, pp 147-148 CIA C 43286

Consultants Bureau

Sci - Chemistry

37,023

Aug 1956

Instrument for Visual Observation of Ferrite-
Instrument Frequency Characteristics, by N. I.
Bobkin, V. Ya. Lozovoyi, 3 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V, No 1,
1960, pp 171, 172.

PP

3cl
Aug 61

167, 123

(NX-4850)

Certain Changes in Sweep Circuits That Increase
the Stability of Television-Receiver Operation, by
N. I. Babkin, 10 pp.

RUSSIAN, per, Vestnik Svyazi, No 2, 1959.

JPRS 5995

Sci

Apr 61

146,026

(NY-4859)

Detection of Malfunctions in the Vertical-Sweep
Stage of a Television Receiver, by N. I. Babkin,
13 pp.

RUSSIAN, per, Vestnik Svyazi, No 11, 1959.

JPRS 7006

Sel

Dec 60

134,301

(NY-6994)

From the Experience of a Television Repair
Shop, by N. I. Babkin, 10 pp.

RUSSIAN, per, Vestnik Svyazi, No 2 (263), 1962.

JPRS 13870

Sci

Jun 62

197,508

Instrument for Continuous Observations of the
Angle of Rotation of the Plane of Polarization
by a Ferrite as a Function of Magnetizing Cur-
rent and Microwave Frequency, by N. I. Babkin,
G. D. Litvinov, 3 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V, No 1,
1960, pp 169, 170.

PP

167, 122

Sci
Aug 61

(NY-5336)

Installation of the PTP-1 Attachment for
the Television Receiver Zvezda of the Earliest
Manufacture, by N. I. Babkin, 7 pp.

RUSSIAN, per, Vestnik Svyazi, No 6, 1957.

JPRS 9215

156,721

Sci
Jun 61

The Establishment of Reflex Activity in Early
Postnatal Life, by P. S. Babkin, 6 pp.

RUSSIAN, per, Fiz Zhur SSSR in I. M. Sechenova, Vol
XLIV, No 9, 1958, pp 922-927.

Pergamon Inst

Sci - Med

Feb 59

81,892

Determination of Dissolved Oxygen in Water, by
R. L. Babkin, K. P. Epeikina.

RUSSIAN, per, Toploenergetika, No 2, 1962,
pp 48-54.

NLL M 8893

Sci - Chem
Feb 63

223,552

Discrepancies in Oxygen Determination by Various
Methods, by R. L. Babkin. UNCL

RUSSIAN, per, Elek Stant, Vol XXVIII, No 6,
1957, pp 19-22.

DSIR LIU (loan) M.431

Sci - Chem
Aug 59

94, 883

S-5390

(NY-2950).

Apperatus for Spraying Therapeutic Solutions in
the Treatment of Burn Patients, by S. N. Babkin,
P. D. Belyakov, M. M. Trusov, A. G. Nesterenko,
3 pp.

RUSSIAN, per, Khirurgiya, No 7, 1959, pp 138-139.

JPRS-L-1006-N

Sci - Med - Surgery
Oct 59

98,847

Modern Equipment for Intestinal Surgery, by S. I. Babkin, G. V. Astaf'yev, T. V. Kalinina, 8 pp.

RUSSIAN, bk, Novye Khirurgicheskie Apparaty i Instrumenty i Opyt Ikh Primeneniya, No 1, 1957.

OTS 60-21169
PL-480

Sci - Med

172,712

Nov 61

PST 212

Raising the Quality of Superphosphate and Decreasing
the Time of its Storage, by L. V. Vladimirov, E. E.
U. S. Babkin, E. E. Dokskiy, 10 pp.

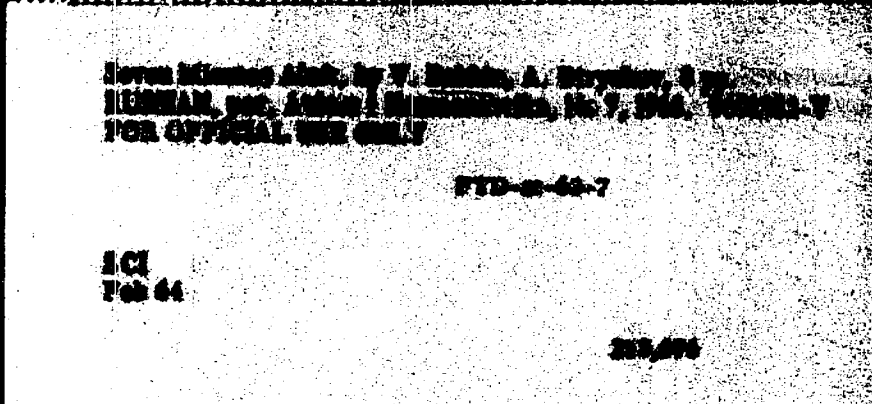
RUSSIAN, per, Zhur Khim Prom, Vol XXII, 1938.

SIA R-2802

Sci

Jul 59

92,638



Some remarks on Goncharov's Paper "From the Domain
of Combinatorics" by V. I. Babkin, P. F. Belayev,
Yu. I. Maksimov, 6 pp.

RUSSIAN, per, Teoriya Veroyatnostey i Yeye
Primeneniya, Vol IV, No 4, 1959, pp ~~445-450~~.
445-450.

SIAM

Sci.

Jun 61.

155,203

Effect of Tempering on Structure and Mechanical
Properties of Magnesium Alloy ML5-14, by V. M.
Vashin.

RUSSIAN, *eng.*, Metal & Therm Chem Metallurg,
No 8, 1959, pp 45-49.

HB 4530

Sci. - Min/Met

May 60

116,537

<p>Babkin, S. I. and Bobrov, B. S. NEW DEVICE FOR SUTURING STOMACH STUMPS (Novyi Apparat dlya Ushivaniya Kul'ti Zheludka) tr. by G. Belkov. 1963, 7p. NRCC Technical Trans. 1081. Order from NRCC \$0.50 NRCC C-4469</p>	<p>63-22230</p>
<p>Trans. of Meditsinskaya Promyshlennost' SSSR, 1957 [v. 11] no. 4, p. 56-58.</p>	<p>I. Babkin, S. I. II. Bobrov, B. S. III. NRCC TT-1081 IV. NRCC C-4469 V. National Research Council of Canada</p>
<p>DESCRIPTORS: *Surgical instruments, Stomach, Sutures, Surgery.</p>	<p>A247684</p>
<p>(Biological Sciences--Medical Specialties, TT, v. 10, no. 8)</p>	<p>Office of Technical Services</p>

The Basic Technical Premises and Contemporary Ways
Solving the Task of Creating Surgical Suturing
Equipment, by S. I. Babkin, 6 pp.

RUSSIAN, bk, Novye Khirurgicheskie Apparaty i
Instrumenty i Opyt Ikh Primeneniya, No 1, 1957.

OTS 60-21169
PL-480

Sci - Med

172,687

Nov 61

PST 212

Investigation of the Mechanism of Differentia-
tion of Frequency Fluctuations γ by Means
of Models of the Cochlea and a Skin Receptor,
by V. P. Babkin, O. M. Rozen, 4 pp.

RUSSIAN, per, Biofiz, Vol VI, No 2, 1961.

Elsevier Pub. Co.

Sci

May 62

195,758

Investigation of Vibrational Sensitivity and
Factors ~~influencing~~ Influencing It, by
V. P. Sabkin, O. M. Rozen, L. N. Tumarkina,
7 pp.

RUSSIAN, per, Biograf, Vol VI, No 1, 1961.

PP

Sci

Jan 62

182,732

Influence of Curvature on the Rate of Laminar Flame
Propagation in Lean Propane-Air Mixtures, by V. S.
Babkin, I. L. Kuznetsov, L. S. Kosachenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLVI, No 3,
1962, pp 625-627.

CIA/TED XI-1314
NO FOREIGN DISSEM
USIB INTERNAL USE ONLY

Sci
Dec 62

218,172

The Mechanism of Predetonation Propagation of
Flame in Rough Tubes, by V. S. Babkin, L. S.
Kozachenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 3
1960, pp 591-592.

GB

149,752

Sci

Apr 61

S-396/60

(NY-4361).

The Mechanism of Predetonational Flame Propagation
in Rough Tubes, by V. S. Babkin, L. S.
Kozachenko, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXXXI, No 3,
1960, pp 591, 592.

JPRS 5802

Sci - Phys
Oct 60

128,936

Corrosion of Metals in Thionyl Chloride, by V. A. Eitov, Yu. A. Babkin, I. M. Balandin, 3 pp.

RUSSIAN, per, Zhur Evik Khim, Vol. XXXII, No 5, 1959, pp 1167-1168.

Consultants Bureau

Sci

June 60

117,753

(NY-1374)

Change in the Simple Motor Reaction Time of
Flight Students, by M. S. Lyaskovskiy, A. S.
Babkina, 6 pp.

RUSSIAN, per, Voyenno Medit-Zhur, No 3, 1960.

JPRS 5280

Sci - Med

Sep 60

125,431

Utilization of Synthetic Fibers in Every Day Silk
Fabrics, by I. E. Rabkina, S. S. Syuchgens, I. A.
Bndriyeva. *ID 2128239*

RUSSIAN, per, Tekstil Prom, No 6, 1958, pp 15-17.

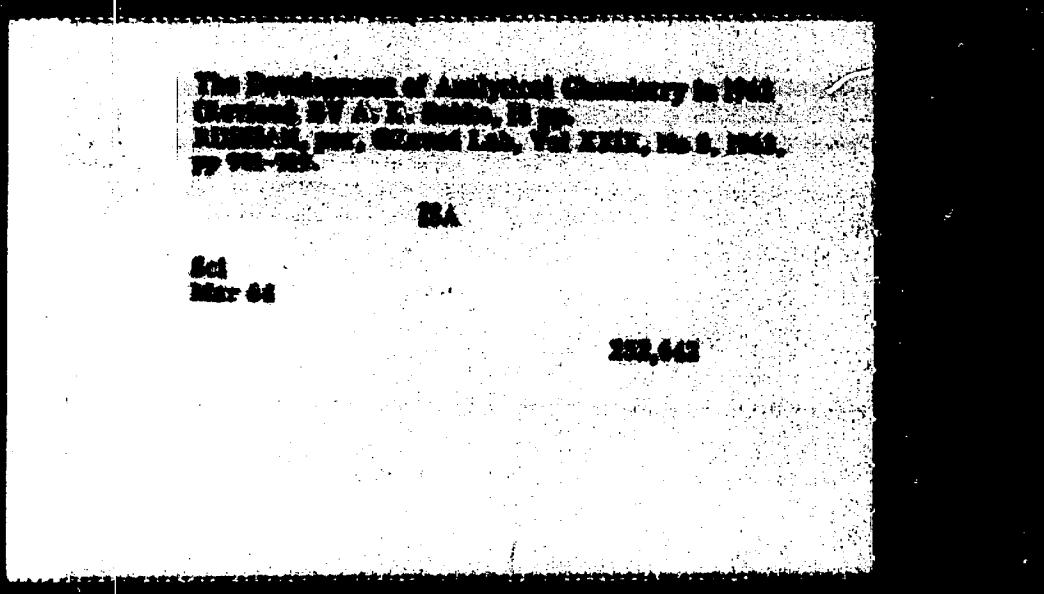
ACSI, H-4019

USSR

ECON

Dec 59

104,362



Comparaisons des Reactifs Utilises Pour le
Dosage Colorimetrique du Zirconium II. pH
Optimum et Specificite des Reactifs,
by A. K. Babko, V. T. Vasilenko, 11 pp.

RUSSIAN to FRENCH, per, Ularin Khim Zhur,
Vol XXVII, No 3, 1961, pp 396-402. 9069052

CEA R-1620
Reverse Translation

Sci
Nov 62

Babko, A.K. and Mikha'chishin, G.T.
SEPARATION DU FER DE Al ET DE Mg PAR EX-
TRACTION DE NITROSONAPHTOLATE DE FER
(Otdelenie Zheleza ot Alyuminiya i Magniya Ekstra-
girovaniem Zheleznogo Nitrozonafitolata) (Separation
of Iron from Aluminum and Magnesium by Extraction
of Iron Nitrosonaphthalate). 11p. (foreign text inclu-
ded) 12refs. CNRS-VII 54.
Order from OTS, ETC or CNRS \$1.60 TT-62-28769

Trans. in French of Ukrainskii-Khimicheskii Zhur-
nal (USSR) 1956, v.22, no.5, p.676-678.

DESCRIPTORS: Quantitative analysis, *Iron, Iron
compounds, *Complex compounds, Organic
compounds, Solvent extraction.

(Metallurgy--Ferrous Metals, TT, v. 11, no. 9)

TT-62-28769

- I. Babko, A.K.
- II. Mikha'chishin, G.T.
- III. CNRS-VII 54
- IV. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

A Photographic Chemiluminescent Method for the
Determination of Microamounts of Copper and
Hydrogen Peroxide, by A. K. Babko, N. M.
Lukovskaya, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVII, No 1,
1962, pp 50-52.

CB

Sci

Oct 62

214,376

Dosage photométrique direct des éléments de terres rares
d'après les taches chromatographiques sur papier,
by A. K. Babko, M. E. Vdovenko, et al, 9 pp.
RUSSIAN to FRENCH, per, Zaved Lab SSSR, Vol XXIX,
No 6, 1963, pp 645-649.

Reverse Translation
CEA-R-1756

Sci
Sep 64

The Molybdotitanophosphate Complex, by
A. K. Babko, Yu. F. Shkaravskiy, 5 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 9, 1961,
pp 2091-2097.

Cleaver-Hume Press Ltd.

Sci
Oct 62

213,564

Investigation of the Polymerisation of Zirconium
Ions by Dialysis, by A. K. Babko, G. I. Gridchina,
4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI, No 6,
1961, pp 1326-1331.

Cleaver-Hume Press Ltd.

Sci

Jul 62

203,055

Determination of the Composition of Complexes
of Readily Hydrolysable Cations, by
A. K. Babko, A. I. Volkova, 3 pp.

RUSSIAN, per, Zhur Neorgan Knim, Vol VI,
No 5, 1961, pp 1034-1041.

Cleaver-Hume Press Ltd.

Sci

Jul 62

203,070

A Fluorescence Method for Determination of Micro-
amounts of Metals in the Form of Metal-
Thiocyanate (Halide)-Basic Dye Compounds.
Communication 1. Detection of Zinc on the
Basis of the Fluorescence Extinction of
Aqueous Solutions of Rhodamine G, by
A. K. Babko, Z. I. Chalaya, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVI, No 3, 1961,
pp 268-271.

CB

Sci
Jun 62

800,593

Babko, A. K. and Vasilenko, V. T.
 COMPARISON OF REAGENTS FOR THE COLORI-
 METRIC DETERMINATION OF ZIRCONIUM. II.
 OPTIMAL pH AND SPECIFICITY OF REAGENTS
 (Sравneniye Reaktivov dlya Kolorimetricheskogo
 Opredeleniya Tsirkoniya. II. Optimal'noe pH i
 Spetsifichnost' Reaktivov) tr. by J. Hardy, 28 Feb 63
 [17]p. (foreign text included) 2 refs. CSIRO Trans.
 no. 6171.

Order from OTS or SLA \$1.60 63-19144

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR)
 1961, v. 27, no. 3, p. 396-402.

A trans. in French is available from OTS or SLA
 \$1.60 as 62-33729, CEA-tr-R1620, 28 Apr 62 [16]p.

DESCRIPTORS: *Zirconium, *Titanium, *Aluminum,
 *Colorimetry, *Complex compounds, *Reagents,
 Chemical indicators, Hydrogen ion concentration.

(Chemistry--Analytical, TT, v. 10, no. 6) (over)

63-19144

I. Babko, A. K.
 II. Vasilenko, V. T.
 III. Title: Optimal . . .
 IV. CSIRO Trans-6171
 V. Commonwealth Scientific
 and Industrial Research
 Organization (Australia)

1344716

Office of Technical Services

Progress of Analytical Chemistry in 1960, by A. K.
Babko, 22 pp.

A
RUSSIAN, per, Zavod Lab, Vol XXVII, No 7, 1961,
pp 771-794.

ISA

Sci
May 62

194,700

Photometric Determination of Zirconium, by A. K.
Babko, V. T. Vasilenko, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 6, 19 1961,
pp 640-643.

*
ISA

Sci
May 62

194,681

Babko, A. K.
COPPER SALICYLATE COMPLEXES. [1961] 10p.
(5 figs. omitted) 9 refs.
Order from OTS or SLA \$1.10 61-16159

Trans. of [Zhurnal Obshchei Khimii] (USSR) 1947,
v. 17 [no. 3] p. 443-449.

DESCRIPTORS: *Salicylates, *Copper compounds,
*Complex compounds.

(Chemistry--Physical, TT, v. 6, no. 7)

61-16159

I. Babko, A. K.

Office of Technical Services

A Study of Colored Adsorption Compounds of Magnesium
Used in Photometric Analysis, by A. K. Babko, N. V.
Lutokhina, 6 pp.

RUSSIAN, per Zhur Analiticheskoi, Vol XVII, No 4, 1962
pp. 416-421.

CB

340,896

Sci

May 63

The Photometric Determination of Boron in Steel by
Means of Brilliant Green, by A. K. Babko, P. V.
Marchenko, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 11, 1960,
pp 1202-1206.

ISA

Sci

Vol 61

157,704

A Ternary Complex of Iron, Tin, and Dimethylglyoxime
by A. K. Babko, P. B. Mikhel'son, 3 pp.

RUSSIAN per, Zhur Neorg Khim, Vol V, No 10,
1960, pp 2284-2289.

Cleaver-Hume Press

Sci

169,861

Sep 61

Crystalline Salicylate Complexes of Titanium, by
A. K. Babko, A. I. Volkova, T. E. ~~XXXX~~ Get'man, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI, No 2, 1961,
pp 354-359.

Cleaver-Hume Press

Sci

184.819

Feb 62

Equilibria in Solutions of Uranyl Carbonate Complexes
A. K. Babko, V. S. Kodenskaya, . 3 pp-

RUSSIAN per, Zhur Neorg Khim, Vol V, No ¹¹18, 1960,
pp 2568-2574.

Cleaver-Hume Press

170,070

Sci

Sep 61

The Determination of Microquantities of Impurities
in Zirconium Using Basic Dyes, by A. K. Babko, P. V.
Marchenko, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 9, 1959, pp 1047-
1049.

Instru Soc of Amer

Sci
Aug 60

122,328

The Effect of Chloride, Bromide and Sulfate Ions on the
Reduction of Selenious Acid by Sulfurous and Hypo-
phosphorous Acid, by A. K. Babko, T. T. Mityureva,
7 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 9,
1958, pp 2082-2086.

AEC-tr-4457
PL-430

Sci

May 62

PST 379

193,429

Equilibrium in Solution in the Reaction Between
Triply-charged Cations and Doubly-charged Ligands,
by A. K. Babko, L. I. Dubovenko, 2 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI, No 1,
1961, pp 136-139.

Cleaver-Hume Press

Sci

179,031

Dec 61

Development of Analytical Chemistry in the
USSR, by A. K. Babko.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 10, 1957,
pp 1153-1161.

NLL M. 2565

Sci - Chem

174,976

Dec 61

A Study of a Photometric Method of Determining Cerium
as the Peroxide Complex, by A. K. Babko, and O. M.
Eremenko, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 2, 1958
pp 206-210.

Consultants Bureau

Sci. - Chem.
Feb 59

81,325

Oxalate Complexes of Titanium (IV), by A. K. Babko,
L. I. Dubovenko, S D.

RUSSIAN, par, Zhur Neorg Khim, Vol IV, No 2,
1959, pp 372-376.

Elsevier-Home Press Ltd.
London

Sci - Chem
Jan 60

106,599

Chloride Complexes of Pentavalent Molybdenum, by
A. K. Babko, T. E. Get'man, 3 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 3,
1959, pp 585-590.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,550

Oxalate Complexes of Aluminum, by A. K. Babko, L. I. Dubovenko, 20 pp.

RUSSIAN, per, Zhur Georg Khim, Vol II, No 6, 1957, pp 1294-1305.

AEC-tr-4056
PL-480

146,306

Sci

Apr 61

PST No 83

The Relationship Between the Stability of Fluoro
Complexes and the Position of the Central Atom
in the Periodic System, by A. K. Babko, L. O.

RUSSIAN, per, Zhur Georg Khim, Vol. IV, No 7,
1959, pp 1067-1069.

OTS 61-15794
Claver-Rune Press Ltd.
London

Sci-Chem
Ser 60

106,427

The Synthesis of Some Fluoro Metal Complexes,
by G. S. Babko, L. G. Shimadina, 3 p.

Uchenye Zapiski, Khim Akad. Nauk, Vol. IV, No 5,
1957, pp 1051-1053.

Cleaver-Hume Press Ltd
London

Sol - Chem
10/1/57

CEQ TR No R-1401 9093359
166/426

The Use of Extraction in Organic Analysis.
(A Review), by A. K. Babko, F. G. Zharovskiy,
13 pp.

RUSSIAN, per Zavod Lab, Vol XXV, No 1,
1959, pp 42-51.

Instru Soc of Amer

Sci

Apr 60

113,472

Asperometric Determination of Molybdenum and
Tungsten in the Presence of Nickel, by A. K. Babko,
A. L. Volkova, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 2,
1958, pp 135- 136.

Instru Soc of Amer

Sci

Apr 60

113,249

Colorimetric Determination of Sulfate Ions by
the Use of Colored Complexes of Zirconium or
Thorium, by A. K. Babko, L. V. Markova, 4 pp.

RUSSIAN, per, Zavod Lab, XXIV, No 5,
1958, pp 524-527.

Instru Soc of Amer

Sci

Apr 60

113,315

Equilibrium in Reactions of Formation of Thio-
salts of Tin, Antimony, and Arsenic in Solution
by A. K. Babko, G. S. Lisetskaya, 13 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 5,
1956, pp 969-980

AEC-tr-4586

Sci

Apr 63

342,75-9

Determination of Microamounts of Metals as Metal-
Thiocyanate (Halide)-Basic Dye Compounds by a
Luminescent Method, Communication 2. Extraction
Fluorescent Determination of Zinc as the Compound Zinc
Thiocyanate-Rhodamine, by A.K. Babko, Z.I. Chalaya,
5pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVII, No 3, 1962,
pp286-290.

CB

Sci

232,585

Feb 63

Photometric Determination of Titanium in the Form of
a Pyridine-Salicylate Complex, by A. K. Babko, A. I.
Volkova, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 5, 1960,
pp 587-590.

CB

164,104

Sci
Aug 61

Coprecipitation in Quantitative Analysis. Report
V. The Influence of a Complex Ion on the
Precipitation of Zirconium Phosphate, by A. K.
Babko, M. I. Shtokalo, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 6, 1958,
pp 674-676.

Instru Soc of Amer

Sci

Apr 60

113,333

The Development of Analytical Chemistry in 1958, by A.
K. Babko, 21 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 5, 1959,
pp 515-534.

Consultants Bureau
119, 235

Sci-Chem

Jun 60

Coprecipitation in the Quantitative Analysis.
Investigation of the Growth of Barium Sulfate
Crystals, by A. K. Babko, M. I. Shtokalo, 4 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 7, 1959,
pp 779-782.

ISA

Sci

Aug 61

162,458

A Metal-Indicator Method for Determining the
Stability of Complexes, by A. K. Busko, 3 p.

RUSSIAN, per, Zhur Georg Khim, Vol IV, No 5,
1958, pp 1088-1089.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,425

Use of Coprecipitation in Order to Obtain Analytical
Concentrates of Cd, Pb, Bi and Zn in the Analysis of
Alloys, by A. K. Babko, P. V. Marchenko.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 11, 1957,
pp 1278-1283.

R.221.5 Soviet Metal Tech
Vol I, No 1, p 55

*ATIC MCL-550/III

Sci - Min/Met
Aug 60

124,035
Info taken from LLU Tr Bul
Jun 60

Study of Cerium Oxalate, by A. K. Babko, L. I.
Dubovenko, 13 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 4, 1957,
pp 808-815.

AEC-tr-4054
FL-480

146,336

Sci

Apr 61

PST No 81

Sulfur Method for Determining Oxygen (Oxides) in Metals. Part L, The Determination of Oxygen in the Oxides of Iron, Manganese, Cobalt, Nickel, Arsenic, Lead, Cadmium, Antimony, and Copper, by A. K. Babko, K. E. Kleyner, L. V. Markova, 10 pp.

RUSSIAN, no per, Zavodskaya Laboratoriya, Vol XXII, No 6, Moscow, Jun 1956, pp 640-645.

US JPRS/DC-L-1012

Sci - Chemistry

17 Nov 58

76,885

M. V. Shchigol and N. B. Burchinskaya's Article
on the "Quantitative Determination of Trivalent
Iron by Means of Tetraborate," by A. K. Babko,
1 p.

RUSSIAN, bimo per, Zhur Anal Khim, Vol VIII,
No 2, Mar/Apr 1953, p 127.

Consultants Bureau

Scientific - Chemistry

CTS/DEK

17,702

B-21 (ST-256)

(DC-1594)

Sulfur Method for Determinating Oxygen (Oxides). Part II,
Determination of Microamounts of Oxygen in Copper,
Nickel, Chromium and Molybdenum by A. K. Babko, A. I.
Volkova, O. F. Drako, 8 pp. UNCLASSIFIED.

RUSSIAN, no per, Zavodskaya Laboratoriya, Vol XXIII,
No 2, Moscow, Feb 1957, pp 136-140.

US JERS/DC-L-617

Sci-

69.565-

Nature of the Soluble Complex Formed During the Reaction
Between Nickel, Dimethylglyoxine and an Oxidizing Agent,
by A. K. Babko, 5 pp.

RUSSIAN, per Zhur Neorgan Khim, Vol I, No 3, 1956,
pp. 485-488.

AEC-Tr-4584

Sci

341, 022

Apr 63

(FDD 29219)

Employment of Extraction in Chemical Analysis
~~RUSSIAN~~ (USSR) by A. K. Babko, 6 pp.

RUSSIAN, no per, Zavod Lab, Vol XVI, No 5, 1950,
Moscow, May 1950, pp 527-536.

CIA/FDD U-9025

41,030

USSR

Sci - Chemistry

RMJ Oct 56

The Solubility of Precipitates in the Presence of
Common Ions and Other Ions, by A. K. Babko, 12 pp.

Full translation.

RUSSIAN, per, Zhar Anal Khim, Vol VII, No 1, 1952,
pp 3-13.

Consultants Bureau
1953

Scientific - Chemistry

CTS/DEX

4531

Scientific Reports of Kharkov State University,
Vol. 37. Proceedings of the Scientific Research
Institute of Chemistry, Kharkov, Reviewed by
A.K. Babko, 3 pp.

Full translation.

RUSSIAN, bimo per, Zhur Anal Khim, Vol VII, No 4,
1952, pp 255.

Consultants Bureau

Scientific - Chemistry

Jan 5¹⁴ CTS/DEX

8614

Use of Diphenyl-Thio Carbazone (Dithizon) In Analysis.
I. Acid Properties of Dithizon, by A. K. Babko,
14 pp. UNCLASSIFIED

RUSSIAN, no per, Zhur Anal Khim, Vol I, Nos 5/6, 1946.

NIH

Scientific - Chemistry
Dex Only

15,052

Barium Rhodizonate Complexes in Their Use for the
Photometric Determination of Sulfate, by A. K. Babko,
V. A. Litvinenko, 7 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII, No 2, 1963,
pp 237-244.

CB

Sci
Feb 64

249,186

A Spectrometric Study of Reagents for Indium
Determination

By A. K. Babko, P. P. Kish (p. 7)

RUSSIAN, per, Zhur Anal Khim, Vol XVII, No 6,
1962, pp. 693-699

CB

Sci

Aug 63

343,081
~~22~~

Metal-thiocyanate Complexes, by A. K. Babko,

RUSSIAN, ^{paper} ~~paper~~, Uspekhi Khim, Vol XXV, No 7,
1956, pp 872-893.

Tech and Comm Tr
~~\$21~~ \$204.00

42, 013-

Sci - Chemistry
CIS/dex Jan 1957

Photometric Determination of Tungsten and Molybdenum
as Their Thiocyanate Complexes, by A. K. Babko and
O. F. Drako, 8 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XII, No 3, 1957,
pp 342-348.

Consultants Bur

DCI - Chem

May 1958

64, 882

Oxalate Complexes of Iron (III). II. Instability
Constant and Equilibrium Diagram, by A. K. Babko,
L. I. Dubovenko, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 4,
Apr 1956, pp 996-1002.

Consultants Bureau

Sci - Chemistry
Feb 1957 CIB/dax

43,644

A Volumetric Method for the Determination of Cobalt
with Dimethylglyoxime, by A. K. Babko, M. V. Korotun,
6 pp.

Full translation.

RUSSIAN. bimo per, Zhur Anal Khim SSSR, Vol X, No 2,
Mar/Apr 1955, pp 100-106. CIA D 151340

Consultants Bureau

Scientific - Chemistry

24,495

Jun 55

Complex Formation Reaction Between Divalent Cobalt
and Dimethylglyoxime, by A. K. Babko, M. V. Korotun,
6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 4,
1954, pp 597-605. CIA D 151347

Consultants Bureau

Scientific - Chemistry

25 382

The Effect of Solvents Upon the Dissociation of a
Cobalt-Thiocyanogen Coordination Compound,
by A. K. Babko, O. F. Drako, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XX, No 2, Feb
1950, pp 237-243.

Consultants Bureau

Scientific - Chemistry

14,512

Equilibrium in Reactions of Formation of Thiosalts
of Tin, Antimony, and Arsenic in Solution, by
A.K. Babko, G.S. Lisetskaya, 13 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol 1, No 5, 1956,
pp 969-980.

ABC-Tr-4586

Sci.

340,932

Apr 63

The Effect of Solvent Mixture Composition on the
Separation of Certain Rare Earth Elements by Paper
Chromatography

By A. K. Babko and M. E. Vdovenko pp. 5

RUSSIAN, per, Zhur Anal Khim, Vol XVII, No 7,
1962, pp. 820 - 824

CB

Sci

344,654

Aug 63

Study of the Reaction of Chromate with
Diphenylcarbazide, by A. K. Babko, T. E. Get'man,
4 pp.

RUSSIAN, per, Zhur Obsheh Khim, Vol XXIX, No 7,
1959, pp 2416-2420.

CB

Ecl

Sep 60

126,636

A Study of the Pyrocatechinates Complexes of
Titanium, by A. K. Babko, O. I. Popova, 15 pp.

RUSSIAN, per, Zhur Georg Khim, Vol II, No 1,
1957, pp 157-158.

ABC Tr-4051
PL-480

Sci - Chem
Feb 61
PST-78

138,301

Methods for Obtaining Analytical Concentrates
of Uranium, by A. K. Babko, V. N. Danilova, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XVIII, No 9,
1963, pp 1036-1041.

CB

Sci-
Aug 64

263,940

The Development of Analytical Chemistry in 1962
(Review) BY A. K. Babko, 18 pp.
RUSSIAN, per, ~~C~~Zavod Lab, Vol XXIX, No 8, 1963,
pp 901-919.

ISA

Sci
Mar 64

252,642

Oxalate Complexes of Iron (III), by A. K. Babko
and L. I. Dubovenko, 8 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol. XXVI, No 3,
1956, p 660-667.

Consultants Bureau

Sci - Chemistry
Jan 57 CBS

42,489

Copper Complexes With Dimethylglyoxime, by
A. K. Babko, M. V. Korotun, 10 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 8, 1953, pp 1302-1312. CIA D 182360

Consultants Bureau

Scientific - Chemistry Dec 54 GDS/DMX

20,130

A Study on the Complexes of Titanium With
Chromotropic Acid and 1,8-Dihydroxynaphthalene,
by A. K. Babko, O. I. Popova, 15 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 1,
1957, pp 138-146.

AEC Tr-4051
PL-480

Sci - Chem
Feb 61
PST-78

138,300

The Use of Colored Reagents in Colorimetry, by
A. K. Babko, T. N. Nesterchuk, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol IX, No 2,
1954, pp 96-100.

20,284 Consultants Bureau

Scientific - Chemistry Dec 1954 OCS

Ternary Complexes in the System Copper Ions -
Pyridine - Salicylate. II. Relation of the
Composition of the Complexes to the pH of the
Solution, by A. K. Babko, M. M. Tananaiko, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 9,
USSR, Sep 1953, pp 1459-1463. CIA D 151000

Consultants Bureau

Scientific - Chemistry

CTS 64/Jan 55

20,918

A Study of Phosphomolybdic and Silicomolybdic
Complexes in Solution, by A. K. Babko,
S. S. Shanovskaya, 10 pp. ~~UNCLASSIFIED~~

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 3,
Mar 1953, pp 380-391.

Consultants Bureau

Scientific - Chemistry

13,220

Research on the Colored Coordination Compounds of
Vanadium and Hydrogen Peroxide, by A.K. Babko and
A.I. Volkova, 7 pp.

RUSSEAN, no per, Zhur Obshch Khim, Vol XXII, No 7,
Jul 1952, pp 1108-1115.

SSK Consultants Bureau

USSR
Scientific - Chemistry

Feb 54 CTS

9691

Developments in Analytical Chemistry in 1959, by
A. K. Babko, 25 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 6, 1960,
pp 679-702.

ISA

Sci -
Apr 61

148, 176