

Influence of Solvent Viscosity on the Fluorescence
Spectra of Certain Organic Compounds,
by A. S. Cherkasov, G. I. Dragmeva, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol X, No 4, 1961
pp 466-472.

OSA

164,203

Sci

Aug 61

The Effect of Conjugation Between an Anthracene Ring and A Double Bond in an Alkene Substituent on the Fluorescence and Absorption Spectra, by A. S. Cherkasov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4, 1959, pp 848-852.

Consultants Bureau

Sci

Apr 60

114,968

Absorption and Fluorescence Spectra and the
Fluorescence Quantum Yield of Certain Methyl-
and Methylmesoaryl Anthracenes, by A. S. Cherkasov
4 pp.

RUSSIAN, per, Optika i Spektro, Vol VII, No 3,
1959, pp 326-331.

OSA

Sci

149,478

Apr 61

On the Influence of p-Toluidine on the Quantum
Yields of Photo-Oxidation and Photo-Dimerization
of Some Anthracene Derivatives, by A. S.
Cherkasov, T. M. Vamber, 4 pp.

RUSSIAN, per, Optika i Spektro, Vol VII, No 3,
1959, pp 321-325.

OBA

Sci

149,479

Apr 61

Intermolecular Interactions Revealed Through
Fluorescence Spectra of Acetylanthracenes
Dissolved in Mixed Solvents, by A. S. Cherkasov,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 6,
1960, pp 1288-1290.

CB

Sci

Apr 61

149,761

Duration of Fluorescence in Mesoderivatives of Anthracene, by A. S. Cherkasov, V. A. Molchanov, T.M. Vember, K. G. Voldaykina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CIX, No 4, Jul-Aug 1956, pp 292-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 4

51, 669

Sci - Phys
Aug 57

Reactions With Radsikarowski $AlCl_3$. Condensations
Benzene With Aliphatic Monohalogen Derivatives, B.
Dolgov, N. I. Sorokina, A. S. Chermasov.

The Journal of General Chemistry of the USSR, Vol. XX.
No 3, Mar 1951, pp 563 - 570 (Russ p 509).

Consultants Bureau
New York

USSR

Influence of Some Fluorescence Quenchers on the
Quantum Efficiency of Photochemical Conversion
of 9-Methylanthracene and 9-Methyl-10-Methoxy-
methylanthracene, by T. M. Vamber, A. S. Charkasov,
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,
No 5, 1960, pp 577-581.

CTT

Sci
Jul 61

159,626

Influence of the Solvent on the Fluorescence Spectra of Acetylanthracenes, by A. S. Cherkasov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV, No 5, 1960, pp 591-596.

CTT

Sci
Jul 61

159,629

Absorption and Fluorescence Spectra and the
Quantum Efficiency of Florescence of Certain
Meso-Derivatives of Anthracene, by A. S.
Cherkasov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX, No 4, Apr 1956, pp 478-481.

Columbia Tech

Sci - Physics
M May 57

48,182

34
Changes Wrought by the Yemeni Revolution of 1962,
by B. Charkarov, 6 pp.
RUSKIAN, par, Moscow, No 7, 1964, pp 4-6.
JPRS 24117

Sci - Agri
Sep 64

210,090

Characteristic Radius and its Use When Selecting the
Parameters of a ~~KNXXXXXX~~ Supersonic Gas Turbine, by
B. A. Cherkasov.

RUSSIAN, per, Iz Vyssh Ucheb Zaved. Aviat Tekh,
No 4, 1959, pp 108-119.

FTD=TT-61-541

Sci-Aero
Jan 63

218,716

The Control of Gas Turbine and Ram Jet
Engines, by L. A. Zalmanzon, B. A. Cherkasov,
41 pp.

RUSSIAN, bk, Regulirovaniye Gazoturbinnnykh i
Pryamotokhnnykh Vozdushno-Reaktivnykh Dvigatelye,
1956, pp 276-279; 279-287; 297-301; 335-339.
9670065

ATIC MCL-501/1

Sci - Engr

161,349

Jul 61

NASA TT F-41

National Aeronautics and Space Administration.

CONTROL OF GAS-TURBINE AND RAMJET

ENGINES. L. A. Zalmanzon and B. A. Cherkasov.

(Translation of publication by the Government Defense Industry Press (Moscow), 1956.) July 1961.

ii. 257p. OTS price, \$4.00.

(NASA TECHNICAL TRANSLATION F-41)

Attention is concentrated on describing the physical bases of the processes of engine control and an exposition of the methods of experimental study and design of control apparatus. A series of examples bring out the close connection between the operation of the elements in the control loop and the fuel supply system of the engines. The characteristics of the several elements of the fuel apparatus are given. The book is written as a textbook for students in aviation institutes, but may also be useful for workers specializing in the field of aviation engines.

Copies obtainable from NASA, Washington

I. Zalmanzon, L. A.

II. Cherkasov, B. A.

III. NASA TT F-41

(Initial NASA distribution:

37, Propulsion system

elements; 38, Propulsion

systems, air-jet.)

NASA

Secondary Losses and Their Influence on the
Characteristics of a Turbine Stage, by B. A.
Cherkasov. UNCL

RUSSIAN, per, Trudy Mosk Aviats In-ta, Vol LXVIII,
1956, pp 42-60.

DSIR 44. M.1389
TIL T 4959
OTS 61-13006

Sci - Aero; Engr
Jan 60

105,771

Cherkasov, I. D.
INVERSION OF INTEGRO-DIFFERENTIAL OPERA-
TORS USING THE GREEN'S FUNCTION. [1960] 16p.
12 refs.

Order from MDF \$8.50

MDF C-124

Trans. of Izvestiya V[ysshikh] U[chebnykh]
Z[avedeniy]. Matematika (USSR) 1960, no. 2(15)
p. 223-235.

61-12544

1. Operators(Mathematics)--
Theory
2. Title: Green functions
1. Cherkasov, I. D.
- II. MDF C-124
- III. Friedman, Morris D.,
Inc., West Newton, Mass.

784650

Office of Technical Services

(Mathematics - I. D. Cherkasov)

Soil-Density Meter-Penetrator of the
Automatic Lunar Station Luna-13, by
I. I. Cherkasov, V. V. Gromov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 179,
No 4, 1968, pp 829-831.
The Am Inst Phys
Vol 13, No 4, Oct 1968

I.I. CHERKASOV

Sci/Phys
11-68

111
Panoramas of the Lunar Surface Obtained
From Luna-13 Tests of the Lunar Uppermost
Layer at the Landing Site, by I. I. Cherkasov,
A. L. Kermurdahian.
RUSSIAN, rpt. P910326467-V
Sci Tech Info Facility
ST-LPS-LSL-10640

Sci-Space Tech
Oct 67

342,558

Shear Deformations of Brittle Porous Materials
by I. I. Cherkasov and Kh. Ibragimov
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 178, No 6,
Feb 1968, pp 1298-1300.
The Am Inst Phys.
Vol 13, No 2, August 1968

I.I. CHERKASOV

Sci-Physics
Oct 68

366,096

On the Relationship Between Poisson's Ratio and
the Plastic Properties of a Material, by I. I.
Cherkasov, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol II, 1952, pp
1834-1837.

AEC Tr IGRL-T/C-83

Sci - Phys

Sep 58

73, 721

SELECTIONS POLITICAL AND ECONOMIC FROM THE
JOURNAL

The Struggle of the Communist Party of the United States
Against Contemporary Revisionism, by I. I. Charkasov,
2pp

RUSSIAN, no par, Voprosy Istorii, No 10, Moscow, Sep 58,
pp 61-73.

JPRS/DC-421
CSO DC-1645/1A

79,752

USSR
Fol
Jan 59

Heat Checking of ~~Heat~~ Ingot Molds, by N. I.
Pavlovtsava, L. M. Cherkasov.

RUSSIAN, per, Stal, Vol XVII, No 9, 1957, pp 800-
804.

Brutcher Tr 4062
\$9.80

Sci - Physics
Mar 58

60,372

50,000,000 Kilowatts, The Projected Itatsk
Fuel'Power Complex, by M. Cherkasov and
P. Borozdin.

RUSSIAN, per, Ekonomicheskaya Gazeta, 1964,
No 25, pp 14.

ILL R 0197.92

(On Loan)

HMSO

m. Ch e r K a s o v

Aug 65

286,465

PLANNING MAJOR ECONOMIC REGIONS, BY N. CHERKASOV,
20 PP.

RUSSIAN, PER, ARKHITECTURA SSSR, NO 5, 1963, PP 30-36.

JPRS 20390

USSR
ECON

01 AUG 63

237,500

(LY-3000/52)

To Construct the Lipetsk Metallurgical Com-
bine Ahead of Schedule, by M. Cherkinsov,
4 pp.

RUSSIAN, ~~1961~~ pp, Ekonomicheskaya Gazeta,
2 Sep 1960.

JPRS 9411

USSR
Econ
Jul. 61

159,760

ECONOMIC PLANNING LITERATURE GILAST, BY N. CHERUSOV,
6 PP.

RUSSIAN, NP, ECON GAZETA, NO 30, 27 JUL 1968, P 17.

JPRS 21368

USSR
ECON
OCT 68

945,790

(NY-3000/52).

To Construct the Lipetsk Metallurgical Combine Ahead
of Schedule, by M. Cherkasov,

RUSSIAN, np, Ekonomicheskaya Gazeta, 2 Sep 1960, p 2.

*JPRS

USSR

Econ - Technological, Ferrous Metals

5 May 61

The Employment of Normal and Differential Polarography for the Analysis of Coke - Chemical Products,
by A. G. Pozdeyeva, N. Kh. Cherkasov, F. L. Kruglova,
6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 9,
1959, pp 1973-1978.

CB

Sci

Aug 60

124,257

A Study of the Process of Separating Solids
From Tar When Steam Injection Is Used, by
I. L. Liplavk, T. P. Varshavskiy, N. Kh. Cherkasov,
14 pp.

RUSSIAN, no per, Koks i Khimiya, No 6, Jun 1956,
pp 37-42.

CIA/RDD X-2381

Sci - Chemistry
Apr 1957 CTS/gaz

47,068

50,000,000 Kilowatts, The Projected Itatsk
Fuel Power Complex, by M. Cherkasov and
P. Borozdin.
RUSSIAN, per, Ekonomicheskaya Gazeta, 1964,
No 25, pp 14.
MIL R 0197.92 (On Loan)

Aug 65

286,465

Effect of Manganese on the Solubility of
Oxygen in Nickel and Iron-Nickel Melts,
by P. A. Cherkasov.

RUSSIAN, per, Trudy Inst Met imeni Baykova AN
SSSR, 1961, pp 33-40.

ILL M 3947

Sci - M/M
Feb 63

22 3 591

NCH-200 542

Field 11F

Cherkasov, E. A.; Avertin, V. V.; Samarin, A. M.
DEOXIDATION OF Fe-Ni MELTS BY MEANS OF
Mn and Si. Jan 65, 28p (foreign text included) 12 refs.
NLL-M.5638.
Order from NLL as M.5636

Trans. of Akademiya Nauk SSSR. Institut Metallurgii.
Trudy, n6 p209-18 1961.

I. International Nickel Co.,
(Mond) Ltd.,
London (England)

Work of the Research Institutes of the
Department of Building in Heavy Industry During
the Last Five-Year Plan, by P. K. Cherkasov. UNCL

RUSSIAN, per, Stroitel Prom, Vol XXIX, No 1, 1951,
pp 12-14.

DSIR LIU (loan) N.263

Sh. 57-1315

UGSM

Econ

May 59

87,800

Double Aryldiazonium Chlorides of Columbium and
Tantalum,

by V. M. Cherkasov, I. F. Vladimirtsev, 4 pp.

RUSSIAN, par, Zhur Obshch Khim, Vol XXX, No 7, 1960,
pp 2235-2237.

568
CB 166, 306

Sci

Aug 61

Some Aryl Derivatives of Cyanothiourea, by V. L.
Nirenburg, I. Ya. Postovskiy, V. M. Cherkasov,
6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 1,
1958, pp 198-203.

Consultants Bureau

Sci - Chem
Apr 59

84,208

New Oxidation-Reduction Indicators. III. p-
and m-N-Phenylaminobenzoic Acids, by V. M.
Charkasov, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 1, 1953, pp 121-124. *CIA D 182354*

Consultants Bureau

Scientific - Chemistry CTS/DEX

18,022

New Redox Indicators. IV. Diphenylamino-4-sulfo-2-carboxylic Acid, by V. M. Cherkasov,
3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 2, 1953, pp 197-199.

Consultants Bureau

100-7-36

Scientific - Chemistry CTS/DEK

18,040

Experimental Method Determining the Equivalent
Coefficient of Thermal Conductivity of Transformer
Windings, by V. N. Cherkasov, 11 pp.

RUSSIAN, by per, Iz Vyschikh Ucheb Zaved, MVISSO
SSSR po Maselam Priborostryeniye, Vol VI, No 5, 1963,
pp 126-135.

JPRS 23033

Sci

Feb 64

249,077

The Scientific-Technical Conference of the Higher Educational Institutions on Thermal Conditions of Radioelectronic Units (Parts and Equipment), 9 pp, by V.N. Cherkasov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Priborostroyeniye, Vol VI, No 4, 1963.

JPRS 24617

Sci

May 64

359,377

Heat Calculation Method for Low-Power Transformers,
by V.N. Cherkasov, 13 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,
Priborostroyeniye, Vol VI, No 4, 1963.

JPRS 24617

Sci

May 64

359,378

THE THEORY OF THERMAL CONDITIONS OF LOW POWER TRANSFORMERS
by V. N. Cherkasov, 15 pp.

RUSSIAN, per, Iz Vysishikh Ucheb Zaved Priborostroyeniya,
Vol VI, No 3, 1963, pp 124-133.

JPRS 22864

Sci
Jan 64

246,698

14-5
Organophosphorus Cholinesterase Inhibitors in
Veterinary Medicine, by R. Chary.
FRANCE, par, Economie et Medecine Animales,
No 4, 1963, pp 238-257.
REC-69-12894-000

R. Chary

Sci-Agr
Sept 69

391,102

On the Problem of the Excitation of Standing Waves
by a Wave Generator in a Channel of Finite Length,
by V. S. Cherkasov, 6 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXIV,
No 3, 1960, pp 551-553.

PP

Sci

Jun 61

157, 201

Chinese Scholars in the USSR, by Ye. P. Cherkasov.

RUSSIAN, per, Vest Ak Nauk SSSR, No 9, 1961, p 93.

Current Digest of Soviet Press
Vol XIII, No 25, pp 23-24

USSR

Asia - China

Soc

Jun 62

199,554

Double Photoconductive Layers With a Long
Dark Decay Period for Surface Charge, by
I. A. Likhachev, Yu. A. Cherkasov, 12 pp.

RUSSIAN, per, Zhur Nach i Pri Foto i Kino,
Vol VIII, No 6, 1963, pp 449-454.

CIA/TED XL-1538
NO FOREIGN DISSEM

Sci - Phys
May 64
UKIB Internal Use Only

258,044

Electrophotographic Method of Recording Spectra,
by S. G. Grenishin, Yu. A. Cherkasov.

RUSSIAN, per, Zavod Lab, Vol ~~XXVIII~~ XXIX,
No 3, 1963, pp 175-177.

HB 5888

Sci-M/M
Apr 63

229,367

Selenium-Tellurium Electrophotographic Layers, by
S. G. Grenishin, Yu. A. Cherkasov, 19 pp.

RUSSIAN, per, Zhur Nauch i Prikl Fotograf i Kinesmatog,
Vol VII (2), 1962, pp 121-127.

CIA/FID XI-1243
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

211,429

Aug 62

USIS INTERNAL USE ONLY

Spectral Sensitivity of Electrophotographic Layers, by
S. G. Grenishin, Yu. A. Cherkasov, 8 pp.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i Kinematog,
Vol V, No 6, 1960, pp 433-438.

CIA/PDD XX-1025

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Phys

Jul 61.

USIE INTERNAL USE ONLY

161,012

Characteristics of Formation of the Latent
Image in Electro-Photographic Layers from
Zinc Oxide with Paper Support,

by Yu. A. Cherkasov.

RUSSIAN, per, Zhur Nauch i Priklad Foto i
Kinematograf, Vol IX, No 4, 1964,

pp 298-300.

CIA/FDD IX-1784

Mr. Spencer
SLA 77-65-11175

Sci - Elec

May 66

USIB Internal Use Only

300,532

Effect of the Parameters of Electrophotographic
Layers on the Optical Density of the Developed
Image, by Yu. A. Cherkasov.

RUSSIAN, per. Zh. nauch. prikl. Fotogr. Kinem.
Vol. 8, No. 3, 1963, pp 314-315
GB 131/T4891

Yu A. CHERKASOV

Sci -
Aug 67

337-204

Syntheses of Curare Alkaloids. Synthesis of 2,3-
-Dimethoxy-5-Cyanomethyl-4'-Carboxydiphenyl Ether,
by O. N. Tolkachev, A. A. Cherkasova, H. A.
Preobrazhenskiy, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, pp 1627-1630.

Consultants Bureau

Sci

Jul 60

120,470

{Urovskaya (Kaschin-Bach)} Disease of
Agricultural Animals and Fowl, by K. P.
Chepurov, A. V. Cherkasova, UNCLASSIFIED

RUSSIAN, par, Veterinariya, Vol XXXI, No 7,
1954, pp 38-42.

20,158

UNDA

Scientific - Medicine Dec 54 CTS

Preparation of 8-(Trichloromethyl)-theobromine
and Theobromine, by E. S. Golovchinskaya, V. M.
Fedosova, A. A. Cherkasova, 4 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXI, No 8,
1958, pp-1241-1244.

Consultants Bureau

Sci - Chem

Aug 59

94,675

Synthesis of Cyclohexyl- β -Dimethylaminoethylcarbinols
and Their Esters, by E. M. Cherkasova,
G. S. Erkomaishvili, 5 pp. ———

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 6,
1961, pp 1832-1837.

CB

Sci

Jun 62

201,374

Synthetic Anesthetics, Communication 30. Synthesis and Study of p-Methoxy- and p-Chloro- α -(2-Dimethylaminoethyl) Benzyl Alcohols and their Esters, by I. N. Nazarov, E. M. Cherkasova, 7 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1960, pp 251-258

CB

Sci
Apr 61

145,379

Synthesis of Isomeric 2, 3-Dimethyl-4-Carbomethoxyethyl-
pyrrolines

by A. A. Cherkasova and R. P. Evstigneyeva pp. 5

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11,
1962, pp. 3544 - 3548

CB

ci

344,698

Aug 63

Synthesis of Derivatives of Isoxanthine. II.
Some Amino-Acid Derivatives of Methylated Xan-
thine and Isoxanthine, by E. S. Chaman, A. A.
Cherkasova, E. S. Golovchinskaya, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,
1960, pp 1878-1884.

CB

Sci
Aug 61

162,588

The Effect of Several Factors on the
Formation of the Jet in Viscous Extrusion,
by A. T. Serkov, E. C. Cherkasova. 15 p.
RUSSIAN, per, Khimicheskoe Volokno, No 3,
1964, pp 32-37.
SMA TT-66-10562

E. C. Cherkasova

SRI-MMM
Jul 66

306,041

Chemistry of Amino Ketones. Structure of β -Amino Ketones and Their Conversions During Hydrogenation, by E. M. Cherkasova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 9, 1960, pp 2846-2849.

CB

170,688

Sci

Sep 61

Synthetic Anesthetics. II. Esters of 1-Alkyl-1-Phenyl-3-(N-Piperidyl)-Propan-1-ols, by I. N. Menzov, E. M. Cherkasova, 79 pp.

Full tr

KHIMIZM, no par, Khim Obshch Khim, Vol XIV, No 10, 1955, pp 1935-1942. CIA 942765-C, reel 3.

37,470 Consultants Bureau

Scientific - Chemistry
Aug 56 CTS

Synthesis of Some 1-Alkyl-1-phenyl-2-Diethylaminoethanois-1 and Their Esters,
by E. M. Cherkasova, S. V. Bogatkov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI,
No 3, 1961, pp 810-811.

4

CB

Sci

May 62

195,309

Synthetic Analgesics. III. Esters of 1-Phenyl-1-Alkyl-2-Methyl-3-Dialkylaminopropan-1-ols, by I. I. Nazarov, E. M. Gharlasova, 8 pp.

Full tr

RUSSIAN, no per, Khim Oshch Khim, Vol XIV, No 11, 1955, pp 2121-2126. CIA 542766-C, reel 3.

Consultants Bureau

Scientific - Chemistry
Aug 56 CTS

37,610

Gehlenite and Its Part in the Hardening of High-Alumina Cement, by P. P. ~~Smolin~~ Budnikov, A. F. Cherkasova, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol X CII, No 4, 1955, pp 793-795.

Sci Mus Lib No 56/3144

Sci - Chemistry

44, 026

Synthetic Analgesics. XLIV. Esters of 1-Phenyl-2,
2-dimethyl-3-bisalkylamino-propen-1-ol, I. N.
Bannarov, E. N. Cherkasova and Chan Chen Kiven,
8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 2, 1958, pp 452-459.

Consultants Bureau

Sci - Chem

Apr 59

85,682

Synthetic Anesthetics. XXII. Phenoxycetates of 1-Phenyl-2-Methyl-3-Dialkylaminopropan-1-ols, by I. N. Kuzarov, E. N. Cherkasova, Ch'ang Ch'ung, 7 pp.

(Kuang)

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 1, 1958, pp 126-132.

Consultants Bureau

Sci - Chem
Apr 59

84,193

Synthetic Anesthetics. Communication 29. Esters of
 α -Alkyl- α -(Dialkylaminomethyl)-Benzyl Alcohols, by
I. N. Ilyarov, E. M. Cherkasova, G. S. Erkomaishvili,
6 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9,
1959, pp 1605-1611.

CB

Sci -
May 61

152,801

Synthetic Anesthetics. XXII. Phenoxyacetates of
1-Phenyl-3-Dimethylaminopropan-1-ols, by
I. N. Nazarov, E. M. Cherkasova, 8 pp 5.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 1,
1958, pp 122-125.

Consultants Bureau

Sci - Chem
Apr 59

84, 192

Heterocyclic Compounds. XXXIII. Synthesis of
1-Alkyl-2,5-dimethyl-4-piperidones, by I. N.
Nazarov, E. M. Cherkasova, N. S. Prostakov,
N. I. Shvetsov, 10 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV,
No 12, 1955, pp 2245-2254. CIA 542770-C,
reel 4.

37,778

Consultants Bureau

Sci - Chemistry

Aug 56

CHEPKASOVA, E. M., and MELNIKOV, N. N., Lab of
Org Chem, Moscow Inst of Fine Chemical Technology

Researches in the Field of the Aliphatic Nitroso
Compounds. VI.. Preparing Halogen Nitroparaffins from
the Oximes of Aldehydes and Ketones

Zhur Obshch Khim, Vol XIX, No 2, 1949 (Feb), pp 281-
283

Consultants Bureau Translation

Magnetohydrodynamic Description of a Plasma, by
R. V. Polovin, K. P. Cherkasova, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXII, No 6,
1962, pp 649-656.

AIP
Sov Phys - Tech Phys
Vol VII, No 6

Sci
Jun 63

233,913

Production of "Distilled Naphthalene" for the
Manufacture of Phthalic Anhydride, by V. E.
Privalov, M. M. Potashnikov, L. M. Chorkasova,
H. Kh. Cherkasov, 7 pp.

RUSSIAN, per, Koks i Khim, No 7, 1960, pp 50-55.

Coal Tar Res Assoc

Sci -
Jan 61

135,328

Unsymmetrical Organic α -Oxides. XI. Isobutyl
Glycidyl Ether and Its Transformations, by
F. G. Ponomarev, L. N. Cherkasova, R. M. Cherny-
sheva, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 9,
Sep 1955, pp 1753-1756. CIA C 42158.

Consultants Bureau

35, # 71

Sci - Chemistry

Jun 1956/Dex

The Effect of Ionization on Protein Metabolism in
the Chemical Nervous System and Liver, by
L. S. Cherkasova, K. V. Fomicheva. 14 pp.
CZECH, mono, Proceedings of Symposium on Biological
Effects of Ionizing Radiation at the Molecular
Level, Brno, 2-6 Jul 1962, pp 281-283.
SIA AEC-tr-6000

L. S. Cherkasova

Sci/B&M
Jul 66

305,966

Changes in the Carbohydrate and Energy
Metabolism of the Central Nervous System
Induced by Irradiation With X-Rays or With
Gamma-Rays From a Co⁶⁰ Source, by L. S.
Cherkasova, 12 pp.

RUSSIAN, per, Radiobiologiya, Vol I, No 6,
1961, pp 919-925. 9202283

AEC-Tr-5427

Sc1
Jun 63

232,886

(NY-3108).

Work on a Norwegian-Russian Algorithm of Machine
Translation, by V. P. Berkov, M. P. Cherkazova,
11 pp.

RUSSIAN, bk, Materialy po Mashinomu Perevodu,
Vol I, Leningrad, 1958, pp 98-111.

JPRS-2150-N

Sci - Misc
Feb 60

107,879

The Effect of Cyancobalamine on the Regeneration of Bone
After Operative Extension of a Limb in Man, by V. D.
Dedova, T. I. Cherkasova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,
pp 1467-1470.

AIBS

Sci

May 62

198,027

The Importance of Vitamin B₁₂ in the Restoration of
Function in the Human Arm After Section of the
Peripheral Nerves, by N. M. Pryorov, S. V. Andreyev,
T. I. Cherkasova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXII, No 2,
1958, pp 312-315.

Amer Inst of Biol Sci

Sci - Med

96,150

Investigations on Polymethylene Rings. XIII.
Transformations of Cyclohexene in Conjugated
Halogenations and Dehalogenations, by N. A.
Leshin, V. A. Cherkasova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 9,
1958, pp 2334-2338.

CB

Sci - Chem
Oct 59

100,071

Research on Unsaturated Cyclic Hydrocarbons and Their
Halogen Derivogenation Reactions, by N. A. Doman,
V. A. Cherkasova, S. N. Andreev, 6 pp.

Full translation.

RUSSIAN, per, Zhur Obsh Khim, Vol XXI, No 10, Oct 1951,
pp 1818-1822.

Consultants Bureau, ~~1952~~

Oct 1951

USSR

Scientific - Chemistry

2-2-1

Investigations in the Field of Polymethylene
Rings. XXI. Reaction of Diacetyl and Dibenzoyl
with Dimethylhydrazine, * by N. A. Damin, V. I.
Diurnbaum, V. A. Cherkasova, 8 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII,
No 6, 1958, pp 1469-1476.

Consultants Bureau

Sci - Chem
Sep 59

95, 760

Studies in the Field of Polymethylene Rings.
XXKI. The Reaction of 1-Chloro-1,2-dibromo-
cyclohexane with Quinoline, by N. A. Demnin,
V. A. Cherkasova, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2064-2067.

CB

Sci - Chem
Oct 59

99,062

Reactions of Amines With Halogen Compounds. I.
Reaction of 1,2-Dibromocyclohexane With Aniline,
Methylaniline and Ethylaniline, by V. A. Cherkasova,
E. V. Mekhorosheva, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 3, 1960,
pp 820-825.

CB

Sci -
Arp 61

147,564

Investigations in the Field of Polymethylene Ring Systems. XXIX. The Reactions and Reaction Products of Cyclic, Aliphatic and Aliphatic-Aromatic 1,3-Diketones With Hydrazine and Substituted Hydrazines, by N. A. Doman; Van Syul-Run, V. A. Cherkasova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 9, 1957, pp 2415-2417.

Consultants Bureau

Sci - Chem
Oct 58

75, 146

Unsaturated Cyclic Hydrocarbons and Their
Derivatives. XX. Transformation of Methylcyclo-
hexenes and Methylcyclohexadienes Into Dinitrotoluenes
Under the Action of Nitrating Mixture, by N. A. Domnina
V. A. Cherkasova, 2 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6, Jun
1956, pp 1616-1617.

Consultants Bureau

Sci. - Chemistry
Jul 57

49,681

XXI. The Reaction of 1-Methyl-3,4-Dibromocyclohexane
With Quinoline, by N. A. Domin, V. A. Cherkasova,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1618-1620.

Consultants Bureau

Sci - Chemistry
Jul 57

44,683

Unsaturated Cyclic Hydrocarbons and Their Halogen Derivatives. XVI. Action of Metallic Sodium on 2,3-Dibromo-1,3-cyclohexadiene, by N. A. Dominin, G. K. Krasilnikova, V. A. Cherkasova, 4 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXIV, No 10, 1954, pp 1842-1844. CIA C 42157

Consultants Bureau

Sci - Chemistry

35, 199

Jun 1956/dex