

Effect of the Form of the Cross-Section of
Light Beam and of the Light Distribution
on the Accuracy of Measurements with a
Continuous Optical Wedge, by S. A. Anisimov,
13pp.

RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 8, No 3,
1968, pp 193-199.
CFSTI TT-64-20085.

Sci - Physics
Apr 67

322,683

About the Desensitizing Action of-oro-6
Methyl-1,2,4-Triazolo (2,3,-2) Pyrimidine in
Connection With the Height of Its Oscillo-
graphic Peak of Desorption, by V. M. Gorokhoskovi.
RUSSIAN, per, Zhur Nauch Prik Fotograf Kinematograf,
Vol VIII, No 3, 1963, pp 205-206.
NLI Ref: 5828.4 1964 (10,525) (loan copy)

Sci
Aug 64.

Prokhotaki, Yu. M.
SOME PROPERTIES OF SILVER HALIDE PHOTO-
GRAPHIC EMULSIONS WITH GRADES OF LAME-
NATED STRUCTURE, II. [1963] 5p 7refs
Order from OTS, SLA, or ETC \$1.10 TT-64-14445

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii (USSR) 1963, v. 8, no. 3, p. 203-204.

DESCRIPTORS: *Photographic emulsions, *Silver
compounds, Halides, *Chlorides, *Bromides,
Photosensitivity, Photographic chemicals.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

(Materials--Photographic, TT, v. 11, no. 7)

TT-64-14445

I. Prokhotaki, Yu. M.

Office of Technical Services

Compensating Developers in the Form of Dry
Powders, by N. V. Polyakova.

RUSSIAN, per, Zhur Nauch i Prik. Fotograf i
Kinematograf, Vol VIII, No 3, 1963, pp 206-209.

NLL Ref: 5828.4 1964 (10,511) (loan)

May 64

A Study of Drying Emulsions in Vacuum by
Heat Radiation, by N. N. Somov.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol VIII, No 3, 1963, pp 209-210.

NLL Ref: 5828.4 1964 (10,507) (loan)

May 64

Sensitization Effect of Some Polyethylene Glycols,
by A. V. Borin.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol VIII, No 3, 1963,
pp 211-212.

NLL Ref: 5828.4 1964 (10,503) (loan)

May 64

Towards the Problem of the Mechanism of the
Action of a Polyethyleneglycol in a Photographic
Developer, by Am. Chuayeva, V. I. Sheverstov.
RUSSIAN, Izv. Akad. Nauk Prikl. Fotograf. Kinematograf,
Vol VIII, No 3, 1963, pp 212-214.
NLL Ref: 5828.4 1964 (10,524) (loan copy)

Sci
Aug 64

Effect of the Parameters of Electrophotographic Layers in the Optical Density of the Developed Image, by Ya. A. Cherkasov, RUSSIA, Per. Zn. Nauchn. i. Prikl. Fotogr. i Kinetograf., Vol VIII, No 3, 1963, pp 214-225.
NTS RF-4648

Sci-Methods & Equip
Apr 67

321,516

Scattering of Light and the Reproduction of
Small Details of an Optical Image by Photographic
Emulsions (Based on H. Frieser's Work), by
P. K. Pruss, 22 pp.

RUSSIAN, Izv. Zhur Nauch i Prikl Foto i Kino,
Vol VIII, No 3, 1963, pp 216-228.

CIA/FDD XX-1537
NO FOREIGN DISSEM

Sci - Phys
May 64
USIB Internal Use Only

9
258,034

Physical Ripening of Silver Halide Photographic Emulsions According to Published Materials of Recent Years, by Yu. M. Prokhot'skiy, 28 pp.

RUSSIAN, ger, Zhur Nauch i Prikl Foto i Kine, Vol VIII, No 3, 1963, pp 230-244.

CIA/FDD XX-1558
NO FOREIGN DISSEM

GB/131/T 4113

Sci - Phys

May 64

USIB Internal Use Only

9
258,035

Effect of High Molecular Compounds on the Dye Solution
Absorption Spectra (Concerning the Nature of H Centers,
by M. V. Savost-yanova, E. A. Agraeva, 10 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i Kine, Vol VIII,
No 4, 1963, pp 249-252.

CIA/FDD XX-H5,02
NO FOREIGN DISSEM

Sci - Phys
Mar 64
USIB Internal Use Only

252,257

NLR R/S: 5928.4 1964 (10,529)
(loan copy)

Stabilization Mechanism of Benzothiazolotetrazole
Derivatives in Photographic Emulsions, by
B. M. Ivanov, Yu. B. Vilenskiy.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol VIII, No 4, 1963, pp 253-261.

NLL Ref: 5828.4-1964 (10,516) (loan)

May 64

Mechanism of Sensitization of Nuclear Emulsions
With Some Dyes, by A. L. Kartuzhanskiy,
L. I. Shur.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kineratograf, Vol VIII, No 4, 1963,
pp 261-267.

NLL Ref: 5828.4 1964 (10,514) (loan)

CIA/FDD XX-1552

May 64

Problem of Increasing the Adhesion of an
Electrophotographic Selenium Layer to the
Base, by S.A. Taureitene.

RUSLIN, per, Zh Nauch Prikl Fotogr Kinematogr,
Vol 8, No 4, 1963, pp ~~70~~-267-270
GB/131/ T 4337

Sci -
Jul 67

335,063

High-Speed Color Photography of Rapid Luminescent Processes, by V. V. Garnov, V. V. Shauro, 14 pp. RUSSIAN, per, Zhur Nauch i Prikl Fto i Kine, Vol VIII, No 4, 1963, pp 270-275.

~~CIA/FDD EX-14501~~
NO FOREIGN DISSEM

Sci - Phys
Mar 64
USIB Internal Use Only

OTS - 64 - 10897

252,256

NLL Ref: 5829.4 1964 (10.531)
(LOR/COPI)

TT-65220

Filtration of Spatial Frequencies for
Changing the Properties of Photographs, by
A. T. Ashcheulov, K. A. Stozharova, 19 pp.

CFSTI TT-64-20084
RUSSIAN, per, Zhir Nauch i Prikl Foto i Kine,
Vol VIII, No 4, 1963, pp 293-302.

CIA/FDD XX-1543
NO FOREIGN DISSEM

Sci - Phys

May 64

USIB Internal Use Only

9
258,036

Effect of Triethanolamine and Organic
Dyes on the Light Sensitivity of Gelatin Layers
With Ammonium Dichromat, by M. K. Kerutskie.
RUSSIAN, per, Zhur Nauch Prik Fotograf
Kinetograf, Vol VIII, No 4, 1963, pp 303-304.
NLI Ref: 5825.4 1964 (10,530) (loan copy)

Sci
Aug 64

Styrene-Maleic Anhydride Copolymer Derivations as
Yellow Polymer Couplers, by G. N. Lapshin.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol VIII, No 4, 1963, pp 304-305.

NLL Ref: 5828.4 1963 (10,509) (loan)

May 64

Correlation of Surface and Internal Latent
Images Determined by Physical Development,
by Ya. M. Veprik.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol VIII, No 4, pp 309-310.

1963
NLL Ref: 5828.4 1964 (10,513) (loan)

May 64

Thermal Relationship of the Sensitivity of
Photographic Emulsions to Electrons,
by K. S. Bogomolov, I. A. Fomina.

RUSSIAN, per, Zhur Nauch i Prik Fotograf i
Kinematograf, Vol VIII, No 4, 1963, pp 311-312.

NLL Ref: 5328.4 1964 (10,512) (loan)

May 64

Photographic Noise and the Signal/Noise Ratio
of Various Photographic Materials, by

I. I. Braidic.

RUSSIAN, per, Zhur Nauch Prik Fotograf
Kinematograf, Vol VIII, No 4, 1963, pp 204-202.
ILL Ref: 5328.4 1964 (10,532) (loan copy)

Sci
Aug 64

OTS TT-64-14444

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

Sci -
Aug 67

337-204

Smirnov, O. K., Levi, S. M., Averbakh, K. O.,
and Kochneva, S. N.
THE ANTI-COMET EFFECT OF WETTING-AGENTS
IN COATING PHOTOGRAPHIC EMULSIONS. VI. THE
ANTI-COMET ACTIVITY OF ESTERS OF -SULFO-
PROPIONIC ACID AND THEIR EFFECT ON KINETIC
WETTING. [1964] [19p] 28 refs
Order from CTS, SLA, or ETC \$1.60 TT-64-10410

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii (USSR) 1963, v. 8, no. 5, p. 321-326.

(Materials--Photographic, TT, v. 12, no. 2)

TT-64-10410

- I. Smirnov, O. K.
- II. Levi, S. M.
- III. Averbakh, K. O.
- IV. Kochneva, S. N.
- V. Title: Anti-Comet...

Office of Technical Services

Gray-Scale Accuracy of Reproduction in
Electrophotography, by S. I. Khotyanovich, 15 pp.

RUSSIAN, per, Zhur Nauch i Prikl i Foto i
Kine, Vol VIII, No 5, 1963, pp 327-334.

CIA/FDD XX-1539
NO FOREIGN DISSEM

Sci - Phys
May 64
USIB Internal Use Only

JTS TT-64-14590

9
258,038

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
(Use copy)

Belous, V. M. and Chibisov, K. V.
RELATIONSHIP BETWEEN LUMINESCENCE AND
PHOTOGRAPHIC PROPERTIES OF EMULSIONS.
[1963] 7p 17refs
Order from OITS, SLA, or ETC \$1.10 TT-64-14448

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i
Kinematografii (USSR) 1963, v. 8, no. 5, p. 334-337.

DESCRIPTORS: *Photographic emulsions, *Luminescence, Photosensitivity, Crystal structure.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

(Materials--Photographic, TT, v. 11, no. 7)

TT-64-14448

I. Belous, V. M.
H. Chibisov, K. V.

Office of Technical Services

Use of Shadowgraph Measurements for Qualitative
Research of a Supersonic Flow Around a Wing
Profile, by L. A. Vasil'yev, V. P. Minina, 9 pp.
RUSSIAN, per, Zhur Nauch i Prikl Foto i Kine,
Vol VIII, No 5, 1963, pp 337-342. 9696871
FTD-TT-64-1064

1/2L Rts 2968

Sci - Phys
May 65

280,438

Light Absorbed in Silver and Gold Solutions,
by E. P. Kramalei, 14 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol VIII, No 5, 1963, pp 342-343.

173-77-64-116666
CIA/FDD XX-1592
NO FOREIGN DISSEM

Sci
Oct 64
USIB Internal Use Only

268,059

Photographic Reproduction of Surface Relief,
by N. M. Zyushin.
RUSSIAN, *Izvestiya*, Zhur Nauch Prik Fotograf
Kinematograf, Vol VIII, No 5, 1963, pp 348-352.
NLI Ref: 5828.4 1964 (10,539) (loan copy)

CIA FOUO XY-1664

1000-1000-015500

OTS TT-64-14591

Sci
Aug 64

Investigating the Finishing of R-Type Emulsions, by D. M. Samoilovich, I. V. Ardashev, 5 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kinc, Vol VIII, No 5, 1963, pp 359-361.

CIA/FDD XX-1540
NO FOREIGN DISSEM
ALL ROST SPES 4 1964 (10,500)
(CLEAR COPY)

Sci - Phys

May 64

USII Internal Use Only

OTS TT-64-14592

9
253,039
8

Developing Properties of Hydroxy
Benzolpyrogallol, by M. S. Khaikin.

RUSSIAN, per, Zhur Nauch Prik Fotograf Kimematograf,
Vol VIII, No 5, 1963, pp 375=376.

NLL Ref 5828.4 1964 (10,537)
(loan copy)

Sci
Aug 64

Mechanism of Aging of Infrared Emulsions, by
A. S. Kheifman, V. P. Donatova, 6 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol VIII, No 5, 1963, pp 376-378.

OTS 77-64-11443
CIA/FDD XX-1542
NO FOREIGN DISSEM

Sci - Phys

May 64

USIB Internal Use Only

9
258,037

NOT REPRODUCIBLE FROM THIS COPY
(COPY COPY)

The Effect of Resolving Power of the Size of
Silver Halide Grains as Affected by the Developer,
by I. M. Kilinskiy, V. V. Andreyanov, 5 pp.

RUSSIAN, Ser, Zhur Nauch Prik Foto i Kinc,
Vol VIII, No 5, 1963, pp 379-380.

CIA/FDD XX-1541
NO FOREIGN DISSEM

W.L. 6.23. 5828.4 1964 (10. 8. 5) 3-2-1002

Sci - Elec
May 64

OTS TT-64-14594

USIB Internal Use Only

9
258,040

Complex Stability of Merocyanines and Their Adsorption
on Silver Halides, by E. B. Lit'shits, T. D. Rybnikova,
7 pp.
RUSSIAN, paper, Zhur Nauch i Prik Fto Kine, Vol VIII,
No 5, 1963, pp 381-384.

CIA/FDD XX-1497
NO FOREIGN DISSEM

Sci - Chem
Mar 64

OTS TT-64 -14446

USIB Internal Use Only

252,252

ALL REF: 5878.4 1964 (10,536)
(LOAN COPY)

Concerning Certain Peculiarities in the Electric
Arc of a Direct Current Plasmatron, by V. Ya.
Snoiyakov.

RUSSIAN per Zh. Prikl. Mekh. Tekhn. Fiz. No. 6, 1965
pp 148-153
GB 347

Sci -
Aug 67

339-686

Hardening and Plasticizing Effect of Water-Soluble Hexamethylol-Melamine Esters, by O. K. Smirnov, S. M. Levi, 8 pp.

RUSSIAN, paper, Zhur Nauch i Prikl Khim i Kine, Vol VIII, No 6, 1963, pp 401-404.

CIA/FDD XX-1544
NO FOREIGN DISSEM

Sci - Chem
May 64

USIB Internal Use Only

9
258,041

Photographic Properties of Distyrylthiacarbocyanine
Cis- and Transisomers, by M. A. Al'perovich,
M. K. Grechko, 11 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i ~~Kine~~ Kine,
Vol VIII, No 6, 1963, pp 410-415.

873-77-44-10663

CIA/FDD XX-1593

NO FOREIGN DISSEM

Sci

Oct 64

USIB Internal Use Only

268,060

Mechanism of the Stabilizing Effect of
Benzothiazolotetrazole Derivatives on Photographic
Emulsions, by L. F. Avramenko, M. B. Vilenskiy,
14 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol VIII, No 6, 1963, pp 419-425.

CIA/FDD XX-1594
NO FOREIGN DISSEM

Sci
Oct 64
USIB Internal Use Only

268,061

Investigations of Kinetics of Reduction of
Silver Nitrate by p-Hydroxyphenylglycine, by
Ya. N. Veprik, V. N. Sintsov, 7 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol VIII, No 6, 1963, pp 434-437.

CIA/FDD XX-1595
NO FOREIGN DISSEM

OTS - 77-64-16542

SP 115 11 7 42 11

Sci

Oct 64

USIB Internal Use Only

268,062

Baranova, V. P. and Gorokhovskii, Yu. N.
GLASS LIGHT-FILTERS FOR SENSITOMETRIC
LIGHT-SOURCES. 12 reels
Order from OIS, SLA, or ETC \$2.60 TT-64-16541

TT-64-16541

I. Baranova, V. P.
II. Gorokhovskii, Yu. N.

Trans. of Zhurnal Nauchnoi Prikladnoi Fotografii
Kinematografii (USSR) 1963, v. 8, no. 6, p. 437-446.

(Materials-Photography, TT, v. 12, no. 3)

Office of Technical Services

Reciprocity Law Failure Within the Limits of
Quartz Ultraviolet Spectral Region, by
V. M. Uvarova, M. R. Shpol'skiy, 6 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kinc,
Vol VIII, No 6, 1963, pp 446-449.

CIA/FDD XX-1545
NO FOREIGN DISSEM

Sci - Phys

May 64

USIE Internal Use Only

9
258,042

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

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kine,
Vol VIII, No 6, 1963, pp 449-454.

073-77-64-16698

CIA/FDD KX-1538
NO FOREIGN DISSEM:

Sci - Phys

May 64

USIB Internal Use Only

254,044

9

Discussion of Some Problems of Preparing Silver
Layers Having a Fine Structure in Absorption
Spectrum, by A. N. Latyshev, 13 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kine,
Vol VIII, No 6, 1963, pp 454-459.

ATS 7-107-16665

CIA/RDD XX-132450
NO FOREIGN DISSEM

Sci

Oct 64

USIB Internal Use Only

268,057

Ideal Form of Characteristic of Microreproduction
Emulsions, by E. A. Bukatin, 7 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kine,
Vol VIII, No 6, 1963, pp 468-470.

CIA/FDD XX-1546
NO FOREIGN DISSEM

Sci - Phys
May 64
USIB Internal Use Only

258,045
9

Some Physical Methods of Infrared Photo-
graphy, by V. N. Sintsov, 12pp.
RUSSIAN, per, Zhurnal Nauchnoi i
Prikladnoi Fotografii i Kinematografii,
Vol 8, No 6, 1963, pp 471-474.
CFSTI TT-64-20086.

08/15/74 4321

322,640

Sci - Materials
Mar 67

Effect of Conditions of Development on the Spectral
Sensitivity Curve of Non-Sensitized Photographic
Emulsion, by N. R. Dolgoplova, P. V. Melklyar,
12 pp.

RUSSIAN, per, Zhur Nauch i Prikl i Photo Kine,
Vol VIII, No 8, 1963, pp 185-189.

CIA/FDD XX-1627
NO FOREIGN DISSEM

Sci
USIB Internal Use Only

269,693

Effect of Moisture Content of Emulsions on the
Stability of Photographic Properties of Type-R
NIKFI Emulsions, by K. M. Romanovskaya,
K. S. Bogomolov.
RUSSIAN, per; Zh Nauch i Prik Fot i Kinemat,
Vol 9, No 1, 1964, pp 6-11.
NLL Ref:5823.4F (M.13400)

Sci-Meth & Equip
Feb 70

401,593

Reaction of 2,4-Disulfobenzaldehyde
Polyvinylacetal with Gelatin, by D. A.
Dusheiko, N. A. Petrova, Yu. B. Vilenskii,
10pp.
RUSSIAN, per, Zhurnal Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol 9, No 1,
1964, pp 14-18.
CFSTI TT-64-20089.

322,637

Sci - Chemistry
Mar 67

Effect of Aging of Silver Layers on the Fine
Structure of Absorption Spectrum, by A. N. Latyushov,
5 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kine,
Vol IX, No 1, 1964, pp 18-21.

CFSTI TT-64-20090

CIA/FDD XX-1589
NO FOREIGN DISSEM

Sci

Oct 64

USIB Internal Use Only

268,056

Properties of Fine-Grain Nuclear Emulsions Depending
Upon the pH and the Temperature of Emulsification and
First Ripening, by V. I. Zakharov, N. R. Novikova,
14 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine, Vol IX,
No 1, 1964, pp 21-27.

CFSTI TT-64-30093
CIA/FDD XX-1587
NO FOREIGN DISSEM

Sci
Oct 64
USIB Internal Use Only

268,054

Investigation of the Rate of Physical
Development with p-Hydroxyphenylglycine
Developer, by Ya. M. Veprik, V. N. Syntsov,
G. P. Faerman, 8pp.

RUSSIAN, per, Zhurnal Nauchnoi i
Prikladnoi Fotografii i Kinematografii,
Vol 9, No 1, 1964, pp 27-31.
CRSTI TT-64-20091.

322,641

Sci - Materials
Mar 67

Investigations of the Relationship Between Spectral
Sensitivity and Impurity Spectral Absorption of
Photographic Emulsions, by Zh. I. Broun,
B. G. Varshaver, 18 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol IX, No 1, 1964, pp 38-5.

CIA/FDD XX-1586
NO FOREIGN DISSEM

SLA IT 64-20101

Sci

Oct 64

USIB Internal Use Only

268,053

Investigation of the Kinetics and the Mechanism
of Photographic Development I. Kinetics
of Regular Growth of Silver Nuclei in Development
Process, by V. I. Sheberstov.

RUSSIAN, per, Zhur Nauchnoi i Prikladnoi
Fotografii i Kinematografii, Vol IX, No 1, 1964,
pp 46-850.

SLA TT 64-20097

Apr 67

523,161

Investigation of Hardening of Emulsions,
by S. M. Levi, S. N. Kochneva, 6 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kine,
Vol IX, No 1, 1964, pp 51-53.

CIA/FDD XX-1588
NO FOREIGN DISSEM

SLA H 64-20095

Sci
Oct 64

UKSIB Internal Use Only

268,055

Basic Factors Determining the Resolving Power
of Photographic Materials, by G. G. Gribakin,
G. A. Antonin, 5 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kino,
Vol IX, No 1, 1964, pp 57-59.

CIA/FDD XX-1556
NO FOREIGN DISSEM

Sci - Phys
May 64
USIB Internal Use Only

FID-TT-45-013
6 B1131/74381

258,046
9

Discrimination of Heavy Ions in Nuclear Emulsions,
by P. A. Gorichev, O. V. Lozhkin, 16 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine, Vol IX,
No 2, 1964, pp 83-90.

CIA/FDD XX-1585
NO FOREIGN DISSEM

SLA 77 64 - 20102

Sci

Oct 64

USIB Internal Use Only

~~267~~268,052

Photographic Properties of Oxacarbocyanines With
a-Naphthyl and a-Thienyl Groups in 5,5' Positions,
by M. A. Al'perovich, M. K. Grechko, 5 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kine, Vol IX,
No 2, 1964, pp 90-92.

CIA/FDD XX-1584
NO FOREIGN DISSEM

SLA # 64-20100

Sci

Oct 64

USIB Internal Use Only

267,711

Investigation of Methods of Processing of NIKFI BR-Type
Type Emulsion Pellicles Cemented on Glass, by
T. I. Krestovnikova, V. M. Uvarova.
RUSSIAN, per, Zhurnal Nauchnoi i
Prikladnoi Fotografii i Kinematografii,
Vol IX, No 2, 1964, pp 92-95.
SLA TT 64-20103

Sci
Apr 67

523,162

Relationship Between the Speed, Resolving
Power and Grain Size of Photographic Emulsions
by K. V. Vendrovskii, I. Z. Pakushko.
RUSSIAN, per, Zhurnal Nauchnoi Prikladnoi
Fotografii i Kinematografii, Vol IX, No 922,
pp 96-102.
SLA TT 64-20104

Apr 67

324x3, 151

Investigation of the Formation of Azine Dyes
During Color Development, by I. V. Aleksandrov,
Yu. S. Abradushkin, 13 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol. IX, No 2, 1964, pp 102-103.

CIA/FDD XX-1600
NO FOREIGN DISSEM

SLA TT 64-20105-

Sci
Oct 64
USIB Internal Use Only

258,067

Photochemical Color Centers Formed at Low Temperatures
in Silver Halide Emulsions Including Gold Impurity,
by A. G. Gumenyuk, T. Ya. Sera, 7 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kine, Vol IX,
No 2, 1964, pp 108-111.

CIA/FDD XX-1632
NO FOREIGN DISSEM

Sci
USIB Internal Use Only

269,688

~~Sci~~

Increasing the Discriminating Power ~~of~~ Nuclear
Emulsions by Superproportional Intensification, by
A. P. Zhdanov, L. I. Shur, 7 pp.

RUSSIAN, per, *Zhurnal Nauch i Prikl Foto i Kine*,
Vol IX, No 2, 1964, pp 111-114.

CIA/FDD XX-1633
NO FOREIGN DISSEM

SLA TT 64-20106

Sci
USIB Internal Use Only

269,687

Stereoscopic Filming of Rapid Processes by
Two Independently Operating Moving Picture
Cameras, by V. V. Garnov, A. S. Dubovik, 7 pp.
RUSSIAN, per, Zhur Nauch i Priklad Fotograf
i Kineematograf, Vol IX, 1964, 9227849
NASA TT F-337

FF 116-101.

10LL/6015.49

Sci - Phys
Sep 65

289,072

Effect of Polyethylene Glycol on the Induction
Period and the Subsequent Speed of Photographic
Development, by A. M. Churaeva, V. I. Sheberstov,
5 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol IX, No 2, 1964, pp 122-124.

CIA/FDD XX-1599
NO FOREIGN DISSEM

SLA # 64-20107

Sci

Oct 64

USIE Internal Use Only

268,066

Kinetics of Chemical-Photographic Processing, by
I. D. Elyanberg.
RUSSIAN, per, Zh Nauch Prikl Fotogr Kinetolog,
Vol 9, No 2, 1964, pp ~~132~~ - 140
GE 131/1 4474

Sci -
Aug 67

336,670

Photographic Properties of Foreign Photographic
Films, by I. Z. Pakushko, K. V. Vendrovskiy, 17 pp.

RUSSIAN, per, Zhur Nauch i Prikl Foto i Kine,
Vol IX, No 2, 1964, pp 142-151.

CIA/FDD XX-14598
NO FOREIGN DISSEM

INSDOCIT 7295

Sci

Oct 64

USIB Internal Use Only

268,055

Symposium on the Structural Properties
of Photographic Layers and Their Information,
Capability, by I. I. Breydo, 5 pp.
RUSSIAN, per, Zhur Nauch i Prikl Fotog
i Kinetografii, Vol IX, No 2, 1964,

pp 154-156. 9696925

FTL-TT-65-294

Sci-Pics
Jun 65

202,215

Photographic Investigation of Fluctuations in an
Air-Stabilized Plasma-Jet, by A.M. Trokhan.
RUSSIAN, per Zh. Prikl. Math. Tekhn. Fiz. No. 2, 1964,
pp 160-163
CB 347

Sci -
Aug 67

339-687

Electron Sensitometer With a Cassette, Equipped
With Thermostat, and Automatic Modulator of
Exposure, by I. A. Fomina, K. S. Bogomolov, 11 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol IX, No 3, 1964, pp 184-189.

CIA/FDD XX-1597
NO FOREIGN DISSEM

Sci
Oct 6
USIB Internal Use Only

268,064

Spectral Sensitivity of Selenium Zeroradiographic
Plates, by A. I. Kaminskas, et al,
RUSSIAN, par. Zh. Nauchn. i Prikl. Foto.
i Kineematogr., Vol IX, No 3, 1964, pp 189-191.
AFS 10-4654

Sci-Methods & Equip
Box 47

321,519

Absorption Spectrum of Emulsion Grains, by
M. Z. Peskova, 10 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol IX, No 3, 1964, pp 197-201.

CIA/FDD KX-1663
NO FOREIGN DISSEM

Sci
Jan 65
USIB Internal Use Only

271,438

Nuclear Emulsion Developable in Aqueous Alkaline
Solution, by Ya. M. Veprik, I. A. Guseva, 5 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine, Vol LXX,
No 3, 1964, pp 207-208.

CIA/FDD KX-1661
NO FOREIGN DISSEM

Sci
Jan 65
USIB Internal Use Only

271,440

Application of Thiourea in Photographic
Processes, by V. N. Sintsov, 15 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i
Kine, Vol IX, No 5, 1964, pp 231-236.

CIA/FDD XX-1693
NO FOREIGN DISSEM

ALL / 5888.4 (1074)

Sci

Apr 65

USIB Internal Use Only

277,806

Diffusion of Material From an Aqueous Solution
In Gelatin Gel, by ~~Dr.~~ I. M. Davydkin, 13 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol IX, No 4, 1964, pp 241-248.

CIA/FDD XX-1657
NO FOREIGN DISSEM

Sci
Jan 65
USIB Internal Use Only

271,444

Dependence of the Induction Period of Development
Upon the pH of Developers, by V. A. Veydenbakh,
P. I. Levina, 14 pp.

RUSSIAN, per, Zhur Nauch I Prik Foto i Kine,
Vol IX, No 4, 1964, pp 248-254.

CIA/FDD XX-1656
NO FOREIGN DISSEM

Sci
Jan 65
USIB Internal Use Only

271,445

Investigation of the Kinetics of Super-High
Speed Development, by R. V. Dimitrov,
Yu. F. Grin, 11 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol IX, No 4, 1964, pp 254-259.
CIA/FDD XX-1694
NO FOREIGN DISSEM

Sci
Apr 65
USIE Internal Use Only

277,805

Investigation of the Mechanism of Hardening.
II. Investigation of Shrinkage Strains
in Dried Gelatin and Triacetate Films,
by S. M. Ostrikov, T. P. Dukhina, 8 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i
Kine, Vol IX, No 4, 1964, pp 259-261.

CIA/FDD XX-1721

NO FOREIGN DISSEM

Sci

Jun 65

USIB Internal Use Only

281,695

Photochemical Destruction of Centers Responsible
for the Fine Structure in Impurity Absorption
Spectrum of Silver Halide, by A. N. Laxtyshev,
6 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol IX, No 4, 1964, pp 263-266.

CIA/FDD XX-1662
NO FOREIGN DISSEM

Sci
Jan 65
USIB Internal Use Only

271,439

Effect of Nondiffusing Masking Color Couplers
on the Sensitizing Effect of Dyes, by
E. B. Lifshits, T. M. Lazareva, 21 pp.

RUSSIAN, per, ~~EZhur~~ Nauch i Prik Foto i Kine,
Vol IX, No 4, 1964, pp 266-276.

CIA/FDD XX-1660
NO FOREIGN DISSEM

Sci
Jan 65
USIB Internal Use Only

271,441

Comparison of the Dispersity of Latent Images
Formed by the Action of Light and Ionizing
Radiation, by A. I. Kartuzhanskiy,
RUSSIAN, per, Zhurnal Nauchn. i Prikl. Fotogr.
Kineamatog., Vol IX, No 4, 1964, pp 276-282.
*RU-11-67-483

Sci-Anci Sci
Mar 67

Comparison of Dispersity of the Latent Image
Formed by the Effects of Light and Ionizing
Particles, by A. L. Kartuzhanskiy, 18 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i
Kine, Vol IX, No 4, 1964, pp 276-282.

CIA/FLD XX-1697
NO FOREIGN DISSEM

Sci
Apr 65
USIB Internal Use Only

277,804

Effect of Preliminary Etching of Emulsion Layers
on Light Sensitivity and Latent Image, by
A. B. Pyatnitskaya, Zh. S. Popova, 7 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i Kine,
Vol IX, No 4, 1964, pp 283-285.
CIA/FDD KK-1696
NO FOREIGN DISSEM

Sci
Apr 65
USIB Internal Use Only

277,803

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 XX-1784

ATS RJ-4638

Sci - Elec

May 66

USIB Internal Use Only

300,532

Effect of Polyethylene Glycols on Nuclear
Photographic Emulsions, by A. P. Zhdanov,

A. I. Kartuzhanskiy, 5 pp.

RUSSIAN, per, Zhur Nauch i Prik i Foto i Kine,
Vol IX, No 4, 1964, pp 300-302.

CIA/FDD XX-1692

NO FOREIGN DISSEM

Sci

Apr 65

USIB Internal Use Only

277,807

Changes in Impurity Centers in Processes
of Finishing and Accelerated Aging
of Photographic Emulsions, by
A. B. Pyatnitskaya, 13 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i
Kine, Vol IX, No 5, 1964, pp 321-327.

CIA/FOO XX-1711
NO FOREIGN DISSEM

Sci - Phys
Jun 65
NSIB Internal Use Only

281,651

Diffusion of Material From Waver Solution
Into Gelatin Gel, by I. M. Davydkin, 13 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i
Kine, Vol IX, No 5, 1964, pp 327-332.

CIA/FDD XX-1720
NO FOREIGN DISSEM

Sci
Jun 65
USIB Internal Use Only
M

281,696

Investigation of Developing Properties
of 1-Phenyl-3-Pyrazolidone and Its
Derivatives, by V. L. Abritalin,
V. N. Solov'eva, 6 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto
i Kino, Vol IX, No 5, 1964, pp 333-336.

EA/FDM XX-1710
NO FOREIGN DISSIM

Sci - Phys
Jun 65

ESTC 381-T65-623

USIB Internal Use Only

281,652

Kinetics of Super Highspeed Processing
of Motion Picture and Photographic
Materials, by I. B. Blyumberg, R. V. Dimitrov,
10 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i
Kinc, Vol IK, No 5, 1964, pp 336-341.

CIA/FBI XX-1709

NO FOREIGN DISSEM

7-15-1964

CS 131/T 4625

Sci

Jan 65

USIA Internal Use Only

281,653

Microsensitometric Investigation of
Multilayer Color Photographic Materials,
by Yu. N. Gorokhovskiy, Z. S. Shcherbakovskiy,
24 pp.

RUSSIAN, per, Zhur Nauch i Prik Foto i
Kine, Vol IX, No 5, 1964, pp 341-351.

CIA/FDD XX-1712
NO FOREIGN DISSEM

Jun 65
USIB Internal Use Only

281,704

Recording Microdensitometer, by
I. G. Minkevich, K. V. Vendrovskiy, 14 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i
Kine, Vol IX, No 5, 1964, pp 352-357.

RCIA/FDD XX-1719
NO FOREIGN DISSEM

MLL/28.4 1965 (11,029)

Sci
Jun 65
USIB Internal Use Only

281,697

Spectral Depolarization Curves of Silver
Chloride Crystals, by V. F. Kiselev,
V. V. Pospelov, 6 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i
Kine, Vol IX, No 5, 1964, pp 357-359.
CIA/FDD XX-1708
NO FOREIGN DISSEM

Sci
Jun 65
USIB Internal Use Only

281,654

Measurement of the Amount of Photolytic
 Silver in Emulsions by the Activation
 Analysis Method, by N. P. Kocherov,
 N. A. Perfilov, 9 pp.
 RUSSIAN, per, KZhur Nauch i Prik Foto i
 Kine, Vol IX, No 5, 1964, pp 360-363.

~~SECRET~~

NO FOREIGN DISSEM

8 FST/ TT 65 13919

Sici

Jun 65

USIB Internal Use Only

281,655

Photoemission From Silver Centers and the
Silver Chloride Stimulated Luminescence
Phenomenon, by V. M. Belous, 15 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i
Kine, Vol IX, No 5, 1964, pp 363-367.

CIA/FDD XX-1718
NO FOREIGN DISSEM

Sci

Jun 65

USIB Internal Use Only

281,698

Reason for the Accelerated Growth of
Grains During the Ripening of Photographic
Emulsion, by K. S. Lyalikov, 9 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i
Kine, Vol IX, No 5, 1964, pp 396-398.

CIA/FDD XX-1717
NO FOREIGN DISSEM

Jun 65
USIB Internal Use Only

281,699

Some Properties of Developers With
Phenidone, by L. V. Krasnyi-Admoni,
Ya. Z. Zaydenberg, 10 pp.
RUSSIAN, per, Zhur Nauch i Prik Foto i
Kine, Vol IX, No 6, 1964, pp 401-404.
CIA/FDD XX-1716
NO FOREIGN DISSEM

Jun 65
USIB Internal Use Only

281,700

Effect of Development Conditions on Microphotometric
Graininess of Photographic Materials, by I.E. Breido,
K.P. Ermolina.
RUSSIAN, per Zh. nauch. prikl. Fotogr. Kinet. Vol. 9,
No. 6, 1964, pp 425-435
GB 131/2 4678

1066/5228.4

Sci -
Aug 67

339-667

Reducibility of Silver Chloride, Silver
Bromide and Silver Salt of 5-Methyl-7-
Hydroxy-1,3,4-Triaza-indolizine, by
G. P. Faerman, M. I. Faynshteyn, 9 pp.
RUSSIAN, per, Zhur Nauch i Prikl Foto i
Kine, Vol IX, No 6, 1964, pp 436-440.
CIA/FDD XX-1731
NO FOREIGN DISSEM

3B 31/7 4679

Sci
Aug 65

USIB Internal Use Only

287,612

Russian

DC

1,627/70

25 Feb 70 SF

The Study of Color Range III. The Color Range of the
Color Range of the Color Photographic Process by

Dr. K. Balabukha,

prof, Zhurnal Nauchnoy i Prikladnoy Fotografii i

Kinematografii, Vol. 9, No. 6, 1964, pp 440-447,

Publish ad hoc,

(June)

incl. diagrams captions,

source- do not mutilate,