

1011

STAT

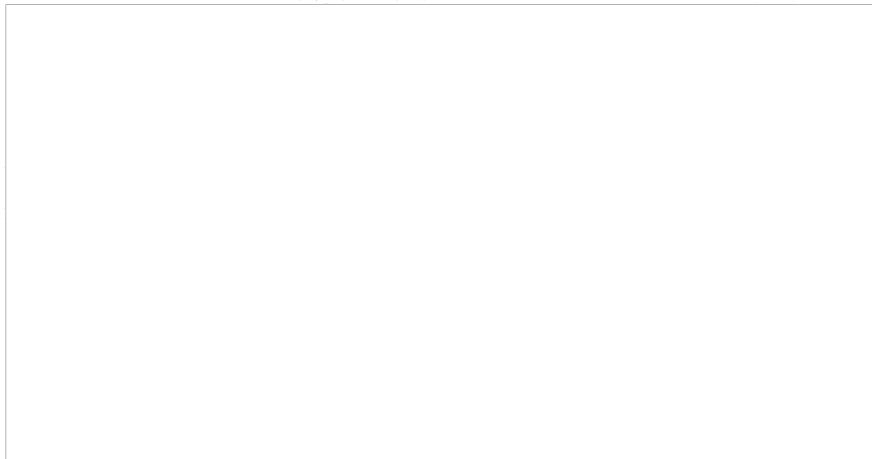
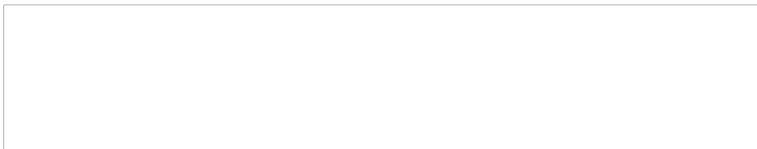


Table of Contents of the Soviet Periodical

Journal of Physical Chemistry

Zhurnal Fizicheskoy Khimii, Vol XVII, No 1-6, 1943.



STAT

(Zhurnal Fizicheskoy Khimii)

143

Vol VIII, No 1, 1943

"The Contact Difference of Potential Between Mercury and an  
Anode of Thallium"

S. Gerasimov and A. Struchanov

Overdlovsk

Inst. of Electrochemistry of the Academy of Sciences USSR

Laboratory of Electrochemistry

Received 27 April 1941

"On the Question Concerning the Electrolytic Reduction of Iron  
of Iron"

G. Yasin and T. Poshchurov

Overdlovsk

Inst. Industrial Institute

Laboratory of Theoretical Electrochemistry

Received 12 March 1941

"The Shape of the Raman Spectrum of Chloroacetylene and Isoprene  
in the Polymerization Process"

A. B. Gantmakher and S. B. Vedvedev

Moscow

Physico-Chemical Institute imeni L. Ya. Karpov

Received 11 June 1941

"On the Question Concerning the Structure of Borane" II

M. Ye. Dyatkina and Ya. K. Syrkin

Moscow

Physico-Chemical Institute Leonid L. Ya. Karlov

Received 7 May 1961

"Physico-Chemical Investigations of solutions in the Liquefaction

of bases -- 19, Catalytic activity of Micro-Indicators in  
Liquid Ammonia; Salt effect during Anhydride of  
[1] "Acetamide"

L. A. Izraelson and A. I. Zaslavskiy

Moscow

Physico-Chemical Institute Leonid L. Ya. Karlov

Laboratory of Non-Aqueous Solutions

Received 26 July 1960

"On the Kinetics of Denaturation of Proteins"

Ye. Zaslavskiy

Received 1 March 1961

"On the Effect of Pressure on the Kinetic Rate of Crystallization  
of Silicates"

V. E. Galaktionov and A. A. Izraelson

Academy of Sciences USSR

Petrozavodsk Department

Institute of Geological Science

Received 12 May 1961

"Quantitative Determination of Integral Energy of Roentgen (X-ray)

Interference in Structural Analysis -- III. A Rapid Method  
of Integral Photometry of Interference Spots"

V. P. Komov and A. Kh. Ereger

Moscow

ENCLOSURE

RESTRICTED

Physico-Chemical Institute named L. Ya. Karpov

Laboratory of X-ray

Received 31 April 1961

"Studies on the Optical Sensitizing of Photographic Emulsions --

III. The Effect of Optical Sensitizing on the Natural  
Sensitivity of Photographic Emulsions"

L. I. Fedotina and Ye. N. Zhukovskiy

Moscow

Physico-Chemical Institute

(Laboratory of Scientific Photography)

Received 23 April 1961

"Preliminary Reports -- Intensity of the Absorption Lines and the Nature  
of the Chemical Bond"

M. V. Vol'kenskiy

Moscow

Physico-Chemical Institute named L. Ya. Karpov

Received 17 July 1961

Vol. XIII, No. 2, 1963

"Valence States of Sulfur"

Ye. G. Guryanova

Moscow

Physico-Chemical Institute named L. Ya. Karpov

Received 17 July 1961

"Measuring the Capacity of the Dual Electrical Layer on Wood's  
Alloy"

S. Karpachev, M. Ladygin and V. Zikov

RESTRICTED

Sverdlovsk State University imeni A. M. Bor'kiy

Chair of Physical Chemistry

Received 25 July 1941

"On the Possibility of Auto-oscillation in a Homogeneous Chemical System (Dubins Quadratic Autoanalysis)"

Bor'kiy

Physico-Technical Institute, Bor'kiy University

Chair of Physical Chemistry

Received 21 July 1941

"Kinetics of Catalytic Oxidation of Acetylene on Active Dioxide of Tungsten"

V. Ignatyev, M. Zubov

Received 1 July 1941

"The Spectra of Absorption of the Dioxide of Nitrogen on the Films of Aromatic Compounds"

I. O. Borislavets

Siberian Physico-Technical Institute, Tomsk University imeni

V. V. Vukobratov

Laboratory of Spectroscopy

Received 2 July 1941

"Photochemical Nitration of Benzene and Nitrobenzene with Oxides of Nitrogen"

I. O. Borislavets

Siberian Physico-Technical Institute, Tomsk University imeni

V. V. Vukobratov

Laboratory of Spectroscopy

Received 2 July 1941

"Determination of the Structure and Composition of Double Carbide Systems  $W - Co - C$  by the Method of Studying the Comparative Spacing of Debye Lines"

Ye. N. Kislyakova

Moscow

Soviet Alloys Combine

Laboratory of Structural Analysis

Received 5 July 1961

Sov. Weld., No. 2, 1962

"A High Pressure Apparatus"

I. N. Prilevskiy and I. G. Tsiklis

Moscow State Nitrogen Institute

Received 1 September 1961

"Equilibrium of Gases -- Two and phase equilibrium in Mineral Systems"

I. N. Prilevskiy and I. G. Tsiklis

Moscow State Nitrogen Institute

Received 15 June 1962

"Diffusion Effects at the Limits of Diffusion of a Flame. An Experimental Study of the Flammability of Explosive Mixtures of Carbon Dioxide"

M. I. Bredov and Ya. S. Zeldovich

Institute of Chemical Physics, Academy of Sciences USSR

Laboratory of Combustion

Gorkiy University

Chair of Physical Chemistry

Received 15 May 1961

RESTRICTED

"On the Kinetics of the Reaction of Nitrogen Dioxide with Ethylene"

L. M. Kozlov and V. F. Kozlov  
Physico-Chemical Institute Acad. S. S. Korolev  
Moscow, U.S.S.R.  
1963

"On the Kinetics of the Reaction of Nitrogen Dioxide with Ethylene"

L. M. Kozlov  
Physico-Chemical Institute Acad. S. S. Korolev  
Moscow, U.S.S.R.  
1963

"On the Kinetics of the Reaction of Nitrogen Dioxide with Ethylene"

L. M. Kozlov  
Physico-Chemical Institute Acad. S. S. Korolev  
Moscow, U.S.S.R.  
1963

References

"The Capacity of the Mercury Electrode of the Physico-Chemical Institute

Academician A. M. Falk

*of the Peoples' Commissariat of the Chemical Ind.*

"Physico-Chemical Institute Acad. Korolev and its Role in the  
Development of Physical Chemistry in the U.S.S.R."

Academician N. N. Semenov

"The Capacity of the Mercury Electrode in the Presence of Multiple-  
valent Cations"

M. Kargin and A. G. Ginzburg

Moscow

Physico-Chemical Institute named L. Ya. Karpov

Laboratory of Colloid Chemistry

Scientific-Research Photo-Institute

"On the Kinetics of the Swelling of Cellulose Films"

A. Ginzburg

Moscow

Physico-Chemical Institute named L. Ya. Karpov

Scientific-Research Photo-Institute, Laboratory of Colloid Chemistry

Scientific-Research Photo-Institute

"On the Kinetics of Swelling"

A. G. Ginzburg

Moscow

Physico-Chemical Institute named L. Ya. Karpov

Laboratory of Colloid Chemistry

Scientific-Research Photo-Institute

"Kinetics of the Swelling and Properties of Water-Swollen Films"

II. The Kinetics of the Swelling of Hydrogels of Films at the Time of Their Relaxation

V. A. Frenkin, P. V. Koslov, and R. V. Zuyeva

Moscow

Physico-Chemical Institute named L. Ya. Karpov

Laboratory of Colloid Chemistry

Scientific-Research Photo-Institute

Laboratory of Film Technology

Received 20 August 1963



"Kinetics of the Polymerization of Styrene in Benzene"

A. D. Zaitsev, M. Ya. Zaitseva

Moscow

Physico-chemical Institute of the USSR Academy of Sciences

Received 10 August 1963

Abstract

"Kinetics of the Polymerization of Styrene in Benzene. The Effect of the Temperature of the Reaction"

A. D. Zaitsev, M. Ya. Zaitseva

Moscow

Physico-chemical Institute of the USSR Academy of Sciences

Received 10 August 1963

"Kinetics of the Polymerization of Styrene"

A. D. Zaitsev

Moscow

Physico-chemical Institute of the USSR Academy of Sciences

Abstract of the Structure of the Polymer

Received 10 August 1963

"Kinetics of the Polymerization of Styrene in the Presence of Benzene"

A. I. Zaitseva, M. Ya. Zaitseva

Moscow

Physico-chemical Institute of the USSR Academy of Sciences

Institute of Polymer Chemistry, Catalysis

Received 10 August 1963

"Free Radicals in the Polymerization Process"

B. Melnikov, G. Koritskaya, M. Ya. Zaitseva

Moscow

- 10 -  
RESTRICTED

High School Institute, Acad. I. Ye. Yanov  
Laboratory of Polymerization Processes  
Moscow, U.S.S.R. 1953

"On the Kinetics of Polymerization of Acrylonitrile -- I. The Role of  
Initiator Molecules"

I. Ye. Yanov, Acad. I. Ye. Yanov

High School Institute, Acad. I. Ye. Yanov  
Laboratory of Polymerization Processes  
Moscow, U.S.S.R. 1953

"Initiation in Polymerization"

I. Ye. Yanov

High School Institute, Acad. I. Ye. Yanov  
Moscow, U.S.S.R. 1953