

CHINESE VIEWS U. S.

USSR/Chemistry - Inorganic

Jan 51

"Products of the Interaction of Silicate Glasses With Hydrofluoric Acid," N. G. Ozeretskaya

"Zhur Prik Khim" Vol XXIV, No 1, pp 32-36

Among results obtained from expt on reactions with hydrofluoric acid of glasses contg different metal silicates, data on crystallo-optical characteristics (hitherto unknown in literature) of barium and calcium fluorosilicates listed.

172714

MOLCHANOV, V.S.; OZERETS'KOVSKAYA, N.O.

Alkali resistance of glass and cleaning of optical parts by
alkaline solutions. Opt.-mekh. prom. 25 no. 2:48-51 P '58.

(MIRA 11:?)

(Glass optical)
(Alkalies)

OZERETS'KOVSKAYA, N.G.

Effect of fertilizers on hydrochemical conditions of vinba-chalcal-
burnus nursery ponds. Trudy prob. i tem. sov. no.7:14-20 '57.
(Fertilizers and manures) (MLRA 10:4)
(Peskups Valley--Fish ponds)

OZERETSKOVSKAYA, N.G.; SMIRNOVA, N.P.

Chemical analysis of the Psekups River and ponds in Krasnodar
Territory in connection with fertilization. Trudy Zool.inst.
26:96-128 '59. (MIRA 1):5)
(Psekups Valley--Fish culture)

"APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001238

OZERETSKOVSKAYA, N.G.; SMIRNOVA, N.F.

Hydrochemical study of the Oxa River from the source to the estuary
carried out in the summer of 1959. Trudy Zool. Inst. Akad. Nauk SSSR, No. 17, 1964.
MIRA 17:1.

APPROVED FOR RELEASE: Wednesday, June 21, 2000

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"APPROVED FOR RELEASE: Wednesday, June 21, 2000

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SECRET

APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001238

ROMODANOVSKAYA, O. V; OZERETSOKOVSKAYA, N. N.

Prevention of vernal recurrent of malaria. Sovet. med. 16 no.
5:19-22 May 1952.
(CLML 22:2)

OZERETSKOVSKAYA, N.N., ZAYTSEVA, K.A.

Results of therapy of quartan malaria with associated amphetamine, chloroquine, and plasmocid in polyclinics. Klin. med., Moskva 31 no. 117, 1953.

(CIML 741)

1. Of Moscow Municipal Anti-Malarial Station (Head - N. N. Ozeretskaya)

OZERETSKOVSKAYA N.N.

• EXCERPTA MEDICA Sec.2 Vol.9/10 Physiology, etc. Oct 56

4883. OZERETSKOVSKAYA N.N., BUTCHNEVA N.V. and ANDREYEVA
• Experimental treatment of tertian malaria with new drugs during the incubation period in the Altai province, using new Soviet drugs (Russian text) SOVETSK. MED. 1956, 5 (36-43). Tables 2
Treatment of Pl. vivax malaria with mepacrine (I), proguanil (II) and paracetamol (III) decreased the proportion of relapses to about 13%. Five other drugs were tested in the Altai area (Soviet Mongolia) on 88 cases of relapsing vivax malaria. Most of the subjects had had attacks before the trial and some as many as 12 attacks. All had enlarged spleen and liver. Labial and facial herpes was observed commonly at the time of the attack. The 5 drugs were as follows: 4-(*p*-chlorophenyl)-1-methylaminomethyl-4-hydroxyanilino]-7-chloroquinoline (IV), and 4-[1-(*p*-chlorophenyl)-2-methylpyrrolidylmethyl]4-hydroxyanilino]-7-chloroquinoline (V) (mefloquine); amodiaquine, designated in the text by the numbers 333 and 334; 4-(*p*-chlorophenyl)-8-aminoquinoline derivative called quinocide (VI), a pyrimethamine derivative (VII) and 1-(*p*-chlorophenyl)-2,4-diamino-6,6-diphenyl-1,3,5-triazine (chlorazine) (VIII). These drugs were compared with chloroquine (IX). The results can be assessed approximately from the following tables prepared by recalculating the weighted average of the duration of fever and the presence of parasites in the peripheral blood.

OZARKS 1985-1986

"A Group Infection with Trichinella spiralis in the Soviet Arctic Region," by T.N. Kostylev et al., in Meditcinskaya iuriziteta SSSR i Tadzhikistana, 1957, pp 152-159.

As a result of eating the meat of polar bear (Phipps), three out of six members of the expedition to De Long's land (De Long's islands) became infected with trichinellosis in August-September, 1957. This is the first case of trichinellosis in this region it is the first record of trichinellosis which has been registered.

High temperature, myalgia, headache, pain in the rectum and eosinophilia (up to 74-83 per cent) were the symptoms. The diagnosis was confirmed by finding a single larva of one trichinella larva in the infected patient.

The sources of infection of polar bear meat were not determined.

Card 1/2

EX-SRFTA TRUTH Sec. 6 Vol 13/12 Internal ref. 6

6982. SEVERE CASES OF OPISTHORCHIASIS (Russian text) - Ozerginskaya, N. N., Slobodkina, N. N., Tsvetkov, N. N., Chochieva, Z. R., and Kryashko, N. T. - VET. PARAZIT. I. PARAZIT. BOL. 1958, 27/4 (439-445); Graphic 2, Tables.

A description is given of 2 cases of opisthorchiasis complicated by cirrhosis of the liver. Factors conducive to hepatitis and cirrhosis are intensive infestation, secondary infections of the bile ducts and protracted alimentary disorders. In cirrhosis of an opisthorchiasis aetiology an effective combination of specific and pathogenetic therapeutic is indicated. To reveal factors conducive to primary cancer of the liver during opisthorchiasis special investigations are necessary. (IV, 6, 17*)

OZKRETSKOVSKAYA, N.N.

Pathogenesis of the pain syndrome in trichinellosis. - M., 1962.
22 no.6:90-95 Je '58

1. Iz Klinicheskogo sektora (zav.-prof. N.N. Pletikos) Instituta
malyarii, meditsinskoy parazitologii i gel'min'tologii po
zdravookhraneniyu SSSR (dir. - deystvitel'nyy chлен AMN SSSR prof.
P.G. Sergiyev) i knifedry obshchey i gospital'noy terapii na
gigienicheskogo fakul'teta (zav. - deystvitel'nyy chлен AMN prof.
Ye.M. Tareyev) i Moskovskogo ordena Leningrada universitetskogo
instituta imeni I.M. Sechenova.

(TRICHINOSIS, manifest.

acute, abdom. pain (Rus))

(ABDOMEN, dis.

acute pain in trichomosis (Rus))

OZERETSKOVSKAYA, N.N., IVANOVA, M.G., MIKHAYLOVA, G.E.

Result of treatment of trichinosis with ACTH and cortisone.
med. 22 no.9:111-119 S'88 (MEA 111)

1. Iz klinicheskogo sektora (zav. - prof. N.N. Plotnikov) Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdravookhraneniya SSSR (dir. deystvitel'n y chlen Akademii meditsinskih nauk SSSR prof. P.G. Serdiyev) i Leningradskoy infektsionnoy bolnicy imeni S.P. Botkina (glavnnyy vrach M.M. Figurina).

(TRICHINOSIS, ther.

ACTH & cortisone, alone & in combination (Rus))

(ACTH, ther. use

trichinosis, alone & with cortisone (Rus))

(CORTISONE, ther. use

trichinosis, alone & with ACTH (Rus))

OZERETSKOVSKAYA, N.N.

Steroid therapy in trichinosis; review of literature. Трехиноз
и паразитол. 27 no.6:710-716 N-D '58. (МИА...)

1. Iz klinicheskogo sektora Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdravookhraneniya SSSR (dir. instituta - prof. P.G. Sergiyev, zav. sektorem - prof. N.V. Plotnikov).

(STEROIDS, ther.use,
trichinosis, review (Rus))
(TRICHINOSIS, ther.
steroids, review (Rus))

OZERETSKOV SKAYA, N.N.

On the pathogenesis of visceral lesions in trichinosis. *Wladomosci parazyt.* 6 no.4:323-325'60.

1. Institut meditsinskoy parazitologii i tropicheskoy meditsiny,
Moskva, SSSR.
(TRICHINOSIS pathol)

PLOTNIKOV, N.N.; OZERETSKOVSKAYA, N.N.

Therapy of trichinosis with steroid hormone and its complications.
Wiadomosci parazyt. 6 no.4:342-344 '60.

1. Institut meditsinskoy parazitologii i tropicheskoy meditsiny,
Moskva, SSSR.

(TRICHINOSIS ther)
(ADRENAL CORTEX HORMONES toxicol)
(CORTICOTROPIN toxicol)

OZERETSKOV KAY A., . . . ; VIKHERT, A.V., (Moskva)

Systematic vasculitis in trichinosis. Klin.med. 38 no.3: 47-51. Moscow
(MIRA 16:7)

1. Iz klinicheskogo sektora (zav.-prof. N.Y. Plotnikov) Instituta
malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva
zdravookhraneniya SSSR (dir.-deystvitel'noy chlen AMN SSSR prof.
P.G. Sergiyev), kafedry obshchey i gospital'noy terapii sanitarno-
gigiyenicheskogo fakul'teta (zav.- deystvitel'nyy chlen AMN SSSR
prof. Ye.M. Tarevov) I Moskovskogo ordena Lenina meditsinskogo in-
stituta imeni I.M. Sechenova i laboratorii patologicheskoy anatomi-
deystvitel'noy chlena AMN SSSR prof. I.V. Davydovskogo.

(TRICHINA AND TRICHLINOSIS)
(BLOOD VESSELS--DISEASES)

"APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001238

OVERTOKOVSKAYA, N. I.

"Nekotorye voprosy otsenivaniya svedenii po obnaruzheniyu i izucheniiu
vzryvnykh sredstv."

Report of the Committee of the USSR Ministry of Defense on the study of

Mining and Explosive Materials.

APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001238

OZERETSKOVSKAYA, N.N.; FROL'KOV, A.Ye.; TIM L'VOVICH, N.I.

Pathogenesis of organic and systemic lesions in the brain.
Report No.1: The nature of trichinosis encephalitis and
meningoencephalitis; experimental research. M.:zavod. i
paraz.bol. 33 no.3:1971 My-Je '74. 8(4) 1974

I. Klinicheskiy otsek Instituta meditsinskoy biologii i radiobiologii
tropicheskoy meditsiny imeni M. V. Ordynskogo. Vserossiyskaya
zaravookhronicheskaya S. St., Moskva.

• 1974, 1975, 1976, 1977, 1978

• 1979, 1980, 1981, 1982, 1983
• 1984, 1985, 1986, 1987, 1988
• 1989, 1990, 1991, 1992, 1993
• 1994, 1995, 1996, 1997, 1998

• 1999, 2000, 2001, 2002, 2003
• 2004, 2005, 2006, 2007, 2008
• 2009, 2010, 2011, 2012, 2013
• 2014, 2015, 2016, 2017, 2018

PLOTNIKOV, N.N.; OZERETSKOVSKAYA, N.N.; ALEKSEYeva, M.I.; TURCHINS, M.Ye.;
VITERSKIY, Ya.D.; DYAKIN, V.M.; FROL'TSOVA, A.Ye.; TUMOL'SKAYA, N.I.

Use of tepal (thymol ester of palmitic acid) in echinococcosis
in man. Sov.med. 28 no.4:129-136 Ap '65. (MIRA 18:6)

1. Klinicheskiy otdel Instituta meditsinskoy parazitologii i
tropicheskoy meditsiny imeni Mar'sinovskogo Ministerstva
zdravookhraneniya SSSR, kafedra propedevtiki i terapii professional'-
nykh bolezney sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo
ordena Lenina meditsinskogo instituta imeni Sechenova i Kurganskaya
oblastnaya bol'nitsa.

CHAPTER VII.

the best 1 f 1000 mg. steroid. Effect of steroid
early in the course of the disease. Chills, fever, myalgia,
and headache subsides rapidly. Used parox. i. paraz. he.
(\times PA 1P 12)
100 mg. 1-2 times daily.

... Vojvodinu i Srbiju, a u drugim delovima Srbije, isto tako
da se prenesu na vlasti u Vojvodini i u drugim delovima Srbije
zadaci održavanja reda i mira, i da se uvede učenje lehentija
u srednjoškolskim učionicama. Međutim, u sklopu crkvene lenina medi-
čke škole u Novom Sadu, uvećanoj obraziteljici teritorijalne
četvrti.

PLOTNIKOV, N.N.; OZERETSKOVSKAYA, N.N.; KARNAUKHOV, V.K.; ZAL'NOVA, N.S.;
FAYBUSOVICH, G.P.; KUKHTA, G.I.; ALEKSEYEVA, M.I.

Specific therapy of opisthorchosis in man by means of hexachloro-
paraxylene; preliminary report. Med. paraz. i paraz. bol. 33 no.6:
676-681 N-D '64. (MIRA 18:6)

1. Klinicheskiy otdel Instituta meditsinskoy parazitologii i
tropicheskoy meditsiny imeni Martsinovskogo Ministerstva zdravo-
okhraneniya SSSR.

"APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001238

RECORDED INFORMATION, ETC.

PERIODIC RECORDS OF THE COMMUNIST PARTY OF CHINA
ORIGINATED IN CHINA AND SPREAD BY TELEGRAPH, AIR MAIL,
TELETYPE, AIR MAIL, TELEGRAM, AIR MAIL, TELETYPE, AIR MAIL,

APPROVED FOR RELEASE: Wednesday, June 21, 2000

CIA-RDP86-00513R001238

OZERETS'KOVSKAYA, N.Ye.

Excretion of tyrosine and its oxidation products with the urine of children during their first year of life. Vop.med.khim. 4:180-198 '52. (MIRA 11:4)

1. Otdel fiziologii i Khimiko-analiticheskaya laboratoriya TSentral'nogo nauchno-issledovatel'skogo pediatricheskogo instituta Ministerstva zdravookhraneniya RSFSR, Moskva.

(TYROSINE) (URINE--ANALYSIS AND PATHOLOGY)
(INFANTS)

DZERETSKOISKaya, N.E.

[Handwritten note: "DZERETSKOISKaya, N.E." with a checkmark]
oxidation of proteins and the metabolic products of some
of children one year old during childhood diseases. E. Wierzbicki,
E. Olszakowiczowa, Voprery Med. Khim. 6, 70-8 (1961);
Voprery Med. Khim. 6, No. 5 (1962).—The main
oxidative of tyrosine (I), p-aminobenzoic (II), phenoxypro-
pyric acid (III), and other partially oxidized products of
the metabolism of I was studied in 50 children (both healthy
and sick) of a young age. Healthy children, 10-18 months
old, do not excrete I, II, or III. When III is excreted up to
the end of the 1st year. During different illnesses (grippe,
colds, pneumonia, otitis) and also during convulsive
diseases the urine of children contains a maximum amt. of
I and its metabolic products and the products derived con-
siderably with the over-all conditions of the children and the
dynamics of the propagation of the illness. It seems that
in children below one year of age the processes of oxidation
of I and II are disturbed during illnesses (cf. Voprery Med.
Khim. 6, 70-8 (1961)).
E. Wierzbicki

OZARETSKOVSKAYA, Nina Fevron'yevna

State Sci Res Pediatric Inst of the Min of Health RSFSR,
Academic degree of Doctor of Medical Sciences, based on her defense,
6 April 1954, in the Council of the Department of Medico-Biological
Sciences, Acad Med Sci USSR, of her dissertation entitled: "On
Disturbance of Processes of Nitrogen Exchange in a Growing Organism
during albumin Deficiency."

Academic degree and/or title: Doctor of Sciences

SD: Decisions of Akad, List no. 15, 1 Jul 55, Byulleten' VVC SSSR, No. 15,
Aug 56, Moscow, pp 5-14, Uncl. JPRS/NY-537

OZERETSKOVA, N.Ye., doktor meditsinskikh nauk; CHERNIKOVA, A.P.,
kandidat meditsinskikh nauk

Adrenaline metabolism in children ill with dysentery. Vop. okh.mat.
i det. 1 no.4:56-62 Jl-Ag '56. (MLRA 9:9)

1. Is otdela infektsionnykh bolezney (sav. - prof. B.O.Shirvindt)
i biokhimicheskoy laboratorii Gosudarstvennogo nauchno-issledovatel's-
kogo pediatricheskogo instituta Ministerstva zdravookhraneniya
RSFSR (dir. V.N.Karachevtseva) Moskva.
(DYSENTERY) (ADRENALINE)

OZERETSKOVSKAYA, N.Ye., doktor med. nauk; ANANEKO, A.A., kand.med.nauk;
GRESHKOVICH, V.I., vrach; ZELENFTSKAYA, S.S., kand.med.nauk

Significance of some biochemical indices in the evaluation
of the nature of the course of rheumatic disease and its
activity. Vop. okh.mat. i det. 8 no. 2:17-22 (1971) (RUMA 167)

1. Iz biokhimicheskoy laboratorii i revmaticheskoy kliniki
Nauchno-issledovatel'skogo pediatricheskogo instituta (dir.
kand.med. nauk V.P.Spirina) Ministerstva zdravookhraneniya
RSFSR, Moskva.

(RHEUMATIC DISEASE)
(BLOOD—ANALYSIS AND CHEMISTRY)

7/19/1984 TTSVA, L.R., 2000-1238-1
BULGARIA

changed in the last year. All of the patients had a history of rheumatic disease, which developed during childhood or adolescence. Myalgia was present.

On examination, all patients had signs of peripheral neuropathy, particularly in the lower extremities.

RUBIN, B.A.; OZERETSKOVSKAYA, O.L.

Hexose monophosphate respiration pathway in potato tubers.
Izv. AN SSSR. Ser. biol. no.2:257-264 Mr-Apr '59. (MIRA 12:5)

1. Institute of Biochemistry, Academy of Sciences of the
U.S.S.R., Moscow.
(POTATOES--DISEASE AND PEST RESISTANCE) (HEXOSE PHOSPHATES)
(OXIDATION, PHYSIOLOGICAL)

KHANDOBINA, L.M.; OZERETSKOVSKAYA, O.L.

Oxidation processes in carrot roots infected with *Phoma*
Rostrupii. Biokhim. pl. i ovoshch. no.5:133-146 '59.
(MIRA 13:1)

1. Kafedra fiziologii rasteniy Moskovskogo gosudarstvennogo
universiteta imeni M.V.Lomonosova.
(Carrots--Diseases and pests)
(Oxidation, Physiological)

RUBIN, B.A.; OZERETSKOVSKAYA, O.L.

Apotomic oxidation in potato tubers infected with Phytophthora infestans. Dokl.AN SSSR 133 no.4:976-979 Ag '60.
(MIRA 13:?)

1. Institut biokhimii imeni A.N.Bakha Akademii nauk SSSR.
Predstavleno akademikom A.I. Oparinym.
(POTATO ROT) (OXIDATION, PHYSIOLOGICAL)

~~REF ID: A6512~~
S. V. KOROVIN, et al., L. F. DAVY, J. M. RILEY, C. L. COOPER
S. V. KOROVIN, L. F. DAVY

"The Biochemical Basis of the Interaction of the Host Plant and the
Parasite in the Potatoe-Phytophthora infestans System."

Report presented at the 11th International Biochemistry Congress,
Moscow, 10-16 Aug 1961

RUBIN, B.A.; OZERETS KOVSKAYA, O.L.

Direct oxidation of potatoes infected by Phytophthora. Biokhim.
pl.1 ovoshch. no.7:133-147 '62. (MIRA 16:1)

1. Institut biokhimii imeni A.N.Bakha AN SSSR.
(Potato rot) (Oxidation, Physiological)

RUBIN, B.A.; OZERETSKOVSKAYA, O.L.

Uncoupling of respiration and phosphorylation in necrotized
tissues of potato tubers. Biokhimiia 28 no.1:80-88 Ja-F '63.
(MIRA 16:4)

1. Institute of Biochemistry, Academy of Sciences of the
U.S.S.R., Moscow.

(PHOSPHORYLATION) (PLANTS—RESPIRATION)
(PLANTS, EFFECT OF TEMPERATURE ON)

OZERETSKOVSKIY, D.S.

Theory of the forms of schizophrenia. Slowly developing schizophrenia.
Zhur. nevr. i psikh. 61 no.6:775-880 '61. (MI. 15:2)

1. Kafedra psikiatrii (zav. - prof. D.S.Ozeretskovskiy) I Leninskogo meditsinskogo instituta imeni Pavlova
(SCHIZOPHRENIA)

OZERETSKOVSKIY, D. S. PROF

47189
USSR/Medicine - Hookworm Infection
Medicine - Diagnosis

Jan 1948

"Psychic disturbances during Ancylostomiasis,"
Prof. D. S. Ozeretskoyevskiy, Deputy, Chair Psychi-
atry, Azerbaijan State Med Inst, Azerbaijan
Sov Res Inst Malaria and Med Parasitol, 12 pp

"Paropat i Psichiatr" Vol IV, No 1

Psychic disturbances included in general picture
of asthenic conditions. Contemporary psychiatry
has tendency to isolate basic asthenic condition for
amebiasis. No well-defined symptoms for
psychic disturbances during ancylostomiasis. Single
symptom of anemia may be indication of pernicious
amebiasis.

47189

USSR/Medicine - Hookworm Infection (Contd) Jan 1948

amebiasis rather than ancylostomiasis. Submitted for
publication, 18 Feb 1947. Director of Azerbaijan
Scientific Research Institute of Malaria and Medi-
cal Parasitology: Prof P. P. Popov.

47189

OZERETSKOVSKIY, D.S.

[Obsessive states] Naviazchivye sostoianija. Moskva, Medgiz,
1950. 166 p. (MIRA 14:7)
(OBSESSIONS)

OZERETSKOVSKIY, D.S.

IU.V.Kannabikh; on the 15th anniversary of his death. Zhur.
(MLRA 7:6)
nevр. 1 psikh. 54 no.5:375-379 My '54.
(KANNABIKH, IURII VLADIMIROVICH, 1872-1939)

OZERETSKOVSKIY, D.S.

Slow forms of schizophrenia. Zhur. nevr. i psich 59 no.5:556-562
150 (MIRA 12:7)

1. Kafedra psichiatrii (zav. - prof. D.S. Ozeretskoyevskiy) 1-go
Leningradskogo meditsinskogo instituta imeni I.P. Pavlova.
(SCHIZOPHRENIA.
slow forms (Rus))

OZERETSKOVSKIY, D.S. (Leningrad)

Some materials on the history of the study on the marginal forms of mental diseases. Trudy 1-go MK 34:234-241 '64.
(MIA 18:1)

3 39444-65 EED(b)-3/EFP(n).2/EWT(1) Pu-4 IJP(c) MM

ACCESSION NR: AP5006050

8/0139/65/000/001/0039/0041

19

18

B

AUTHOR: Nesis, Ye. I.; Ozeretskovskiy, G. A.

TITLE: Volume pulsations of vapor bubbles in a liquid

SOURCE: IVUZ. Fizika, no. 1, 1965, 39-41

TOPIC TAGS: sound generation, bubble formation, vapor bubble

ABSTRACT: Earlier studies of the generation of sound by pulsating gas bubbles in superheated liquids were based on the assumption that the bubbles do not contain any vapor of the liquid at all, and that the gas is absolutely insoluble. Since this is a highly idealized assumption, the authors consider the case of bubbles of pure vapor, under the assumption that the bubble is in mechanical and thermodynamic equilibrium with the liquid and that the equilibrium is disturbed by an external factor. The equation of motion of the bubble is written in the generalized form $m d^2v/dt = - \Delta P$ (m -- mass, v -- velocity, ΔP -- difference between external and internal pressures on the bubble surface). When allowance is made for the thermodynamic properties of the vapor (regarded as an ideal gas), the final differential equation for the bubble growth takes the form

Card 1/2

OZERETSKOVSKIY, I. N.

USER/Chemistry - Catalysts

JAN 52

"Problem of the ~~paramagnetic~~ magnetic State of Catalytically Active Iron Layers (Errors in S. L. Kiperman and M. I. Temkin's Article 'Investigation of the Magnetic Properties of Iron-Carbon Catalysts'),"
V. D. Ivodkov, I. N. Ozeretskovsky, N. I. Kobosov, Moscow State U inmail M. V. Lomonosov

"Zhur Fiz Khim" Vol XVI, No 1, pp 135-144

Sufficiently all layers of Fe on carbon are completely paramagnetic, i.e., the Fe is atomic rather than cryst. Catalytic activity of ~~samples~~

21154

Fe catalysts, etc., is due to atomic "ense ~~disse~~ - 1as" rather than Fe or any other element in the cryst state. There is a sharply lowered ferromagnetism in comparison with ordinary iron even in highly oxidized Fe layers on carbon. Diln of the Fe adhesion layer on carbon leads to a strong increase of paramagnetism due to Fe atoms. The same phenomenon was observed with adsorbed Ni(PO₃)₂. Increases of magnetic susceptibility and ferromagnetism in the samples after oxidation were observed.

U.S. ECONOMIC INTELLIGENCE

USSR/Chemistry - Iron-Carbon Catalysts

May 1962

"Concerning the Magnetic Properties and Structure of Iron-Carbon Catalysts,"
M.I. Temkin and S.L. Kiperman

Zhur Fiz Khim, Vol 37, No 5, pp 752-760

The authors object to criticism the theory of active "ensembles" set forth by V. B. Yevdokimov, I. N. Ozeretskovskiy and N. I. Kobozev. They state that the work of Kobozev et al actually confirms their own conclusion, to wit, the Fe on C is found in the form of small crystals which are spontaneously magnetized under the influence of the molecular field. The authors reject the assertion of Kobozev et al that the Fe on C is found in an atomic, non-crystalline state.