

ZRELOV,

001/1-01-001

Authors: Zarey, B. V., Yezrov, I. V., Zrel'ov, V. I.,  
Kocheryzov, M. G., Kuchin, I. I.

Title: Some properties of the process of production of charged  
ions on carbon by protons with the energy 670 MeV (O neko-  
torkh svoystvov proizvodstva zaryadnykh ionov na ugle-  
rodovoye yadrye pri energii protonov 670 MeV)

Reference: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1966,  
vol. 1, No. 6, pp 1357-1366 (1966)

ABSTRACT: The experiments carried out in this paper were carried out  
with the six-meter synchrocyclotron of the USSR Academy of Sci-  
ences in order to investigate the production of charged  
ions on carbon by protons with ~670 MeV. The angular spectra  
of the positive and negative pions were measured with a  
magnetic spectrometer which is described in a detailed manner.  
The procedure of the measurements is discussed. A table  
gives the values of  $d^2\sigma^+/d\omega dE$  and  $d^2\sigma^-/d\omega dE$  in the labora-  
tory system. The spectra of the positive and negative pions

Card 1/2

507,56-24-6-1/51

# On Some Properties of the Process of Production of Charged Pions on Carbon by Protons with the Energy 670 MeV

... maximum near  $\sim 110$  MeV. The medium energy of the positive and negative pions, respectively, is  $\sim 156$  and  $\sim 126$  MeV. Then the corresponding values are given for the center of gravity system. The interaction of a pion with a nucleon in the state  $l = j = 5/2$  plays an essential role in the production of the majority of the positive pions in the nucleon-nucleon interaction. The observed spectra of the positive and negative mesons have a long "tail" which is directed towards the high energy side. The spectra of the positive and negative mesons were obtained until energies of nearly 400 MeV. In the center of gravity system, the differential cross sections of the production of positive and negative mesons depend little on the angle between the produced pions and the proton beam. In this angle decreases from  $\sim 20^\circ$  to  $\sim 10^\circ$  the ratio of the differential cross sections of the production of positive pions to the production of negative mesons and on free cross sections decrease from  $\sim 0,8$  to  $\sim 0,5$ . The differential cross sections of the production of positive and negative mesons amount to  $(1,1 \pm 0,8) \cdot 10^{-7}$  and  $(1,0 \pm 0,1) \cdot 10^{-7}$  sterad. According to the measured ratio of the + and - yields the inelastic collisions in the state with  $T = 0$  play an

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On Some Properties of the Process of Production of Charged Ions on Carbon  
by Protons with the Energy 670 MeV

NOV 56-34-0-1/51

important rôle. The authors thank A. S. Kuznetsov for his participation in the construction of the electronic apparatus. There are 3 figures, 3 tables, and 14 references, 7 of which are Soviet.

ASSOCIATION: Ob'yedinennyy institut yadernykh issledovaniy  
(United Institute of Nuclear Research)

SUBMITTED: January 6, 1959

Card 5/3

FILIPPOV, A.T.; ZRELOVA, N.N., tekhn. red.

[Removal of divergences in quasi-potential equations]  
Ob ustraneni raskhodimostei v kvazipotentsial'nykh  
uravneniakh. Dubna, Ob"edinennyi in-t iadernykh is-  
sledovani, 1963. 5 p. (MIRA 17:1)

BRAGINSKIY, M.A., inzh.; METS, M.M., inzh.; GURNOVICH, A.V., inzh.; ZHEZARTSEV,  
N.P., inzh.; AMLINSKIY, L.Z., inzh.

Modernization of the FM-3 machine for area measurements. Nauch.-  
issl.trudy Ukr NIIKP no.13:77-88. '62.

(MIRA 18:2)

BELONOZHKO, Mikhail Arsen'yevich [Bilonozhko, M.A.]; LEMIK, Fodor  
Lukich [Lesyk, F.L.]. Prinyimani uchastiye: ZRIBNYAK, L.Ya.,  
kand. ekonom. nauk; LUK'YANOV, V.O., kand. ekonom. nauk;  
CHMIR, R.D. [Chmyr, R.D.], red.; GORBUNOVA, N.M. [Hortunova,  
N.M.], tekhn. red.

[Plant growing; manual for secondary schools] Roslynnytstvo;  
pidruchnyk dlia seredn'oi shkoly. Vyd.2., perer. Kyiv, Ra-  
dians'ka shkola, 1961. 202 p. (MIRA 15:7)  
(Ukraine--Field crops)  
(Ukraine--Pastures and meadows)

KOVAC, Teodor, dr.; ZRILIC, Jovanka, dr.

Prepoznala cataract as a possible manifestation of latent diabetes.  
Liječni. vješt. 87 no. 8: 847-852 Ag '68.

1. Iz Klinike za interne bolesti i Klinike za opće bolesti  
Kliničke bolnice u Novom Sadu.

ZRINSZKY, Laszlo

"Cognition" by Dr. Karoly Akos. Reviewed by Laszlo Zrinszky  
Elet tud 17 no.32:1006 12 Ag '62.



ZENA, Tomas, inz.

Cold pressure butt welding. El tech obzor 52 no.8:412-418 Ag  
'63.

1. Vyskumny ustav svarovacich stroju a technologie svarovani,  
Praha.

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CIA-RDP86-00513R002065510016-5  
CIA-RDP86-00513R002065510016-5"

**ZRODLOWSKI, Bernard**

**Mineral accretions. Rudy i metale 8 no.7:263-266 Ja 063.**

ZRUBEC, P.

Pain in diseases of the auricle and external auditory canal.  
Cesk. otolaryng. 12 no.5:274-276 0 '63.

1. Otolaryngologicke oddelenie OUNZ v Roznave, veduci MUDr.  
P. Zrubic.

(EAR, EXTERNAL) (PAIN) (EAR CANAL)  
(OTORHINOLARYNGOLOGY)

ZRUNEK, M., inz.

Surface treatment of steel constructions. Strojirenstvi 13 no. 7:  
512-515 JI '69.

1. Vitkovicke zelezarny Klementa Gottwalda, Vitkovice.

VOJTISEK, V.; SEDLAK, J.; HATALA, M.; ZRUSTOVA, M.; KRAUS, R.

Contribution to the problem of cholangitis. *Čas. lek. česk* 100 no. 24/25:  
792-797 23 My '61.

1. Chirurgická klinika LFH KU v Praze, přednosta prof. dr. E. Polak.  
Katedra mikrobiologie LFH KU v Praze, přednosta prof. dr. J. Sedlak.  
Ustav pro patologickou anatomii LFH KU v Praze, přednosta doc. dr.  
J. Stolz. Embryologický ustav KU v Praze, přednosta prof. dr. Zdr.  
Frankenberger.

(CHOLANGITIS surg)

**ARTYUNYAN, N.S., inzh.; ZHYADNIY, S.G., inzh.**

**Experience of the Zaporozh'ye Oil and Fat Combine in reducing the  
consumption of benzene. Masl.-zhir. pron. 24 no.9:41-42 '58.  
(Zaporozh'ye--Oil industries--Equipment and supplies) (MIRA 11:10)**

ZBYAKOVSKIY, Matselev-Sergeyevich; MAKAROV, Nikolay Nikolayevich; KUMCES, S.N.,  
red.; VILENISKAYA, E.M., tekhn.red.

[Secret of Yakut diamonds] Taina iakutskikh almanov. Moskva, Gos.  
izd-vo geogr. lit-ry, 1958. 108 p. (MIRA 11:5)  
(Yakutia--Diamonds)





ZRNA, Antonin, diplomovany technik

What are the prospects of small aircraft? Letecký obzor 8  
no.9:280 S '64.

ZRNA, Tomas, inz.

Resistance butt welding of concrete steel by melting away.  
Inz stavby 10 no.11:416-421 N '62.

1. Vyzkumny ustav svarovacich stroju a technologie svarovani.

ZRNA, T.

Upsetting machines with electric-resistance heating; examples of their use in machinery industry. p. 16.

ZVARANIE. (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarstva) Bratislava, Czechoslovakia, Vol. 8, No. 1, Jan. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959  
UNCL

ZERNIC, N.

"Contribution to the Calculation of Rib Structure of River Vessels."  
p. 17. (ZBORNIK, 1952/53. Beograd, Yugoslavia.)

SO: Monthly List of East European Accessions, (EMAL). LC,  
Vol 4, No. 5, May 1955, Uncl.

H. ZRNIC

"Effects of Frame Beams in the Construction of the Bottom of a River Boat"  
p. 97" (ZBORNIK RANČVA, Vol. 24, No. 4, 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11,  
Nov. 1953, Uncl.

ZRNIC, Nenad, dr inz.

Postgraduate third-stage studies at the Faculty of Mechanical  
Engineering, University of Belgrade. Tehnika Jug 18 no.6:Suppl.:  
Masinstvo 12 no.6:1092-1094, Jo '63.

ZERNIC, V.

"The optimum tonnage capacity of barges." p. 37. (ZBORNIK RADOVA, Vol. 12, no. 3, 1951,  
Beograd.)

SC: Monthly List of East European Accessions, Vol. 2, #3, Library of Congress,  
August, 1953, Uncl.

N. ZRNIC

"Determining the Bending Moment of a River Boat. p.15" (ZBORNIK RADOVA,  
Vol. 24, No. 4, 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11,  
Nov. 1953, Uncl.



N. ZRNIC

"Effects of Frame Beams in the Construction of the Bottom of River Boats.  
p. 29. (BULLETIN, Vol. 9, No. 3, 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, L.C., Vol. 2, NO. 11,  
Nov. 1953, Uncl.

N. ZERNIC

"Determining the Bending Moment of a River Boat. p. 31. (BULETENI, Vol. 9,  
No. 3, 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11  
Nov. 1953, Uncl.

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510016-5"  
ZRNIC, Nenad, dr. ing. (Beograd, 23 Novembre 66)

Elaboration of technical regulations for dimensioning the structural elements of river boats. Brodarstvo h no. 10:39: 393 Ju-Mr '61.

ZRNIC, Sloboda, inz. (Beograd, Senjacka 33)

Organization of specialized services and technical education  
of the cadres in industries. Tehnika Jug 17 no.8:Suppl.:  
Masinstvo 11 no.8:1520-1526 Ag '62.

ZRNIC, Vladimir, inz., saradnik (Beograd, Maksima Gorkog 9)

Pneumatic mail delivery. Tehnika Jug 18 no.11:Organizacija rada  
13 no.11:2157-2160 N '63.

1. Institut za automatiku i telekomunikacije "Mihailo Pupin",  
Beograd.

ZRNIC, Vladimir, inz., saradnik (Beograd, Maksima Gorkog 9)

Pneumatic mail delivery. Tehnika Jug 18 no.11:Suppl:Organizacija  
rada 13 no.11:2157-2160 N '63.

1. Institut za automatiku i telekomunikacije "Mihailo Pupin",  
Beograd.

GRUBSK, A.

The problems of nonstate forests at the conference of Foresters of Ldz Voivodship. p. 8.

IAS POLSKI. (Ministerstwo Leśnictwa oraz Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Leśnictwa i Przemysłu) Warszawa, Poland.  
Vol. 32, no. 13, Sept. 1953.

Monthly list of East European Accessions (UNAI) IC, Vol. 9, no. 2, Feb. 1960

Uncl.

FENIGSEN, R.; ZROBKOWA, K.

Unilateral collateral circulation as a sign of aortic arch stenosis.  
Kardiol. Pol. 5 no.1:19-25 '62.

1. Z II Kliniki Choroób Wewnetrznych AM Kierownik: prof. dr J. Jakubowski  
z Zakladu Radiologii AM Kierownik: doc. dr L. Mazurek i z Poradni Choroób  
Krazenia w Lodzi Kierownik: dr R. Fenigsen.  
(AORTIC COARCTATION)



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CIA-RDP86-00513R002065510016-5  
CIA-RDP86-00513R002065510016-5"

KUZNETSOV, N.V., doktor tekhn.nauk; ZRODNIKOV, S.Ye., inzh.

Seminar on new methods of removing ash deposits from heating sur-  
faces. Teploenergetika 7 no. 12:90-91 D '60. (MIRA 14:1)  
(Boilers--Cleaning)

ZRONZON, M.A. (Engr.)

"Universal Cams for 1124-1136 Automatic Lathes."

report presented at the 13th Scientific Technical Conference of the Kuybyshev  
Aviation Institute, March 1959.

GLUSHKO, V.V., inzh.; KAREV, A.P., inzh.; ZROZHEVSKIY, I.N., inzh.;  
GERTSENSHTEYN, D.I., inzh.

Protection of the insulation of electrical networks in mines.  
Prom.energ. 18 no.1:13-17 Ja '63. (MIRA 16:4)  
(Electricity in mining)

BOTEK, F.; techn. spolupracu ZRUBAK, M.

Contribution to the problem of the ventilation of electrolysis halls  
in aluminum plants. Prac. lek. 14 no.7:325-331 8 '62.

1. Ustav hygieny prace a chorob z povolania v Bratislave, riaditel

MUDr. I. Klucik.

(VENTILATION)

(INDUSTRIAL MEDICINE)

(ALUMINUM)

SUSTER, M., prof. dr., DrSc.; ČSARIK, A.; HAVRILA, L.; KOVAL, J.;  
DEM KOV, J.; JABLONICKY S.; STOLINA, J.; SVATY, I.; VRZAL, J.;  
ZRUBEC, P.

Incidence of scleroma in eastern Slovakia. Cesk. otolaryng. 14  
no.1:10-13 F'65.

1. Otorinolaryngologická klinika Lekárskej fakulty Univerzity P.J.  
Safarika v Kosiciach (prednosta: prof. dr. M. Suster, DrSc.)  
a ORL oddelenia Obvodného ústavu národného zdravia, Prešov, Košice,  
Humenne, Spišská Nová Ves, Michalovce, Poprad a Rožnava.

ZRUBEK, Henryk; ZYCH, Mieczyslaw

Uterine bleeding in the light of the histological picture of the endometrium. Pol. tyg. lek. 17 no.1:18-21 1 Ja '62.

1. Z II Kliniki Położnictwa i Chorob Kobięcych AM w Lublinie;  
kierownik: prof. dr med. J. Tynecki.  
(UTERINE HEMORRHAGE pathol) (BIOPSY)

TYNECKI, Jozef; prof. dr. med.; ZRUBSKI, Henryk

Practical value of a wax ring for the conservative treatment of  
uterine prolapse in aged women. Pol. tyg. lek. 20 no.13:470-473  
29 Mr '65.

1. Z II Kliniki Poleznictwa i Chorob Kobiacych Akademii Medycznej  
w Lublinie (Kierownik: prof. dr. med. Jozef Tynecki).

ZRUBEK, Henryk; TYNECKI, Jozef

On the problem of practical significance of cervical mucus  
crystallization test. Polski tygod.lsk. 15 no.7:257-260 15  
F '60.

1. Z II Kliniki Chorob Kobietych i Po'osnictwa A.M. w Lublinie;  
kierownik: doc.dr.med. J. Tynecki  
(VAGINAL SMEARS)



TYNECKI, Jozef; BOCZKOWSKI, Zbigniew; ZRUBEK, Henryk; DORACZINSKI,  
Hieronim; CHOMA, Marian; ROBAK, Krzysztof

Chromatographic pattern of free amino acids in the human  
semen. Pol. tyg. lek. 20 no.19:676-679 10 My '65.

1. Z II Kliniki Poloznictwa i Chorob Kobietych AM w Lublinie  
(Kierownik: prof. dr. med. Jozef Tynecki).

TYNECKI, Jozef; ZRUBEK, Henryk; BOCZKOWSKI, Zbigniew; DORACZINSKI, Hieronim;  
CHOMA, Marian; ROBAK, Krzysztof

Investigations on the content of deoxyribonucleic acid in human  
semen. Pol. tyg. lek. 20 no.20:716-718 17 My '65.

1. Z II Kliniki Poloznictwa i Chorob Kobiecych AM w Lublinie  
(Kierownik: prof. dr. med. Jozef Tynecki).

TYNECKI, Jozef; SCIBIOR-JABLONSKA, Jadwiga; ZRUBEK, Henryk

Blood serum content of extrahemoglobin iron, hemoglobin and total proteins in women during labor and its effect on the efficiency of labor. Pol. tyg. lek. 20 no.30:1107-1108  
26 J1 '65.

1. Z II Kliniki Poloznictwa i Chorob Kobietych AM w Lublinie  
(Kierownik: prof. dr. med. Jozef Tynecki).

ZRUNCHEV, I.

"On the defects of enamel production in using bichromate trioxides as a colorant.

"Successes and development of the Soviet rubber industry."

IEKA PROMISHLENOST, Sofia, Bulgaria, Vol. 3, No. 4, 1959

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress,  
Vol. 3, No. 8, August, 1959

Unclassified

A L 4533-66 EHA(j)/EHA(b)-2 JK

ACCESSION NR: APS023707

CZ/0077/65/000/009/0390/0394

24  
35

AUTHOR: Carvas, J. (Doctor of veterinary medicine, Candidate of sciences)(Brno)<sup>44</sup>  
Zrunek, A. (Doctor of veterinary medicine), Forster, M.J.<sup>44</sup>(Doctor of medicine)(Hodonin);  
Matousek, Z. (Doctor of veterinary medicine), Jottalov.<sup>44</sup>

TITLE: Some information on the epizootology of hog cholera, <sup>b. 11</sup> Aujeszky's disease,  
and listeriosis in the Hodonin District

SOURCE: Veterinarstvi, no. 9, 1965, 390-394

TOPIC TAGS: animal disease, disease incidence, virus disease, infective disease

ABSTRACT: A timely and correct diagnosis still remains a problem in the dangerous viral diseases of swine, particularly in cases of hog cholera and Aujeszky's disease. The present report describes an atypical case of hog cholera, in the form of a sporadic outbreak, which occurred in a district with a limited animal population. The authors describe the course of the disease, the investigation and the results of the laboratory tests. The authors also mention the fact that the outbreak was among the wild rabbits in the vicinity of the struck district. In view of the occurrence of the above mentioned epidemic of hog cholera, the following ought to be kept in mind: in

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ACCESSION NR: AP5023707

in addition to the typical symptoms of convulsions and uncoordinated walking of the swine, there were additional symptoms of unusual lifting of the forelegs, aggressive behavior of the sows, opisthotonus, and swimming motions while lying on their sides. Thus, any disease characterized by disturbances of the central nervous system, and associated with a high percentage of infectious paratuberculosis should always be investigated for the presence of listeriosis. Likewise, in cases of abortion, listeriosis should be suspected more frequently. For prophylaxis, in affected districts, lapinized vaccine can be used without fear of complications among all animals. (orig. art. has: 4 figures.)

ASSOCIATION: none


SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NO REF SOV: 000

OTHER: 009

  
Card 2/2

ZRUSTEK, V.: WEISS, J.

"Lithology of the Devonian in Hranice"

Sbornik. Oddíl geologický. Praha, Czechoslovakia. Vol. 24, no. 1, 1957 (published 1958)

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

**ZRUSTEK, Vaclav**

A new information on the Zabreh series, culm measures and younger geological formations between Mestecko Trnavka and Moravska Trebova. Prir cas slezsky 23 no.2:233-248 '62.



CZECHOSLOVAKIA / Cosmochemistry, Geochemistry, Hydrochemistry. D

Abs Jour : Ref Zhur - Khim., No 17, 1958, No 57067

Author : Zrustek, V.

Inst : Not given

Title : Contribution to the Problem of Paragenesis and Petrography of Mining Veins in Hodrus.

Orig Pub : Geol. prace. SAV, 1957, No. 47, 157-194

Abstract : A study was made of five mining veins, intersecting mainly Upper Tertiary volcanic rocks (granodiorites, andesites, dacites), in the region of old silver mines close to the village Hodrus (Shtiavnitsky mining mountains). The veins were formed through pulsating activity of hydrothermal solutions. The order of separation of minerals is the following: calcite-pyrite-quartz I (beginning of crystallization) - sphalerite-chalcopryrite-galenite-bournonite-quartz II (end of

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PODHRADSKÝ, Jan, MU Dr; ZBŮSTOVÁ, Hana, MU Dr.

Czechoslovakia

Surgical Ward of the Hospital attached to the Poly-  
clinic -- Turnov (Chirurgické oddělení nemocnice  
s poliklinikou -- Turnov); Chief: A. PAVLIČEK, Dr;  
Oncological Ward OUNZ -- Liberec (Onkologické  
oddělení OUNZ -- Liberec); Chief: A. PALDUS, Dr.  
- (for all)

Prague, Praktický lékař, No 23, 1962, p. 987

"Exchange of Sarcoma of the Soft Parts of Lower  
Extremities for Thrombophlebitis."

**VLASAK, M.; ZRUSTOVA, M.**

Coincidence of toxic adenoma of the thyroid gland and lymphosarcoma.  
Rozhl. chir. 40 no.5:332-337 '61.

1. Chirurgická klinika LFH KU, prednosta prof. dr. E. Polak  
Patologickoanatomický ústav LFH KU, prednosta doc. dr. J. Stolz.

(THYROID GLAND neoplasms) (ADENOMA compl.)  
(LYMPHOSARCOMA compl.)

VOJTISEK, V.; ZRUSTOVA, M.

Gastric hemorrhage as a late complication of pancreaticocystogastrostomy.  
Cas.lek.cesk 100 no.13:412-416 31 Mr '61.

1. Chirurgická klinika lékařské fakulty hygienické v Praze, přednosta  
prof. dr. E. Polak. Patologickoanatomický ústav lékařské fakulty  
hygienické v Praze, přednosta doc. dr. J. Stola.

(PANCREAS surg) (CYSTS surg) (GASTRECTOMY)  
(HEMORRHAGE, GASTROINTESTINAL etiol)

**POIAK, E.; ZRUSTOVA, M.**

Contribution to surgical management of tumors of the sternum, Rozhl.  
chir. 38 no.12:823-827 D '59

1. Chirurgická klinika, přednosta prof. dr. E. Polak a patologicko-  
anatomický ústav lek. fak. hygienické v Praze 12, přednosta doc.  
dr. J. Stolz.

(STERNUM, neopl.)

KAFKA, V.; ZRUSTOVA, M.

Interrelations between carcinoma of the breast and ovary. *Česk. gynek.*  
27 no.9:669-672 N '62.

1. Gyn.-por. klin. lek. fak. hyg. KU v Praze, predn. doc. dr. J. Padovec  
Pat.-anat. ustav lek. fak. hyg. KU v Praze, predn. doc. dr. J. Stolz.  
(BREAST NEOPLASMS) (OVARIAN NEOPLASMS)

TOSOVSKA, Z.; ZHUSTOVA, M.

Ovarian seminoma in a 12-year-old girl. Cesk. gyn. 24[38] no.6:  
477-478 July 1959

1. (Por.-gyn. kl. prednosta doc. dr. J. Padovac - Patol. ustav FN  
v Praze XII, prednosta doc. dr. J. Stola.  
(DISGERMINOMA, in inf. & childhood)  
(OVARY, neoplasms)

ZRUSTOVA, M.; KRAUS, R.; ve spolupraci s doc. dr. VOJTISKEM, V.

About the question of microscopical changes in liver biopsies from patients with diseases of the gallbladder and of the bile ducts.  
Acta univ. carol. [med.] 7 no.5:681-693 '61.

1. Ustav patologicke anatomie lekarske fakulty hygienicke University Karlovy v Praze, vedouci doc. MUDr. J. Stolz Embryologicky ustav fakulty vseobecneho lekarstvi University Karlovy, vedouci prof. MUDr. Z. Frankengerger.

(LIVER pathol) (BILIARY TRACT diseases)



CHLUMSKY, J.; HYNČIK, VĽ.; ZRUSTOVÁ, M.

On the problem of primary biliary liver lesions. Česk. gastroent. 16  
no.2:92-99 Mr '62.

1. I. klinika nemoci vnitřních, předn. prof. MUDr. Vratislav Jonas, DrSc.  
Ústav patologické anatomie a histologie FCH KV v Praze 10, předn. doc.  
MUDr. J. Stolz.

(LIVER DISEASES) (BILIARY TRACT)

ROSTLAPIL, J.; ZRUSTOVA, M.

Hepatic changes in Kimmelstiel-Wilson syndrome. Cenk. gastroent.  
16 no.2:100-105 Mr '62.

1. II. interni klinika LFH KU v Praze, prednosta prof. dr. J.Syllaba  
Ustav patologicke anatomie a histologie FLH KU v Praze, prednosta doc.  
dr. J. Stolz.  
(KIMMELSTIEL WILSON SYNDROME) (LIVER DISEASES)

JANELE, J.; LOCHAR, M.; MUSIL, J.; ZRUSTOVA, M.

Cryoglobulinemia. Cas. Lek. Cesk. 101 no.16/17:538-542 27 Ap '62.

1. Hematologicke oddeleni LFH KU v Praze, prednosta MUDr. J. Janele,  
II interni klinika LFH KU v Praze, prednosta prof. dr. J. Syllaba,  
oddeleni klinicke biochemie fakulni nemocnice v Praze 10, prednosta  
MUDr. RNDr. J. Oplit, patologickoanatomicky ustav LFH KU v Praze, pred-  
nosta doc. dr. J. Stolz.

(SERUM GLOBULIN)

HOUBAY, Jan, Dr.; ERUSTOVA, Miroslava, Dr.

Placenta accreta as a cause of spontaneous rupture of the uterus.  
Sech. gyn. 22[36] no. 0141-422 sept 57.

1. Gynecologic-prenatal clinic doc. Dr J. Pávek a kol.  
pathologic anatomy doc. Dr J. Stolze, fakultni nemocnice v Praze a.s.

(PLACENTA

accreta, causing spontaneous rupt. of uterus (32.)  
(USING, rupt.

accreta, caused by placenta accreta (102)

ZRUSTOVA, M.; ROSTLAPIL, J.

Evaluation of the results of liver biopsy and necropsy. Cas.  
lek. cesk. 103 no.41:1126-1131 9 0 '64.

1. Patologickoanatomicky ustav lekarske fakulty hygienicke  
Karlovy University v Praze (prednosta dr. J. Stola) a II  
interni klinika lekarske fakulty hygienicke Karlovy Univer-  
sity v Praze (prednosta prof. dr. J. Syllaba, DrSc.).

**ZRUSTOVA, O.; VYSKOCHIL, Ya.**

Spontaneous cure of metastases in breast cancer. Vest. rent. 1 rad.  
31 no.5:82-84 S-O '56. (MLHA 10:1)

1. Iz onkologicheskogo otdeleniya Krayevogo instituta zdravookhraneniya v Libertse.

(BREAST NEOPLASMS,

metastases, multiple, of bones spontaneous cure after palliative ther.)

(BONES, neoplasms

metastatic from breast cancer, spontaneous cure after palliative ther.)

ZHUSTOVA, Ol'ga; VYSKOCIL, Jaroslav

Signs of spontaneous cure of metastases in cancer of the breast.  
Cesk. onkol. 3 no.2:121-127 1956.

1. Onkolog. otdelenie Kraevogo inst. adravookhransnya v  
Libertse.

(BREAST NEOPLASMS,  
metastases to various organs, spontaneous cure (Rus))

ZRVNAR, Mihajlo, inz.; ELCIC, Zvonko, inz.

High-speed turbopumps in the single-block construction. Energija Hrv  
10 no.11/12:370-374 '61

1. Jugoturbina, Karlovac.



KURSKIY, M.D. [Kurs'kyi, M.D.]; ZRYAKOV, O.N. [Zriakov, O.M.]

Effect of serotonin on the free nucleotide content in the brain  
tissue of rabbits. Ukr. biokhim. zhur. 36 no. 5:679-684, 1964.  
(MIRA 18:6)

1. Institut biokhimi AN UkrSSR, Kiyev.



MAKAROV, Nikolay Nikolayevich; ZRYAKOVSKIY, Matislav Sergeyevich

[On the wide open spaces of Buryat Mongolia] Na prantorakh  
Buriatii. Moskva, Sovetskaya Rossiya, 1959. 238 p. (MIRA 13:8)

(Buryat-Mongolia)

ZRZAVY, J.

New method of preparing casts of brain ventricles. *Neur. & psychiat.cesk.* 13 no.4:196-200 Oct 50. (CML 20:5)

1. Of the Anatomical Institute of the Medical Faculty of Charles University Branch in Hradec Kralove.

ZRZAVY, J.

Unilateral renal agenesis combined with left caudal vena cava. Sborn.  
lek. 52 no.10:389-404 50. (GIML 20:7)

1. Of the Institute of Anatomy of the Medical Faculty of Charles  
University in Prague and Branch in Hradec Kralove.

MOJZER, Miklos, muzeologus; MAAR, Gyula, ujsagiro; ZSADANYI, Rte

Notes. Munka 10 no5:28 My '60.

1. Sajto-, Dokumentacios Kozpont munkatarsa (for Zsadanyni)

REV, Tiborne; ZSADANYI, Ede; MAAR, Gyula, ujsagiro

Notes on cultural life. Munka 10 no.6:28 Je '60.

1. Szakszervezetek Országos Tanácsa kulturális osztályának munkatársa (for Rev).
2. Sajtó- és Dokumentációs Központ munkatársa (for Zsadanyi).

REV, Tiborne; MOCSARI, Erika; ZSADANYI, Ede; SIPOS, Imre

Cultural notes. Munka 9 no.1:26-27 Ja '59.

1. Szakszervezetek Orszagos Tanacsa kulturális osztalyanak munkatarsa (for Rev).
2. "Nepszava" munkatarsa (for Mocsari).
3. Sajtodokumentacios Kozpont munkatarsa (for Zsadanyi).
4. Kozlekedesi Dolgozok Szakszervezetenek osztalyvenatoje (for Sipos).



ZSADANYI, Ede

Significant anniversaries in March. Munka 10 no.2:27 F '60.

1. Sajto Dokumentacios Kozpont munkatarsa.

SIPOS, Imre; ZSADANYI, Ede

Cultural notes. Munka 9 no.2:26-27 F '59.

1. Közlekedési Szakszervezet kulturális osztályának vezetője (for Sipos).
2. Sajtódokumentációs Központ munkatársa (for Zsadanyi).

ZSADANYI, Ede

Significant anniversaries in April. Munka 9 no.3:31 Mr '59.

1. Sajto Dokumentacios Kozpont munkatarsa.

SIPOS, Imre; ZSADANYI, Ede

Cultural notes. Munka 9 no. 2:26-27 F '59.

1. Közlekedési Szakszervezet Kulturális osztályának vezetője (for Sipos)
2. Sajtódokumentációs Központ munkatársa (for Zsadanyi).

ZSADANYI, Ede

Calendar of events. Munka 10 no.1:27 Ja '60.

1. Sajto, Dokumentacios Kozpont munkatarsa.

ZSADANYI E.

The number of cities with a population over a million has increased from 45 to 78. p. 307. TERMEZET ES TARSADALOM. (Társadalom- és Természettudományi Ismeretterjesztő Vallalat) Budapest. Vol. 114, no. 5, May 1955. From Lenin's legacy; Lenin's guidance for workers in cultural propoganda work. p. 257.

SOURCE: East European Accessions List (EEAL), Library of Congress  
Vol. 5, no. 6, June 1956

ZSADANYI, Ede

Significant anniversaries in April. Munka 10 no.3:27 Mr '60.

1. Sajto Dokumentacios Kozpont munkatarsa.

ZSADANYI, G.

Suggestions relative to development of transportation in Zurich. p. 139.  
KOZLEKEDÉSTUDOMÁNYI SZEMLE. (Közlekedési Kiado) Budapest. Vol. 6, no. 4,  
Apr. 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress  
Vol. 5, no. 8, August 1956



ZSADANYI, G. - Satisfaction given in city planning to the space requirements  
for parked cars. p. 362.  
Vol. 6, no. 9, Sept. 1956.  
Kozlekedestudományi Szemle. Budapest, Hungary.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

ZSADANYI, G.

"Some Problems of City Planning and Traffic", P. 140, (KOZLEKEDESTUDOMANYI  
SZEMLE, Vol. 4, No. 4, Apr. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,  
Dec. 1954, Uncl.

JUHASZ, Pal, Dr, ZSADANYI, Otto, Dr; Medical University of Debrecen, Neurological and Psychiatric Clinic (Debreceni Orvostudományi Egyetem, Ideg-Elszék) (director: JUHASZ, Pal, Dr).

"The Problems of Alcoholism in the Life of a Village."

Budapest, Idegyógyászati Szemle, Vol XIV, No 9, Sept 63, pages 262-268.

Abstract: [Authors' Hungarian summary] The village studied, with 629 inhabitants, consumed 500,000 Forint worth of alcohol in 1961. The consumption per adult male capita amounted to 36 per cent of the income. The 17 male inhabitants who had chronic alcoholism came from better than average families with higher income and cultural background. The fight against alcoholism should include the extension of the facilities for cultural entertainment, adequate education of the public and certain practical measures. All Western references.

JUHASZ, Pal, dr.; ZSADANYI, Otto, dr.; TOROK, Pal, dr.; FUSZ, Sandor, dr.;  
PERTORINI, Rezső, dr.

Village population morbidity in 1961. Orv. hetil. 105 no.37:1742-  
1746 13 S '64.

1. Debreceni Orvostudományi Egyetem, Ideg- és Elmeklinika (igazgató:  
Juhász Pal dr.).

ZSADON, Bela; CERECs, Arpad

Analysis of poppyhead extracts. Pt. 2. Magyar kém folyoirat  
70 no. 2:49-51 F '64.

1. Eotvos Lorand Tudományegyetem Kémiai-Technológiai Tan-  
széke, Budapest.
2. "Magyar Kémiai Folyoirat" szerkesztő bizottsági tagja  
(for Gerecs).

L 01143-66 EWT(1)/EWA(1)/EWA(5)-2 RO

ACCESSION NR: AF 5025807

HU/00015/65/072/406/0233/0234

AUTHOR: Usadon, Bela; Berecs, Arpad

TITLE: Solubility of morphine in aqueous solutions in the presence of ballast substances extracted from the poppy boll

SOURCE: Magyar kemiai folyoirat, v. 71, no. 6, 1965, 233-234

TOPIC TAGS: aqueous solution, solubility, drug, pharmacology

ABSTRACT: It was found that the solubility of morphine is increased in the presence of ballast substances extracted from the poppy boll. The result of this experiment is that in the presence of ballast substances precipitated from mother liquor the solubility of morphine is increased. Increasing quantities of ballast substances increase the solubility of morphine. The solubility of morphine can be increased by the addition of ballast substances extracted from the poppy boll. The results are given in fig. and tables.

ASSOCIATION: Eotvos Lorand Tudományegyetem Kémiai Technológiai Tanszék, Budapest (Department of Organic Chemical Technology, Eotvos Lorand Scientific University)

Card 2/2

55

L 01188-66

ACCESSION NR: AP5025807

SUBMITTED: 12Oct64

ENCL: 00

SUB CODE: GC, LS

NR REF SOV: 000

OTHER: 001

JPRS

Card 2/2

DECSEI, Lajos; ZSADON, Bela

Data on the chemical composition of some domestic poppy-heads.  
Acta pharm. Hung. 35 no.5:231-235 S '65.

1. Submitted December 7, 1964.



ZSADON, Bela; DEZSERI, Eszter

Data on the examination of the decomposition of narcotoline. Magyar  
kem folyoir 70 no.3:126-129 Mr '64.

1. Chair of Chemical Technology, Lorand Eotvos University, Budapest.

ZSADON, Bela; GERECS, Arpad

Synthesis of some new pentaerythrite derivatives. Magyar kem  
folyoir 65 no. 7:253-256 J1 '59.

1. Eotvos Lorand Tudományegyetem Kémiai-Technológiai Tanszéke,  
Budapest.

**ZSADON, Bela, kandidatusa**

Report on the discussion of the dissertation prepared by Odon  
Feher for obtaining the title of candidate of chemical sciences.  
Kom tud kozl MTA 20 no.2:300-304 '63.

DECSEI, Lajos; ZSADON, Bela; REICHMANN, Gyorgyi

Data on the condensation reactions of furancarboxylic acid-esters  
and aldehydes. Magyar kem folyoir 69 no.7:328-330 JI '63.

1. Eotvos Lorand Tudomanyegyetem Kemiai-Technologiai Tanszék,  
Budapest.

ZSADON, B.; OERECES, A.

Synthesis of some new derivatives of pentaerythrite. p. 253.

MAGYAR KEMIAI FOLYOIRAT. (Magyar Kemikusok Egyesulete) Budapest, Hungary, Vol. 65,  
no. 7, July 1959.

Monthly List of East European Accessions, (EEAI) LC, Vol. 9, no. 1, Jan. 1960  
Uncl

ZSADON, Bela

Examination of poppyhead extracts. Magyar kem folyoir 66 no.9:347-350  
S '60.

1. Eotvos Lorand Tudomanyegyetem Kemiai Technologiai Harszeke, Budapest.

ZSEADON, Bela, kandidatus

An account of the debate on the dissertation presented by  
Istvan Tomosko:1 for obtaining the title of Candidate of  
Chemical Sciences. Kem tud kozl MTA 21 no.3:353-355 '64.

CA

11B

**Applicability of the blood-sugar method of Solomons.**  
Hela Rex-Kiss and Hela Zsálon. *Byron Hettap* 84, 44-5 (1940).--The following modification of the method of Solomons (C. A. 30, 1081) was used: Measure 2 cc. of fresh oxalated blood into a test tube contg. approx. 2 cc. of 25%  $\text{CCl}_3\text{COOH}$  soln. and 4 cc. of distd. water. Shake the contents of the tube a few min. and remove protein by filtration. In the meantime, deliver 1 cc. of a 0.1% aq. soln. of  $\text{K}_2\text{Fe}(\text{CN})_6$  into a porcelain dish, and then add 1.5 cc. of 4%  $\text{NaOH}$  soln. and 4 cc. of distd. water. Heat the mixt. to boiling and titrate while hot with the blood filtrate until the liquid becomes colorless. Although the method gives lower values than that of Hagedorn and Jensen (C. A. 17, 2721), it is a practical procedure, can be completed in 15-20 min. and requires no expensive app.  
S. S. de Finny

ASB S.L.A. METALLOGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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ZSAK, E., B.Sc.M.E.

The construction of the Rize-Ikizdere hydroelectrical system. Periodica  
polytechn eng 4 no.3:333-344 '60. (REAI 10:6)  
(Turkey--Hydroelectric-power stations)

ZSAKO, Elisabeta, ing.

Aspects of the Hungarian knitting industry. Ind text Rum 14 no.1:  
35-36 Ja '63.

1. Fabrica de tricotaje "Varga Katalin", Cluj.

ZSAK, I.

2

The calculation of hydrogen ion concentration in solutions of electrolytes. II. Ideal aqueous solutions containing a few electrolytes. J. Zsak, *Abd. rep. papura (Koch), Filiala (Cs), Szak. letl. (Mag.)*, 6, 67-77 (1938); cf. *ibid.*, 6, 121 (1935).--The disocn. const. of acids and bases indicate that, in ideal solns. of electrolytes, the concn. of every ion ( $H^+$  and  $OH^-$  excepted) and undissoc. mol. of acids and bases can be shown as the product of the disocn. fraction of the resp. ion or mol. and its analytical concn. The disocn. fraction can be represented as a function, in which the denominator is the disocn. polynomial and the numerator a certain term of the same polynomial. The disocn. polynomial is a characteristic function of an acid or base and does not depend on the presence of other compn. in the system. The disocn. fraction also is characteristic of a certain ion or disocn. mol. in which the value does not depend on the nature of the particle or the pH of the soln. and is hence independent of the presence and concn. of other substances. From the disocn. fractions and the electroneutrality principle, a general equation is deduced enabling the calcn. of  $H^+$  ion concn. in every ideal soln. of electrolytes (acid, base salt). The soln. may contain any no. of electrolytes of any kind. C. Heitner-Wirgala

ca  
1/1

9/1

**ZUBAKOV, S.M., kand.tekhn.nauk**

**Effect of mixture composition on the density and strength of  
chrome-magnesite refractoriss. Ogneupory 19 no.1:7-13 '54.  
(MIRA 11:8)**

**1. Institut arkhitektury, stroitel'stva i stroymaterialov  
Kazakhskoy Akademii nauk.  
(Refractory materials)**