

**I. D. Ivanov, E. E.  
Rakhleeva. The influence  
of ultraviolet light and  
casein substratum on the  
polarographic wave and  
catalytic activity of  
subtilysin ... 1203**

BOTANY

1962

SovietRxiv

---

View the original and related papers at <https://sovietrxiv.org/items/ru-196201.33911>

Source: Math-Net.Ru and CyberLeninka. Machine translation. Verify with the original.

## Abstract

## Full Text

I. D. Ivanov, E. E. Rakhleeva. The influence of ultraviolet light and casein substratum on the polarographic wave and catalytic activity of subtilysin ... 1203

G. V. Kukushkina, L. B. Gorbacheva, N. M. Emanuel'. Kinetic characteristics of the inhibition of protein biosynthesis in cancer cells by alkyl phenols and chloramphenicol ... 1206

V. V. Mosolov, M. D. Loginova. Enzymatic activity of the products of trypsin autolysis ... 1209

G. V. Shcherbakova. The activity of glutamicodecarboxylase and  $\gamma$ -aminobutyric acid of the brain of rats in different functional conditions set up by high oxygen pressure ... 1213

### *BOTANY*

V. A. Guliaev. The type of embryo sac in *Praecitrullus fistulosus* (Stocks) Pang ... 1216

### *PLANT PHYSIOLOGY*

R. R. Akhmetov, V. G. Konarev. The relation existing between RNA and the proteins of nuclear structures ... 1220

G. V. Porutzkii, V. P. Golovchenko, S. V. Cherednichenko. The contents of trace elements in different organs of the plant ... 1223

M. Ch. Chaylakhian, R. M. Galachian, M. M. Sarkisova. Root formation of vine cuttings as affected by excreta of bacteria stimulating the growth of plant neoplasms ... 1227

### *ZOOLOGY*

G. I. Lezhava. The vivipary phenomenon in *Laciniaria strauchi* (O. Bttg.) (Gastropoda, Clausiliidae) and some fundamental data on its morphology ... 1231

### *PHYSIOLOGY*

G. E. Vaisberg, T. I. Afanasieva, N. I. Givental', T. I. Likina, Z. V. Ermoljeva. Prodigiosan—a biologically active polysaccharid from *Bacterium prodigiosum* ... 1233

R. Iu. Il' iuchenok, L. A. Nasarov. Relation between serotonin and the central adreno-responsive and cholino-responsive systems in the mechanism of EEG activation ... 1237

## CORRECTIONS

In A. Yu. Levin's article "On the Stability of Solutions of Second-Order Equations," published in DAN, vol. 141, No. 6, the following corrections must be made.

On p. 1299, line 5 from the bottom, read “ $l \geq 2\sqrt{M}$  Then the analogue of (9) again yields” ;

On p. 1300, line 3, read “it is necessary that (8) hold and that the condition be satisfied.”

---

In our article (S. A. Safarov, M. A. Proskurnin, and B. F. Bogatkov, “A Radiation Method for the Synthesis of New Derivatives of Heterocyclic Compounds” ), published in DAN, vol. 140, No. 6, 1961,

	Printed	Should read
P. 1346, line 10 from the bottom	(1-hydro-2'-oxy-33'-dithienyl)	(2-hydro, 2'-oxy, 3,3'-dithiophene)
P. 1346, line 1 from the bottom	2-hydro-2'-oxy-33'-dithienyl.	2-hydro, 2-oxy, 3,3-dithiophene,

*S. A. Safarov*

*B. F. Bogatkov*

T-11379. Signed for printing 10/X-1962. Print run 5525 copies. Order No. 1047. Paper format  $70 \times 108\frac{1}{4}$ . Printed sheets 21.6 + 2 inserts. Paper sheets  $8\frac{1}{4}$ . Publisher' s sheets 23.1.

2nd Printing House of the Publishing House of the Academy of Sciences of the USSR, Moscow, Shubinskii Lane, 10.

*Note: Figure translations are in progress. See original paper for figures.*

*Source: Math-Net.Ru and CyberLeninka. Machine translation. Verify with the original.*