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## Language skills

English Русский

## Publications

*Article*

### **Crystallization of SrB4O7 in a glass tape and its electrical, dielectric, ferroelectric and nonlinear optical properties**

I.G. Harutyunyan, V.G. Harutyunyan, N.A. Deghoyan, L.S. Mkrtychyan, L.A. Amiraghyan, N.H. Sargsyan, A.R. Aramyan, A.A. Muradyan, V.V. Baghramyan, H.A. Alexanyan

Journal of Instrumentation 2024 C05039

*Article*

### **Synthesis of a new compound in the SrO-TiO2-B2O3 system and its dielectric, ferroelectric, nonlinear optical and electrical properties**

I.G. Harutyunyan, V.G. Harutyunyan, H.A. Alexanyan, A.K. Kostanyan

JOURNAL OF ALLOYS AND COMPOUNDS 2022 164532

*Article*

### **Nonlinear current-voltage and optical properties of Zn4B6O13**

I.G. Harutyunyan, V.G. Harutyunyan, H.A. Alexanyan

Journal of Optoelectronics and Advanced materials 2021 594 - 597

*Article*

### **Investigation of InAsSbP quantum dot mid-infrared sensors**

V.G. Harutyunyan, K.M. Gambaryan, V.M. Aroutiounian, I.G. Harutyunyan

Journal of Sensors and Sensor Systems 2015 249-253

<http://www.j-sens-sens-syst.net>

*Article*

### **InAsSbP Quantum Dot Mid-IR Photodetectors Operating at Room Temperature**

V.G. Harutyunyan, K.M. Gambaryan, V.M. Aroutiounian, I.G. Harutyunyan

INFRARED PHYSICS & TECHNOLOGY 2015 12-14

<http://www.journals.elsevier.com/infrared-physics-and-technology>

*Conference*

### **Nonlinear optical properties of Zn4B6O13**

V. Gevorgyan, V. Harutyunyan, H. Alexanyan, R. Hovhannisyan, I. Harutyunyan

*Patent*

**Լազերային ճառագայթի կառավարման ակուստաօպտիկական եղանակ**

Հարությունյան Իշխան, Կիրակոսյան Արթուր, Ավետիսյան Աշոտ, Հովհաննիսյան Մեսրոպ

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