

# Փերդինանդ Վազգեն Գասպարյան

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## Научно-исследовательский институт физики

Շիսահաղորդչային սարքերի և նանոտեխնոլոգիաների կենտրոն  
Старший научный сотрудник

## 🌐 Знание языков

Русский English Հայերեն

## 📖 Публикации

Статья

### Modeling the Parameters of p-i-n Solar Cells Based on $\text{CH}_3\text{NH}_3\text{PbI}_3$ Perovskite

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### Capacitive Immunosensors Based on Structures Electrolyte-Insulator-Semiconductor

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### ЕМКОСТНЫЕ ИММУНОСЕНСОРЫ НА ОСНОВЕ СТРУКТУР

### ЭЛЕКТРОЛИТ-ИЗОЛЯТОР-ПОЛУПРОВОДНИК

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**Internal Electrical Noises of BioFET Sensors Based on Various Architectures**

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**Activation-relaxation processes and related effects in quantum conductance of molecular junctions**

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**Study of Molecular Junctions Metal-DNA-Metal for the DNA Sequencing**

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**Ultraviolet photodetector on the base of silicon nanowires**

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**Low-frequency noises and SNR of double gated Si NW ISFET based biochemical sensor**

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**Optical properties of double-gated silicon nanowire FETs**

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F. Gasparyan, V.Handziuk, M.Coppola, V.Sudoruk, D.Mayer, S.Vitusevich

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