

## Личная информация

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## Идентификаторы международных исследователей

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## Области исследований

Natural Sciences

## Статьи, опубликованные в журналах, входящих в индексы SCI, SSCI и AHCI

- I. ***Ab initio*** prediction of half-metallic and metallic ferromagnetism in ZnO:(Co,Cr) systems  
Jafarova V. N., Abdurahmanova U. S., Rzayeva S.  
PHYSICA SCRIPTA, vol.99, no.6, 2024 (SCI-Expanded)
- II. **First-principles prediction of higher Curie temperature, metallic and half-metallic ferromagnetism in Zn<sub>1-x</sub>(V<sub>x</sub>,Ni<sub>x</sub>)O systems**  
Jafarova V. N., Rzayeva S.  
CHINESE JOURNAL OF PHYSICS, vol.87, pp.592-607, 2024 (SCI-Expanded)
- III. **Jet energy measurement with the ATLAS detector in proton-proton collisions at  $\sqrt{s}=7$  TeV**  
Aad G., Abbott B., Abdallah J., Abdelalim A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.  
EUROPEAN PHYSICAL JOURNAL C, vol.73, no.3, 2013 (SCI-Expanded)
- IV. **Erratum: Search for supersymmetry in final states with jets, missing transverse momentum and one isolated lepton in  $\sqrt{s}=7$  TeV pp collisions using 1fb-1 of ATLAS data (Physical Review D (2012) 85 (012006) DOI: 10.1103/PhysRevD.85.012006)**  
Rzayeva S.  
PHYSICAL REVIEW D - PARTICLES, FIELDS, GRAVITATION AND COSMOLOGY, vol.87, pp.99903, 2013 (SCI-Expanded)
- V. **Measurement of the *t*-channel single top-quark production cross section in pp collisions at  $\sqrt{s}=7$  TeV with the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Khalek S., Abdelalim A., Abdesselam A., Abdinov O., Abi B., Abolins M., AbouZeid O., et al.  
PHYSICS LETTERS B, vol.717, no.4-5, pp.330-350, 2012 (SCI-Expanded)
- VI. **Search for second generation scalar leptoquarks in pp collisions at  $\sqrt{s}=7$  TeV with the ATLAS detector**  
Aad G., Abbott B., Abdallah J., Khalek S., Abdelalim A., Abdesselam A., Abdinov O., Abi B., Abolins M., AbouZeid O., et al.  
EUROPEAN PHYSICAL JOURNAL C, vol.72, no.9, 2012 (SCI-Expanded)
- VII. **Measurement of the azimuthal anisotropy for charged particle production in  $\sqrt{s}_{NN}$  =**

### **2.76 TeV lead-lead collisions with the ATLAS detector**

Rzayeva S.

PHYSICAL REVIEW C - NUCLEAR PHYSICS, vol.86, pp.14907, 2012 (SCI-Expanded)

### **VIII. Measurement of the isolated diphoton cross section in pp collisions at $\sqrt{s}=7\text{TeV}$ with the ATLAS detector**

Rzayeva S.

PHYSICAL REVIEW D - PARTICLES, FIELDS, GRAVITATION AND COSMOLOGY, vol.85, pp.12003, 2012 (SCI-Expanded)

### **IX. Performance of the ATLAS trigger system in 2010**

Rzayeva S.

EUROPEAN PHYSICAL JOURNAL C, vol.72, pp.1-61, 2012 (SCI-Expanded)

### **X. Search for massive long-lived highly ionising particles with the ATLAS detector at the LHC**

Aad G., Abbott B., Abdallah J., Abdelalim A., Abdesselam A., Abdinov O., Abi B., Abolins M., Abramowicz H., Abreu H., et al.

PHYSICS LETTERS B, vol.698, no.5, pp.353-370, 2011 (SCI-Expanded)

## **Статьи, опубликованные в других журналах**

### **I. Electronic and Magnet Properties of Cobalt Doped SiCNT: A First-Principles Study**

Rzayeva S.

JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.6, no.27 , pp.2147-9429, 2024 (ESCI)

### **II. Prediction of ferromagnetism in GaN:Ag and SiC:Ag nanotubes**

Jafarova V. N., Rzayeva S., Scurtu I. C., Stanca C., Acomi N., Raicu G.

ADVANCES IN NATURAL SCIENCES-NANOSCIENCE AND NANOTECHNOLOGY, vol.15, no.3, 2024 (ESCI)

### **III. Single hadron response measurement and calorimeter jet energy scale uncertainty with the ATLAS detector at the LHC**

Rzayeva S.

European Physical Journal C, vol.73, pp.73-2305, 2013 (Peer-Reviewed Journal)

## **Метрики**

Публикация: 14

Цитата (Scopus): 2

H-Индекс (Scopus): 1