

### **Requirements for publications of applicants for HSE academic degrees in Physics**

#### **Defense of the dissertation for the degree of Candidate in Physics/PhD in Physics**

When dissertation is submitted as a coherent research paper it should be published:

- 3 articles (all in WoS). At least one article should be in WoS (Q1-Q2) and others should be published in journals with impact factor of at least 1.

The defense of dissertation as a collection is not provided.

#### **Defense of the dissertation for the degree of Doctor in Physics /DS in Physics**

When dissertation is submitted as a coherent research paper it should be published:

- 10 articles (all in WoS). At least 5 article should be in WoS (Q1-Q2) and others should be published in journals with impact factor of at least 1.

The defense of dissertation as a collection is not provided.

### **General explanation of the requirements to all fields of science**

In all cases, the submitted publications should describe the main scientific results of the dissertation research.

In all cases, along with the already published articles, the articles accepted for publication are also taken into consideration, if there is official confirmation from the publisher or the editorial board of the journal.

In all cases, the dissertation council at the preliminary stage of the discussion retains the right to substantive examination of the submitted articles, and in the case of a monograph dissertation council retains the competence of recognizing the monograph as a qualified scientific publication.

If a list of publishers in which a monograph accepted for consideration may be published is approved in accordance with the procedure established by HSE for a given field of science, then publishers are automatically recognized. Other publishers not including in the list may be recognized by the decision of the dissertation council.

The dissertation council may not recognize as a separate publication a republication of the text, including its translation into another language.

In all cases, publications in editions listed in the list of dishonest editions (<https://scientometrics.hse.ru/blacklist>) are not taken into account.

In all cases, articles in journals in which the applicant is editor-in-chief, deputy editor-in-chief or executive secretary at the time of publication are not taken into account.

For a list of HSE recommended journals, see:

<https://scientometrics.hse.ru/goodjournals>

The publications in the Web of Science are considered without taking into account the Emerging Sources Citation Index (ESCI) database.

The journal's quartile is determined by the year of applicant's article publication in this journal. If such information is absent for the year of publication then it should be taken the last year for which the data are available.

If there are different quartiles of the journal, the quartile for applicant's article is determined according to the specialty closest to the topic of the dissertation.

If the dissertation council proposes a special order to take into account the publications in the list of leading journals or other additional lists, the lists of such journals should be formed and placed in public domain.

The main co-author of the article is determined according to the rules of the journal in which the article was published, and in the absence of such rules by the decision of the dissertation council.

Considering materials of scientific conferences in the natural and technical sciences (CORE, etc.), only materials from the main conference program are taken into account. In mathematics and computer science, oral reports (full paper/conference paper) and poster presentations at thematic conferences in Computer Science (level A\* and A according to CORE ranking), published in conference collections of papers or international journals, may be considered.