



Evolution of the publications in high impact journals in the relevant research fields

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Statement on the number of peer-reviewed publications in high impact journals in the relevant research fields

The Institute of Physical Chemistry of the Polish Academy of Sciences (IPC) had published 73 publications in high impact journals in the reference period of three years prior to the signature of the CREATE grant agreement (namely: 2012, 2013, and 2014). The term “high impact journals” refers to the top 10% impact ranked journals in the specific research fields of IPC, such as:

- Chemistry (analytical, applied, inorganic and nuclear, medicinal, multidisciplinary, physical)
- Materials Science (biomaterials, coatings and films, composites, multidisciplinary)
- Multidisciplinary Sciences
- Biochemistry and Molecular Biology
- Biophysics
- Biotechnology and Applied Microbiology
- Cell and tissue engineering, Cell Biology
- Nanoscience and nanotechnology, neurosciences
- Physics, multidisciplinary
- Polymer Science

The data were collected by commercially available bibliometric databases – Web of Science maintained by Thomson Reuters.

However, it should be noted that, in the course of the CREATE project, IPC intends to supplement the current research programme and adapt physical chemistry methods to research biological systems. The CREATE project focuses on creation of a new chair and new research field in the IPC which is ‘Physical Chemistry of Biological Systems’. Under the CREATE project IPC intends to improve/develop experimental studies on phenomena occurring inside living cells which will be carried out at the IPC laboratories. In this specific field of research in the reference period IPC published 2 articles in high impact journals. In this context, it is advisable to measure as well “Evolution of the publications in the relevant research field” in reference to the specific research field which will be developed under ERA Chair funds – namely: physical chemistry of biological systems.

Both indicators were presented below in graphic form:

