



**Czech Academy  
of Sciences**

# **Report of the I. phase of the Evaluation of the research and professional activity of research-oriented institutes of the Czech Academy of Sciences for the period 2015-2019**

**FIELD: CHEMICAL SCIENCES**

**INSTITUTE: J. Heyrovsky Institute of Physical Chemistry of the CAS, v. v. i.**

**TEAM: Molecular Electrochemistry and Catalysis**

## Profiles for teams

FIELD: CHEMICAL SCIENCES

INSTITUTE: J. Heyrovsky Institute of Physical Chemistry of the CAS, v. v. i.

TEAM: Molecular Electrochemistry and Catalysis

EVALUATED OUTPUTS: 19      FC= 10,36       $N_{rp}$ = 15

HEAD: prof. RNDr. Jiří Ludvík CSc.

### QUALITY GROUPS OF OUTPUTS

| QUALITY                       | 1   | 2    | 3    | 4 | 5 |
|-------------------------------|-----|------|------|---|---|
| OUTPUTS, N                    | 1   | 10   | 8    | 0 | 0 |
| FRACTIONAL COUNT, FC          | 0,5 | 5,52 | 4,33 | 0 | 0 |
| TEAM REPRINT AUTHOR, $N_{rp}$ | 1   | 9    | 5    | 0 | 0 |

Average rating of team: 2,37

FC is the fractional count calculated in a similar way as in Nature Index ( $FC=a/b$ , where a is the number of authors of the team and b is the total number of authors),  $FC_{1,2}$  is fractional count for grading levels 1 and 2.  $N_{RP}$  is the number of outputs with reprint author from the team,  $N_{RP,1,2}$  is the number of outputs with own reprint author for grading levels 1 and 2.

Number of outputs (N) will be alternatively shown with fractional count, FC, where possible. This information is important for those fields of science where affiliation of reprint autor does not represent relevant information.



## Types of collaboration and subfields of teams

**FIELD: CHEMICAL SCIENCES**

**INSTITUTE: J. Heyrovsky Institute of Physical Chemistry of the CAS, v. v. i.**

**TEAM: Molecular Electrochemistry and Catalysis**

| Quality Levels and Types of Collaboration |   |   |   |   |   |
|---|---|---|---|---|---|
| Type of Collaboration                     | 1 | 2 | 3 | 4 | 5 |
| A1  |   | 2 | 1 |   |   |
| B   |   |   | 2 |   |   |
| B1  |   | 3 | 2 |   |   |
| C   |   |   | 1 |   |   |
| C1  | 1 | 4 | 1 |   |   |
| D   |   |   |   |   |   |
| D1  |   |   | 1 |   |   |
| E   |   |   |   |   |   |
| n.a.                                      |   | 1 |   |   |   |
| Without affiliation                       |   |   |   |   |   |
| A1+B1+C1+D1                               | 1 | 9 | 5 |   |   |
| B+C+D                                     |   |   | 3 |   |   |

| Quality Levels and Subfields Structure of Outputs |   |   |   |   |   |
|---|---|---|---|---|---|
| Field of Structure of Outputs                     | 1 | 2 | 3 | 4 | 5 |
| Electrochemistry                                  |   | 1 | 4 |   |   |
| Environmental Sciences                            |   | 1 |   |   |   |
| Chemistry Analytical                              |   |   | 1 |   |   |
| Chemistry Inorganic Nuclear                       | 1 | 5 | 1 |   |   |
| Chemistry Multidisciplinary                       |   |   | 1 |   |   |
| Chemistry Organic                                 |   | 2 |   |   |   |
| Chemistry Physical                                |   | 1 | 2 |   |   |
| Materials Science Coatings Films                  |   |   | 1 |   |   |
| Materials Science Multidisciplinary               |   |   | 1 |   |   |
| n.a.  |   | 1 |   |   |   |