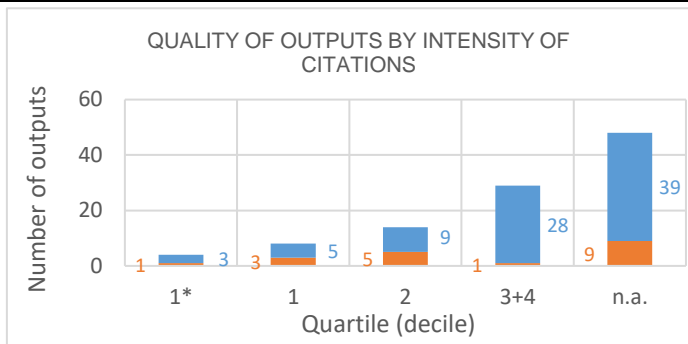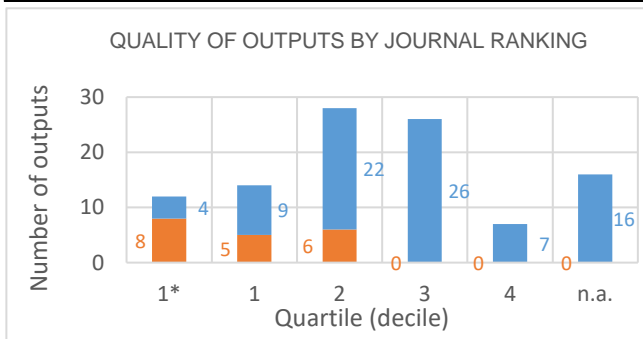# Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019
BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

Institute:	Institute of Inorganic Chemistry of the CAS, v. v. i.
Team:	Department of Syntheses
Head:	Bohumír Grüner
Field:	Chemical sciences
Total number of outputs: 103	**Evaluated outputs:** 19

QUALITY OF OUTPUTS BY JOURNAL RANKING

QUALITY OF OUTPUTS BY INTENSITY OF CITATIONS

TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1	1	6
B		16
B1	5	25
C	1	15
C1	4	9
D	1	3
D1	7	4
E		
n.a.		6
Without affiliation		
A1+B1+C1+D1	17	44
B+C+D+E	2	34

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Chemistry Inorganic Nuclear	6	34
Chemistry Multidisciplinary	7	19
Chemistry Physical	4	17
Chemistry Organic		12
Physics Atomic Molecular Chemical	2	10
Materials Science Multidisciplinary	4	7
n.a.		6
Nanoscience Nanotechnology	2	4
Crystallography	1	4
Nuclear Science Technology		3
Physics Applied		3
Electrochemistry		2
Energy Fuels		2
Engineering Chemical		2
Chemistry Analytical		2
Physics Condensed Matter		2
Physics Nuclear		2
Biochemistry Molecular Biology		1
Environmental Sciences		1
Chemistry Medicinal	1	

Total number of outputs: outputs of the team published during the evaluated period 2015-2019.

Evaluated outputs: selected outputs submitted by the team to the Phase I of evaluation.

Outputs used for bibliometry: subset of all outputs registered in the Web of Science; document type: article, review or proceedings paper.

Quality of outputs by journal ranking: number of outputs in top decile (1*) and quartiles (1-4) by AIS of journals; n. a. - outputs in journals without AIS; orange: outputs from the Phase I, blue: the other outputs of the team.

Quality of outputs by intensity of citations: number of outputs in the top decile (1*) and in quartiles (1, 2, 3+4) determined from the list of outputs ordered by the number of citations (downloaded from the Web of Science at the beginning of evaluation) for each subject category, year, and type of output; n. a. – the data are not robust enough for relevant judgement; orange: outputs from the Phase I, blue: the other outputs of the team.

Types of collaboration: outputs created exclusively in a particular institute are marked by A1, outputs created within national cooperation by max. 5 organizations are marked by B, outputs created within international cooperation by max. 5 organizations are marked C, outputs created within large collaboration exceeding 5 organizations are marked D, outputs created within large international collaboration are marked E. It is distinguished by marking B1/B, C1/C and D1/D whether the output has/does not have a corresponding author from a particular team.
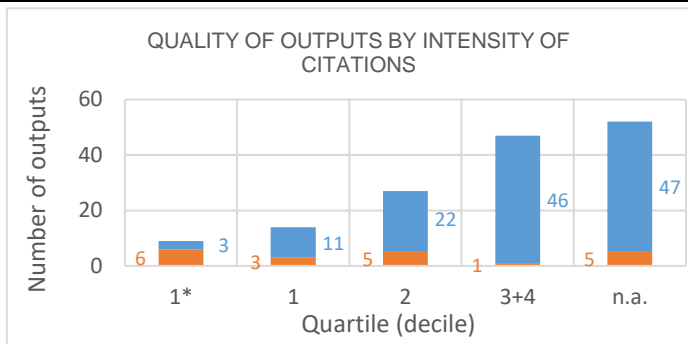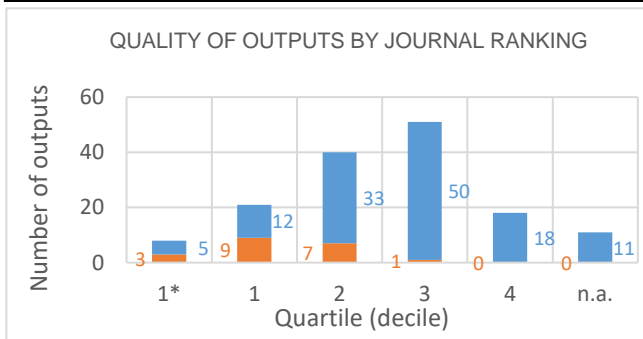
Field structure of outputs: number of outputs of the team in different subject categories (subfields); if the output is assigned to more than one field, the field where the publication performs best (assessed by Quality of outputs by journals ranking) is taken; the table shows up to 20 fields.

Detailed explanation of the indicators is provided in the Methodology of evaluation, Annex 2 – Bibliometrics.

Institute:	Institute of Inorganic Chemistry of the CAS, v. v. i.
Team:	Department of Materials Chemistry
Head:	Kamil Lang
Field:	Chemical sciences
Total number of outputs: 149	**Evaluated outputs:** 20

QUALITY OF OUTPUTS BY JOURNAL RANKING

QUALITY OF OUTPUTS BY INTENSITY OF CITATIONS

TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1		5
B	1	33
B1	15	31
C		34
C1	2	5
D		18
D1	2	3
E		
n.a.		
Without affiliation		
A1+B1+C1+D1	19	44
B+C+D+E	1	85

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Materials Science Multidisciplinary	3	42
Chemistry Physical	4	32
Chemistry Multidisciplinary	2	31
Nanoscience Nanotechnology	3	23
Physics Applied	1	19
Physics Condensed Matter	1	19
Chemistry Inorganic Nuclear	6	12
Environmental Sciences	1	8
Materials Science Coatings Films	1	8
Engineering Chemical	1	6
Chemistry Applied		6
Engineering Environmental	2	3
Materials Science Biomaterials	3	2
Polymer Science		5
Biophysics		4
Chemistry Analytical		4
Mineralogy		4
Crystallography		3
Engineering Electrical Electronic		3
Materials Science Ceramics	1	2

Total number of outputs: outputs of the team published during the evaluated period 2015-2019.

Evaluated outputs: selected outputs submitted by the team to the Phase I of evaluation.

Outputs used for bibliometry: subset of all outputs registered in the Web of Science; document type: article, review or proceedings paper.

Quality of outputs by journal ranking: number of outputs in top decile (1*) and quartiles (1-4) by AIS of journals; n. a. - outputs in journals without AIS; orange: outputs from the Phase I, blue: the other outputs of the team.

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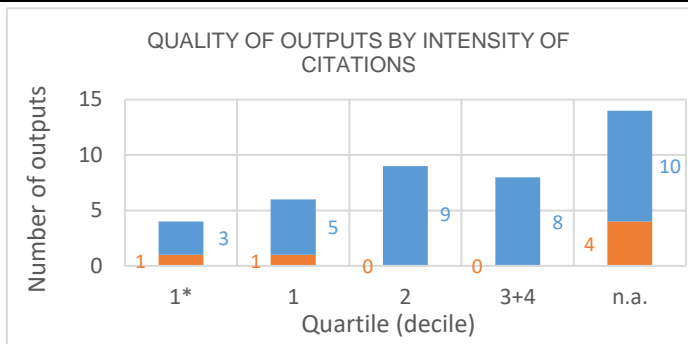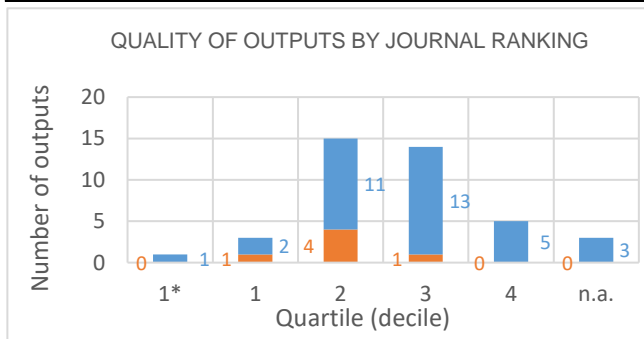
Field structure of outputs: number of outputs of the team in different subject categories (subfields); if the output is assigned to more than one field, the field where the publication performs best (assessed by Quality of outputs by journals ranking) is taken; the table shows up to 20 fields.

Detailed explanation of the indicators is provided in the Methodology of evaluation, Annex 2 – Bibliometrics.

Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

Institute:	Institute of Inorganic Chemistry of the CAS, v. v. i.
Team:	Laboratory of Environmental Geochemical Analysis
Head:	Tomáš Matys Grygar
Field:	Earth and related environmental sciences
Total number of outputs: 41	**Evaluated outputs:** 6

QUALITY OF OUTPUTS BY JOURNAL RANKING

QUALITY OF OUTPUTS BY INTENSITY OF CITATIONS

TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1		1
B		11
B1	2	6
C	1	4
C1	3	4
D		6
D1		1
E		
n.a.		2
Without affiliation		
A1+B1+C1+D1	5	12
B+C+D+E	1	21

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Geosciences Multidisciplinary	4	15
Soil Science	3	7
Geography Physical	1	8
Water Resources	3	6
Environmental Sciences		8
Paleontology	1	6
Geochemistry Geophysics	1	2
Geology	1	2
Chemistry Inorganic Nuclear		3
Materials Science Multidisciplinary		2
n.a.		2
Energy Fuels		1
Engineering Chemical		1
Chemistry Applied		1
Chemistry Organic		1
Chemistry Physical		1
Materials Science Coatings Films		1
Meteorology Atmospheric Sciences		1
Mineralogy		1
Nuclear Science Technology		1

Total number of outputs: outputs of the team published during the evaluated period 2015-2019.

Evaluated outputs: selected outputs submitted by the team to the Phase I of evaluation.

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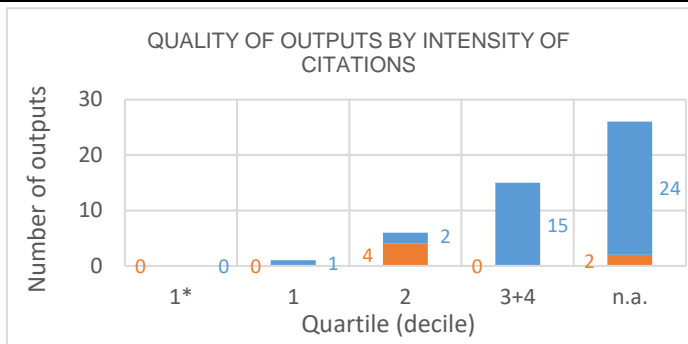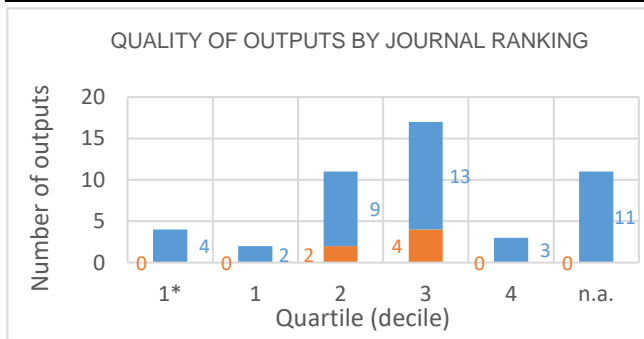
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Evaluation of the Research and Professional Activities of the Institutes of the Czech Academy of Sciences for 2015–2019

BIBLIOMETRIC PARAMETERS OF ALL OUTPUTS INCLUDING THOSE EVALUATED IN THE PHASE I.

Institute:	Institute of Inorganic Chemistry of the CAS, v. v. i.
Team:	Academic Laboratory of Material Research of Painted Artworks
Head:	David Hradil
Field:	Chemical sciences
Total number of outputs: 48	**Evaluated outputs:** 6

QUALITY OF OUTPUTS BY JOURNAL RANKING

QUALITY OF OUTPUTS BY INTENSITY OF CITATIONS

TYPES OF COLLABORATION

Collaboration	Outputs (evaluated)	Outputs (not evaluated)
A1		
B		15
B1	4	9
C	1	7
C1		5
D		2
D1	1	
E		
n.a.		4
Without affiliation		
A1+B1+C1+D1	5	14
B+C+D+E	1	24

FIELD STRUCTURE OF OUTPUTS

Field structure of outputs	Outputs (evaluated)	Outputs (not evaluated)
Chemistry Physical	1	10
Materials Science Multidisciplinary	1	10
Spectroscopy	3	4
Chemistry Multidisciplinary		6
Mineralogy	1	5
Chemistry Analytical	1	4
Art		4
Engineering Chemical		4
Nuclear Science Technology		3
Physics Applied		3
Construction Building Technology		2
Chemistry Applied		2
n.a.		2
Physics Condensed Matter		2
Thermodynamics		2
Acoustics		1
Archaeology		1
Electrochemistry		1
Energy Fuels		1
Engineering Biomedical		1

Total number of outputs: outputs of the team published during the evaluated period 2015-2019.

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