



ACADEMIC STRENGTH

OF REYKJAVIK UNIVERSITY

RU RESEARCH SERVICES 2023

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The Academic Strength of Reykjavik University (RU)

(Report from RU Research Services, March 2023)

Introduction

The overall aim of the RU Research Services is to assist the University in implementing its research strategy (<http://en.ru.is/research/about/ru-research-strategy/>) and to support academic employees at the University in becoming researchers of international quality. The three main objectives of the RU Research Services are:

1. to assist financing research at RU, e.g., by monitoring grant opportunities in Iceland and abroad and provide support in the writing of applications and management of grants.
2. to monitor and evaluate research activities at RU, e.g., carry out the RU Research Assessment, collect data on research activities, do research statistics and write reports on research development and the academic strength of RU.
3. to disseminate RU research activities within and outside RU and build connections with the main funders of research, both national and international funding agencies.

This report is divided into two main chapters. The first chapter is on RU publications in peer-reviewed outlets and the second chapter outlines research grants from national and international competitive research funds to RU. There are two appendixes. The first one is about publications in peer-reviewed outlets at RU departments and the second one is a list of grants RU has received from national competitive funds 2012-2022.

RU publications in peer-reviewed outlets

This report is based on data from research reports, academic employees with research duties submit to RU Research Services. All academic employees with research duties should submit a research report on 1st of October every second year. RU affiliated publications by academic employees leaving the University before 1st of October are not included in this report. Consequently, number of RU affiliated publications annually is in fact a bit higher than reported in this report.

The annual research report is divided into the following eight sections: 1. Research output in peer-reviewed outlets; 2. Impact beyond academia on society; 3. Talks and presentations; 4. Research grants; 5. Supervision; 6. Other research-related work; 7. Research output in non-peer-reviewed outlets; 8. Other research related information.

The section on research output in peer-reviewed outlets is divided into the following six chapters: 1. Articles in peer-reviewed scholarly journals; 2. Articles and abstracts in peer-reviewed conferences/symposia/proceedings; 3. Peer-reviewed books; 4. Peer-reviewed book chapters; 5. Other peer-reviewed publications and 6. Patents.

All academic employees are obliged to provide information on whether their publications are RU affiliated or not and whether articles published in scholarly journals are published in so called ISI journals. ISI is the abbreviation for Institute for Scientific Information and ISI journals are regarded as journals of high quality and with high impact. The most important publishing standards and qualities of ISI journals are timeliness of publication and the peer-review process (at least two expert reviewers per article). Furthermore, the journal's impact and the citation data associated with it are important factors.

Table 1: Academic employees evaluated in the RU Research Assessment 2022 (Source: Research reports from academic employees).

	Number of Professors	Number of Associate Professors	Number of Assistant Professors	Number of other academic employees *	Total
Dept. of Appl. Engineering	1	1	1	0	3
Dept. of Sport Science	3	0	2	1	6
Dept. of Law	3	6	1	1	11
Dept. of Psychology	5	9	6	0	20
Dept. of Computer Science	7	6	8	4	25
Dept. Engineering	12	8	12	15	47
Dept. of Business Admin.	4	6	5	3	18
Total	35	36	35	24	130**

* Other academic employees: Adjuncts, postdocs, visiting professors and other researchers.

** One academic employee holds a position at two departments. Therefore, the actual number in 2022 is 129.

Table 2: FTE's of academic employees 2022 (Source: Research reports from academic employees).

	Professors	Associate Professors	Assistant Professors	Other academic employees*	Total
Dept. of Appl. Engineering	1.0	1.0	1.0	-	3.0
Dept. of Sport Science	3.0	0.0	2.0	1.0	6.0
Dept. of Law	3.0	5.8	1.0	1.0	10.1
Dept. of Psychology	2.8	6.1	6.0	-	14.9
Dept. of Computer Science	7.0	6.0	8.0	4.0	25.0
Dept. Engineering	11.1	6.8	10.6	12.7	41.2
Dept. of Business Admin.	4.0	5.2	4.2	1.4	14.8
Total	31.9	30.9	32.8	20.1	115,7

* Other academic employees: Adjuncts, postdocs, visiting professors and other researchers.

Table 3: Percentage of academic employees 2022, who holds a Ph.D. - degree (Source: Research reports from academic employees and information from RU departments).

	Professors	Associate Professors	Assistant Professors	Other academic employees*
Dept. of Appl. Engineering	100%	0%	100%	-
Dept. of Sport Science	100%	0%	100%	100%
Dept. of Law	100%	50%	100%	100%
Dept. of Psychology	100%	100%	100%	-
Dept. of Computer Science	100%	100%	100%	100%
Dept. Engineering	100%	100%	100%	100%
Dept. of Business Admin.	100%	100%	100%	67%

* Other academic employees: Adjuncts, postdocs, visiting professors and other researchers.

Table 4: Gender of evaluated academic employees 2022 (Source: Research reports from academic employees).

	Professors		Associate Professors		Assistant Professors		Other academic employees*	
(M = Males; F = Females)	M	F	M	F	M	F	M	F
Dept. of Appl. Engineering	100%	0%	100%	0%	100%	0%	-	-
Dept. of Sport Science	67%	33%	0%	0%	50%	50%	100%	0%
Dept. of Law	67%	33%	50%	50%	0%	100%	100%	0%
Dept. of Psychology	60%	40%	56%	44%	0%	100%	-	-
Dept. of Computer Science	86%	14%	50%	50%	75%	25%	75%	25%
Dept. Engineering	92%	8%	100%	0%	83%	17%	93%	7%
Dept. of Business Admin.	75%	25%	50%	50%	80%	20%	100%	0%

* Other academic employees: Adjuncts, postdocs, visiting professors and other researchers.

Publications are counted according to the following method: If an article has two or more authors employed at RU, the article is counted only once as an RU publication. The same applies for abstracts, books, book chapters, etc.

Publication traditions are very different from one scientific field to another. Although all statistical data in this report is presented here in the same way for all departments, it is not done with the aim of enabling a comparison between the departments. The data is primarily presented here to give a comprehensive view of the academic strength of the University /departments and how it has developed.

In 2022, about 59% of RU publications in peer-reviewed outlets are in peer-reviewed scholarly journals, about 34% at peer-reviewed conferences/in conference proceedings and about 6% are peer-reviewed books and book chapters (see figure 1).

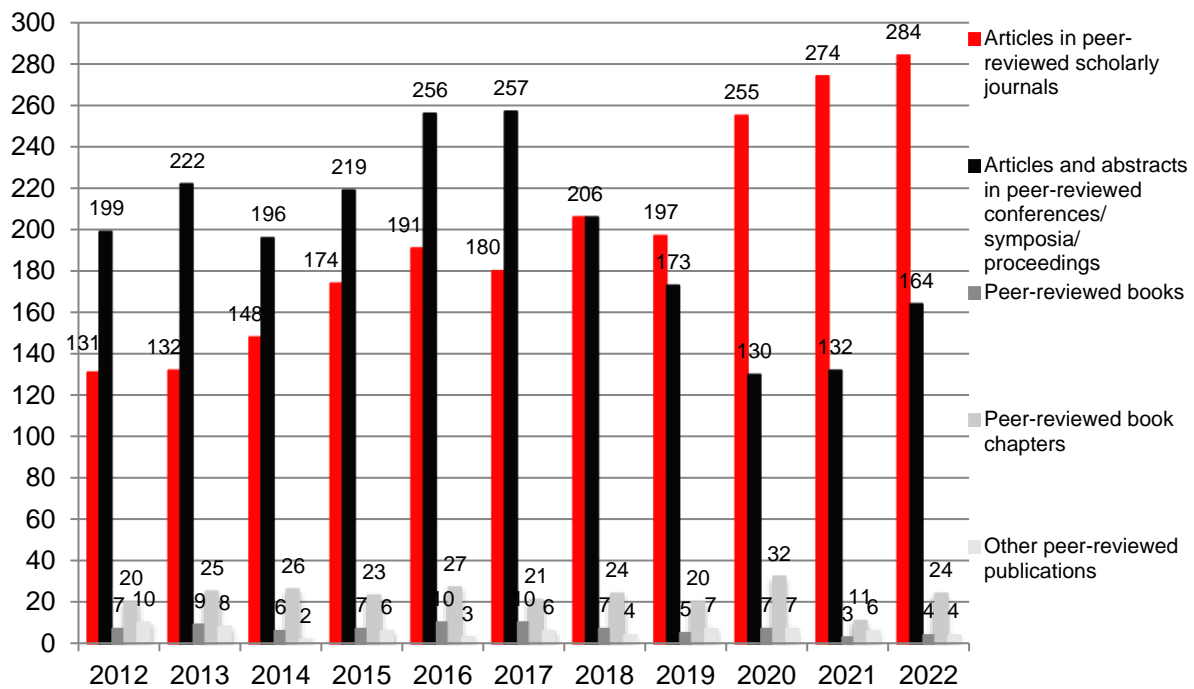


Figure 1: Number of RU affiliated publications in peer-reviewed outlets 2012-2022 (Source: Research Reports from academic employees).

Number of articles in peer-reviewed scholarly journals have been increasing gradually, the proportion of those articles published in ISI journals has also increased (see figure 2). In 2022, the percentage of ISI publications is 98% in Department of Business Administration, 98% in Department of Psychology and 93% in Department of Engineering (see figure 3).

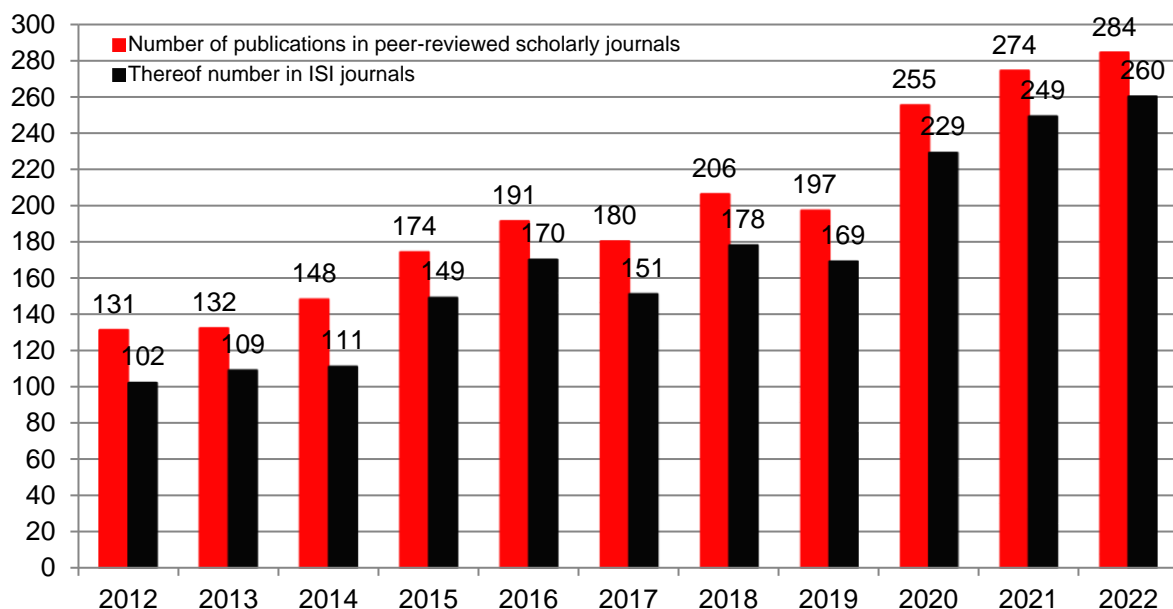


Figure 2: Number of RU affiliated articles in peer-reviewed scholarly journals 2012-2022 and the number of those publications in ISI journals (Source: Research Reports from academic employees).

Department of Law publishes proportionally more in domestic peer-reviewed outlets than the other departments at RU (the same applies to other Icelandic law departments and law departments in other countries). It is important to bear in mind, that in some cases it is not relevant to publish the results in other than peer-reviewed domestic outlets. These

publications may well provide evidence of international excellence if they can be compared favourably with similar studies in other countries.

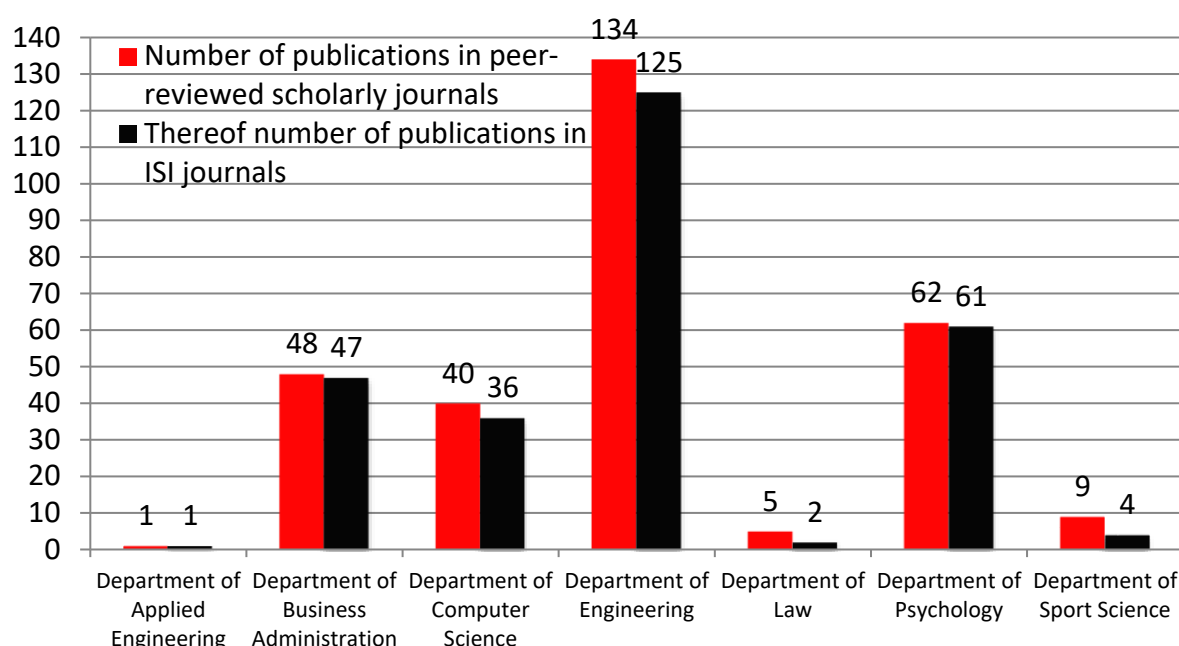


Figure 3: Number of RU affiliated articles in peer-reviewed scholarly journals 2022 per department and the number of those publications in ISI journals (Source: Research Reports from academic employees).

The number of RU affiliated publications in peer-reviewed outlets annually per academic employee has been around 3.5 and above in the period 2012-2022, see figure 4. The number of RU affiliated articles in peer-reviewed scholarly journals per academic employee has increased, see figure 5. Around 99% of all publications published in 2022 are in English, see figure 6.

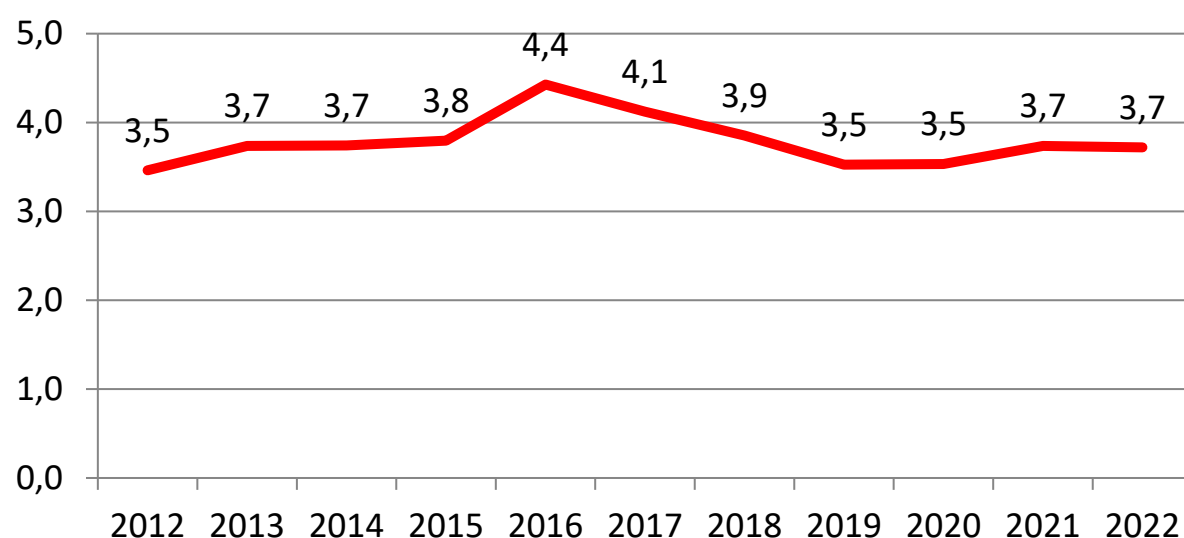


Figure 4: Number of RU affiliated peer-reviewed publications per academic employee (Source: Research Reports from academic employees).

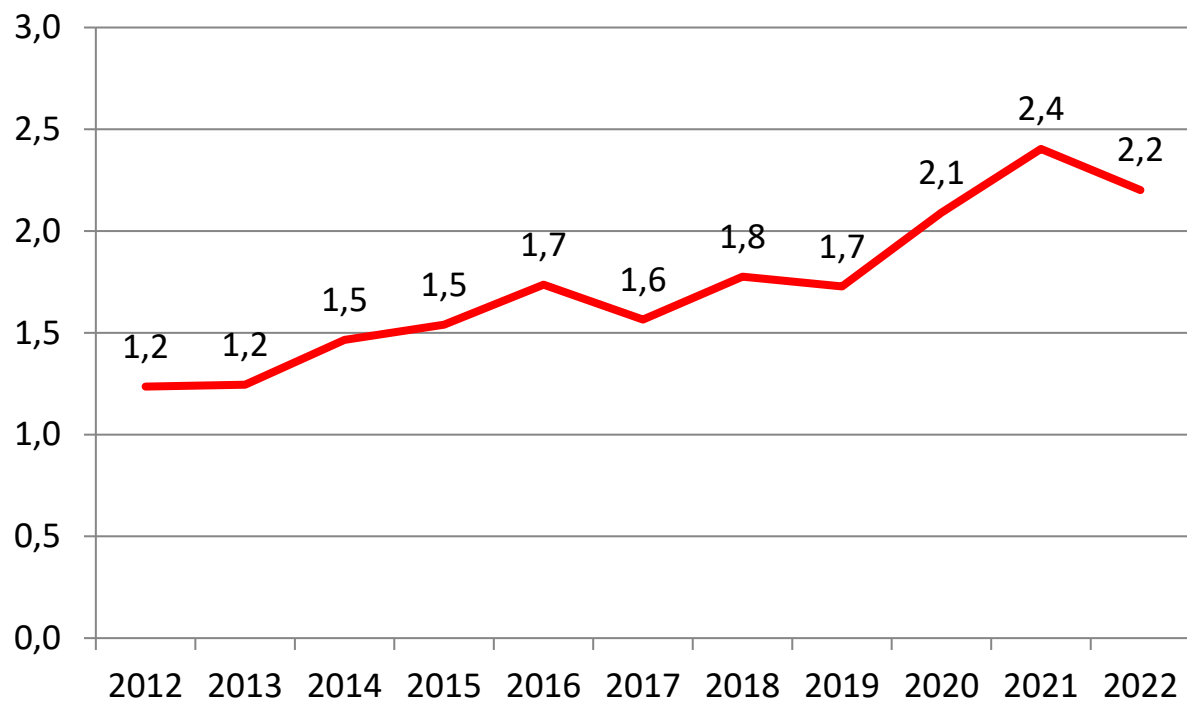


Figure 5: Number of RU affiliated articles in peer-reviewed scholarly journals per academic employee (Source: Research Reports from academic employees).

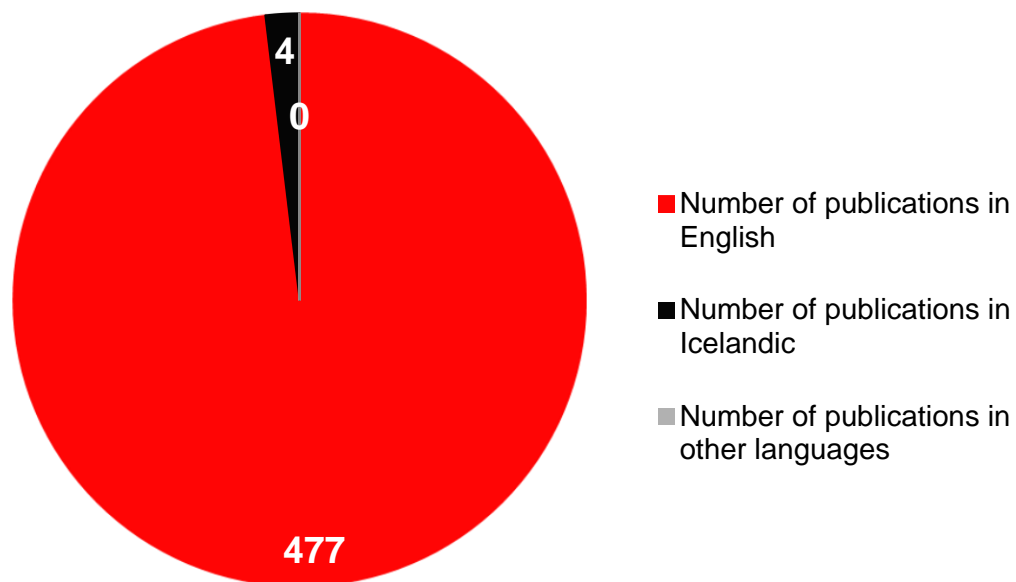


Figure 6: Number of RU affiliated publications in peer-reviewed outlets per language 2022 (Source: Research Reports from academic employees).

Research grants from national and international competitive funds

The external financing of research at RU has systematically been strengthened by significantly increasing efforts to obtain research support from domestic and foreign sources. The success rate in competitive research funds, where grants proposals of academics are peer-reviewed, is an important criterion of academic strength. Therefore, it is very important that the University have efficient internal supports, i.e., research services, to monitor opportunities for obtaining external research funds and to provide assistance in applying, developing budgets, and lending other administrative support.

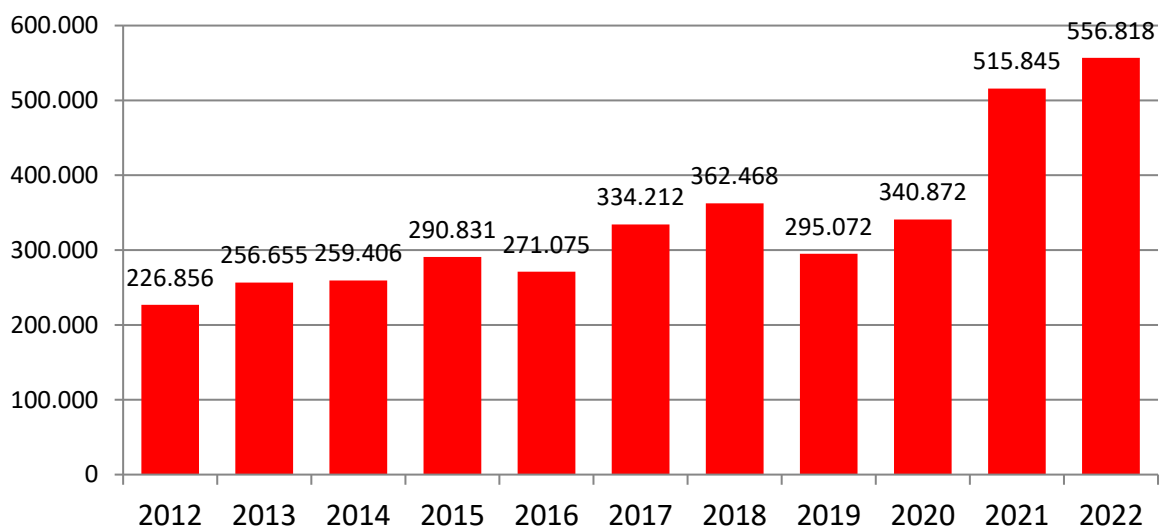


Figure 7: Grants to RU from national competitive research funds 2012-2022, in thousand ISK (Source: The Icelandic Centre for Research – RANNÍS and other Icelandic competitive funds).

In the period 2012-2022, the total allocation from national competitive funds has increased from around 227 million ISK in 2012 to around 557 million ISK in 2022, see figure 7 above.

Figure 8 shows the allocation to RU affiliated scientists from the Icelandic Research Fund (IRF) of the Science and Technology Policy Council. The allocation has increased in the period 2012-2022, i.e., from around 111 million ISK in 2012 to around 499 million ISK in 2022.

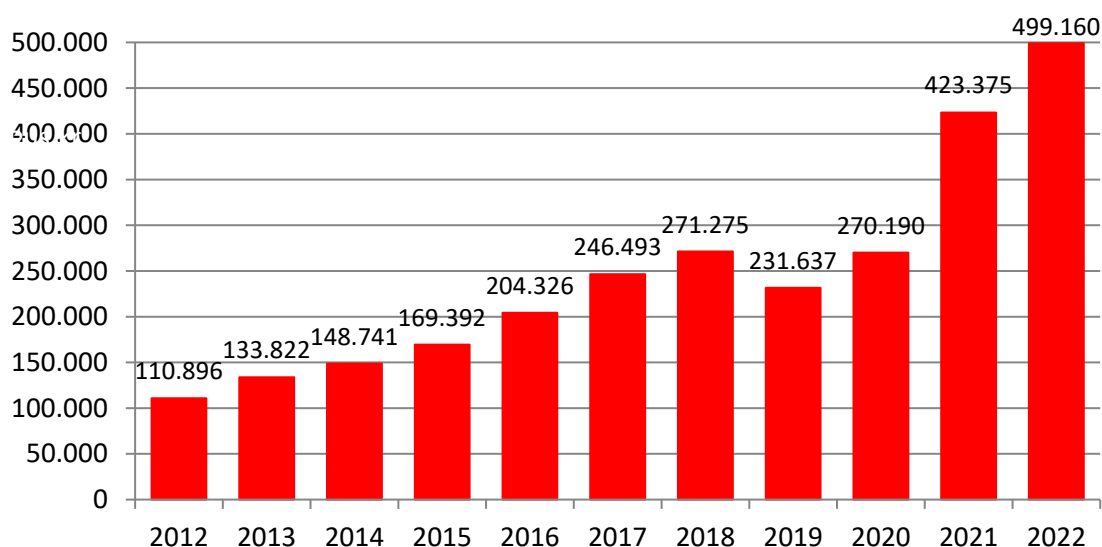


Figure 8: Allocation to RU affiliated scientists from the Icelandic Research Fund 2012-2022, in thousand ISK (Source: The Icelandic Centre for Research – RANNÍS).

Besides receiving grants from national research funds, the University receives several grants from international research funds annually, e.g., grants from the EU Framework Program. Figure 9 shows foreign grant revenues 2012-2022.

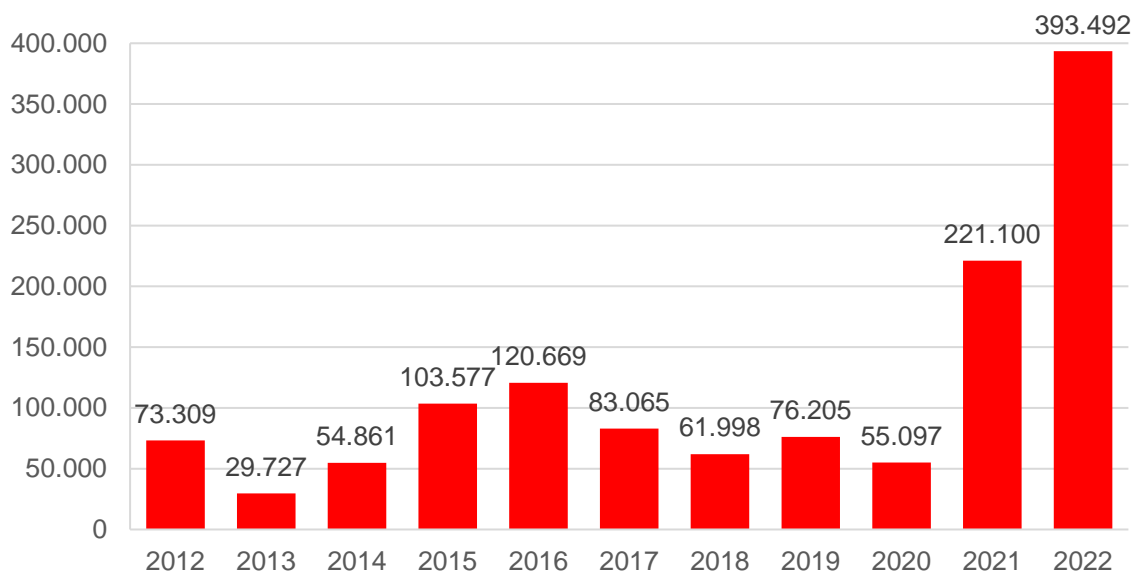
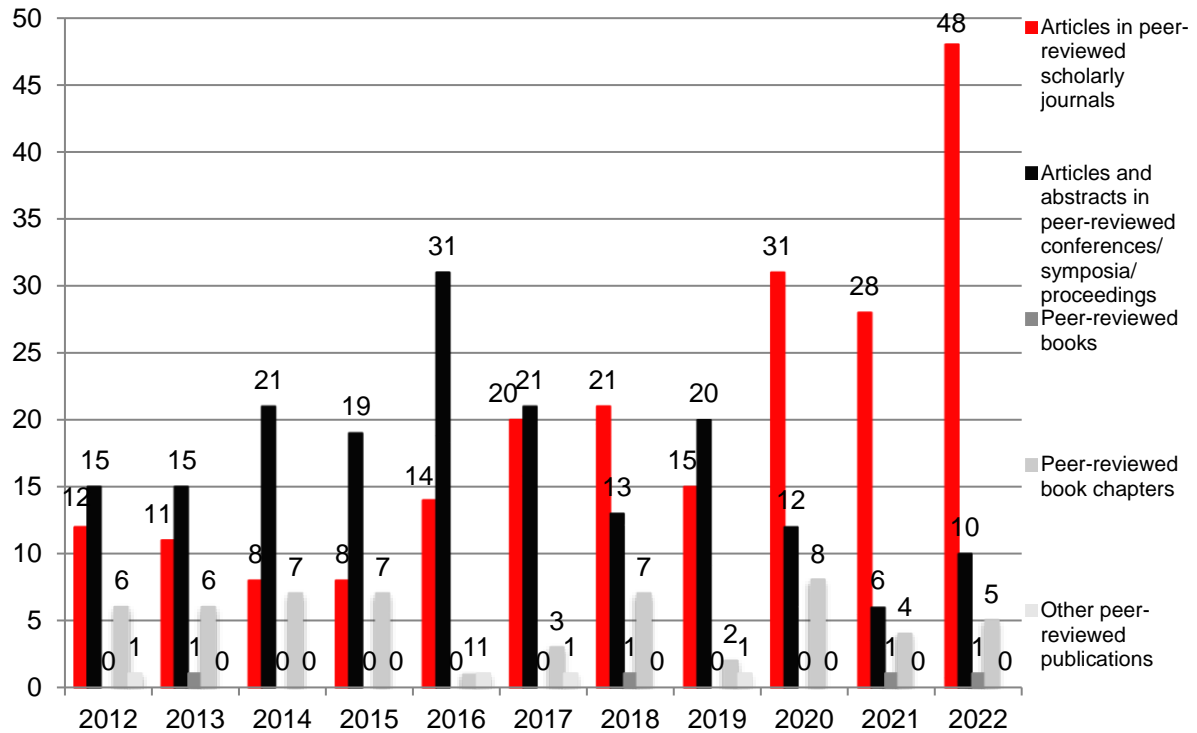


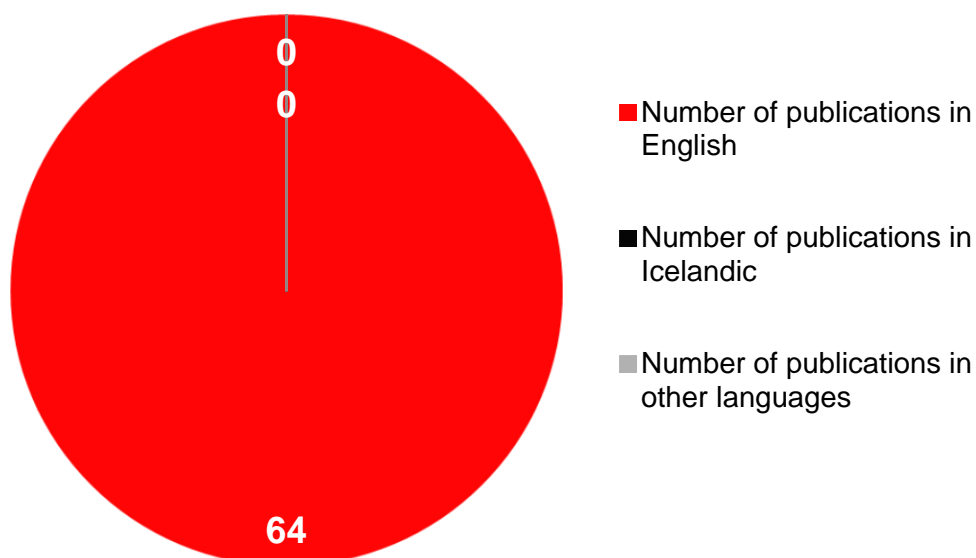
Figure 9: Foreign grant revenues 2012-2022, in thousand ISK (Source: RU Finance Department).

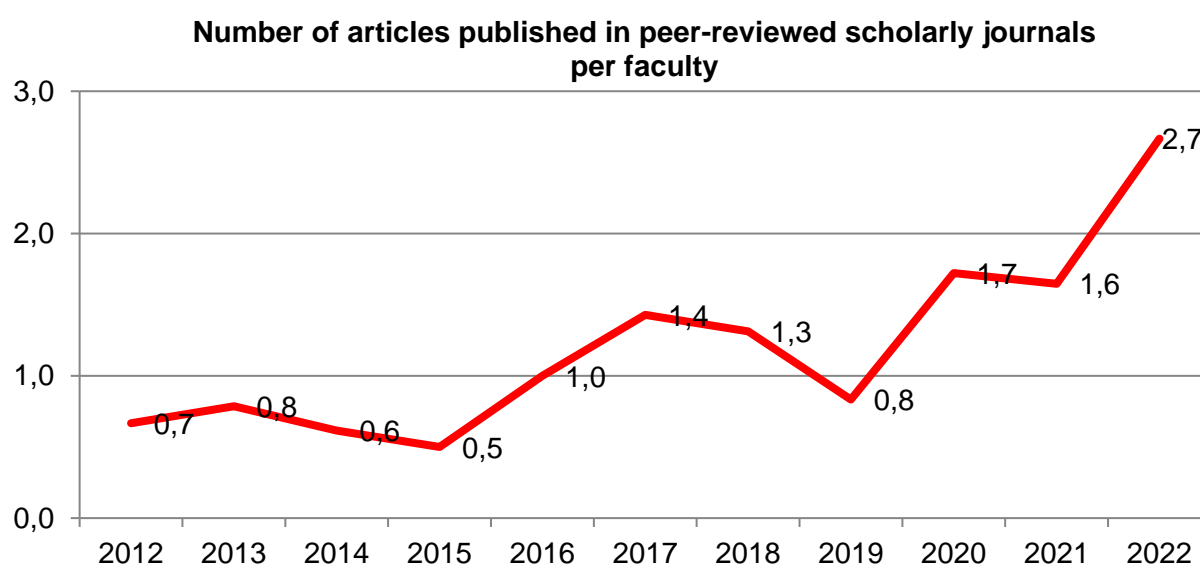
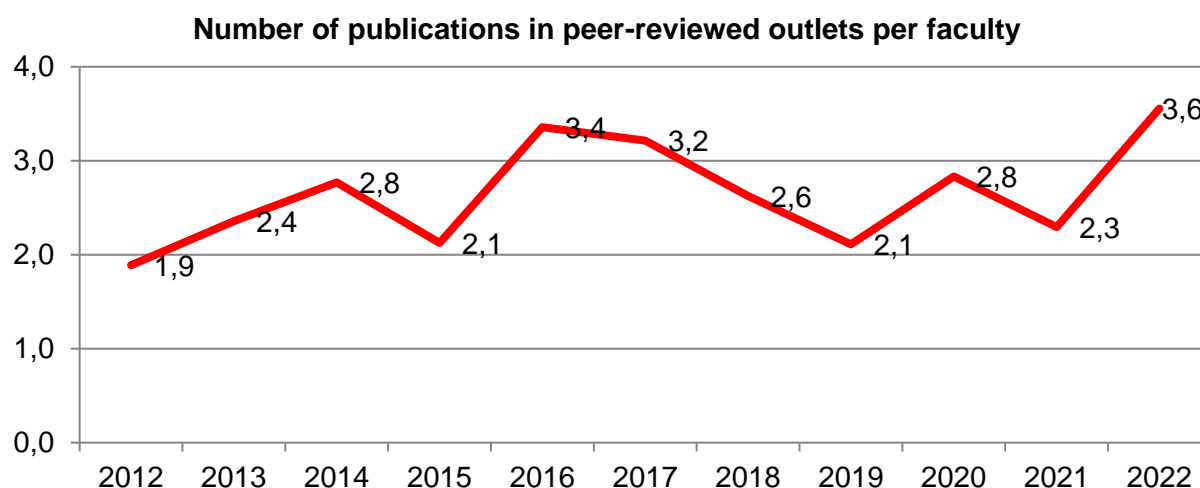
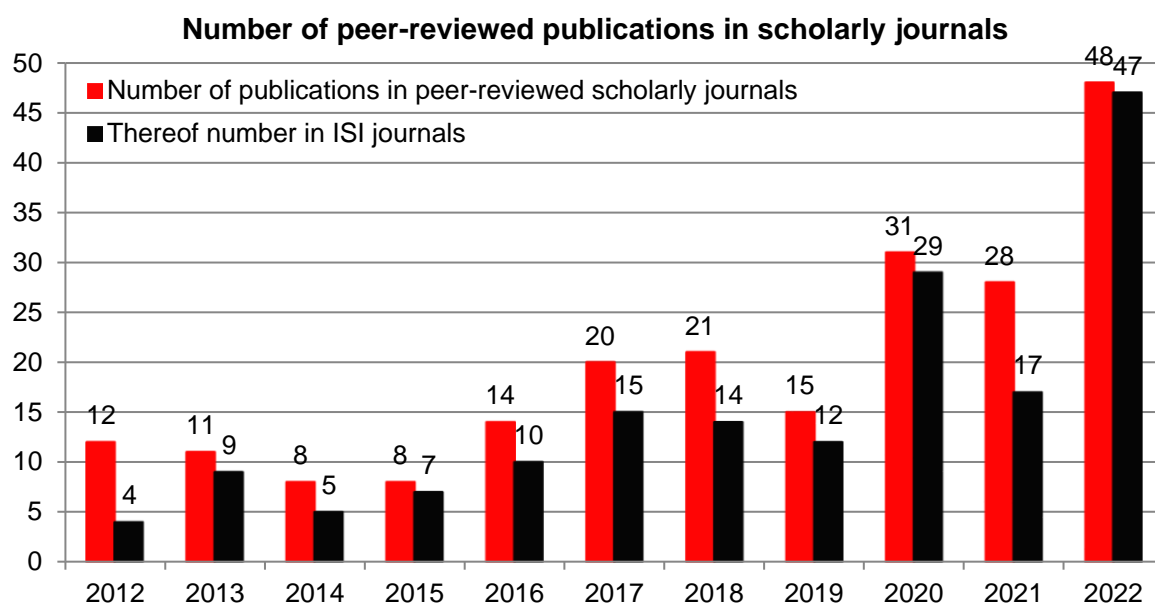
Appendix I – Publications in peer-reviewed outlets at RU departments

A: RU affiliated publications in peer-reviewed outlets 2012-2022 – Dept. of Business Administration

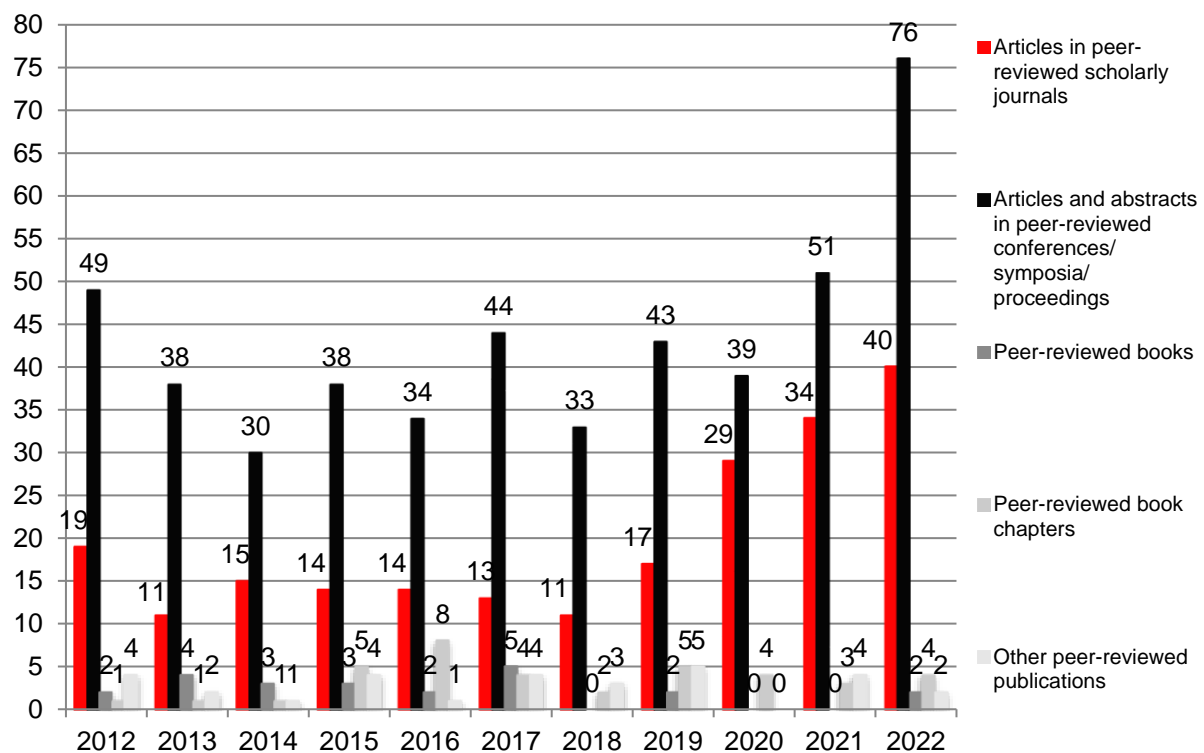


Number of publications in peer-reviewed outlets per language 2022

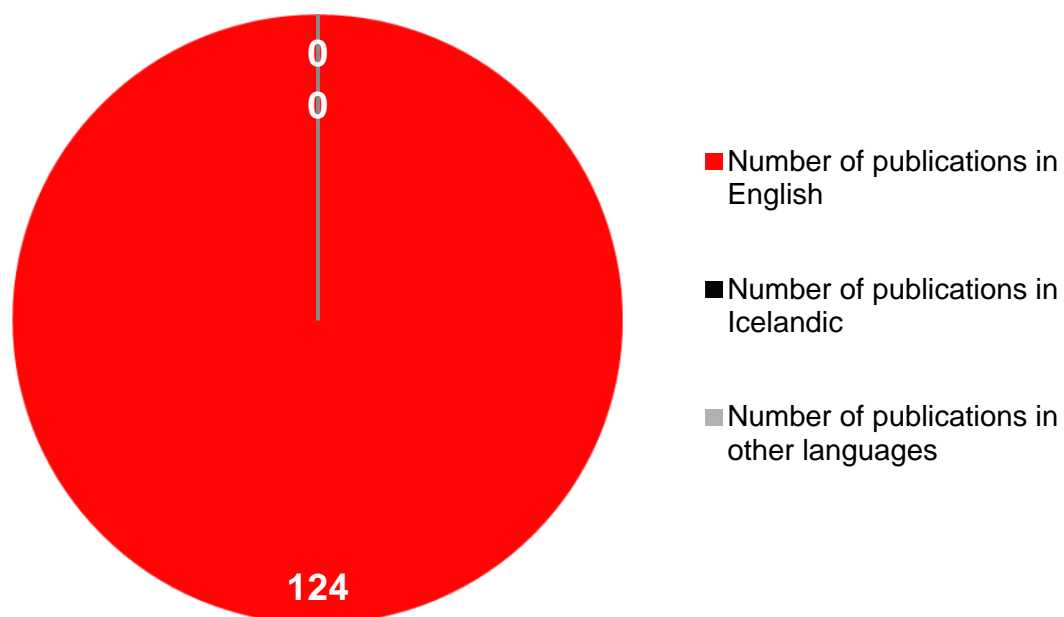


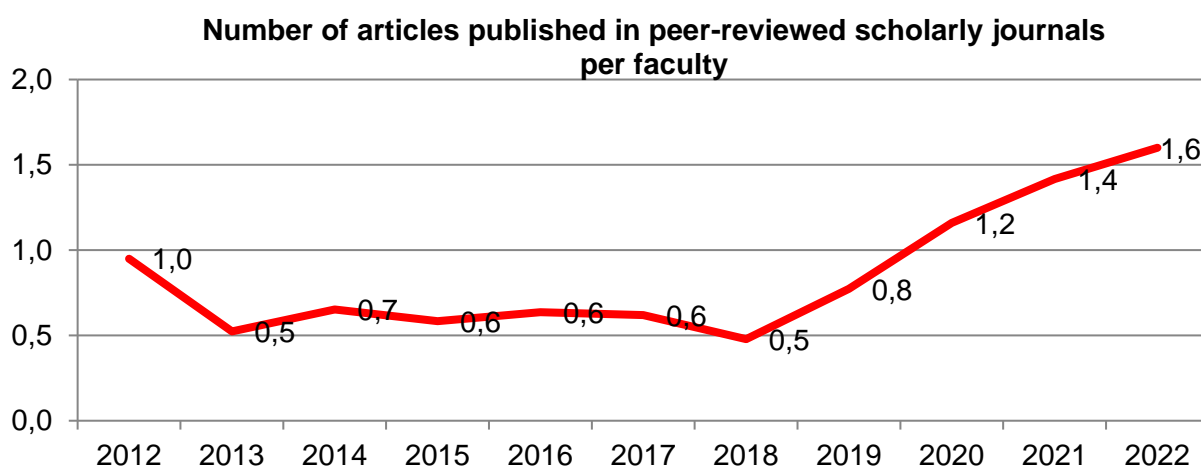
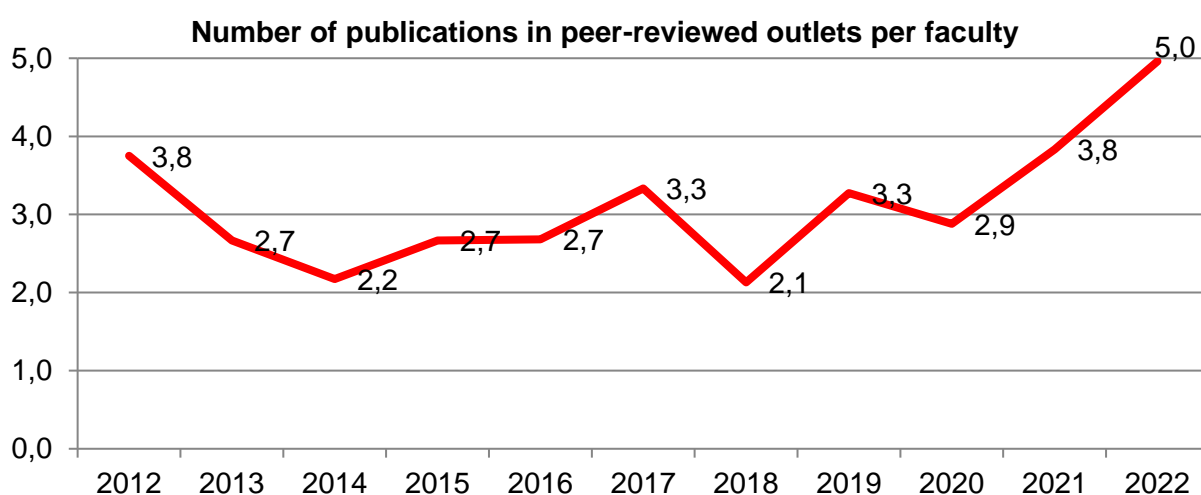
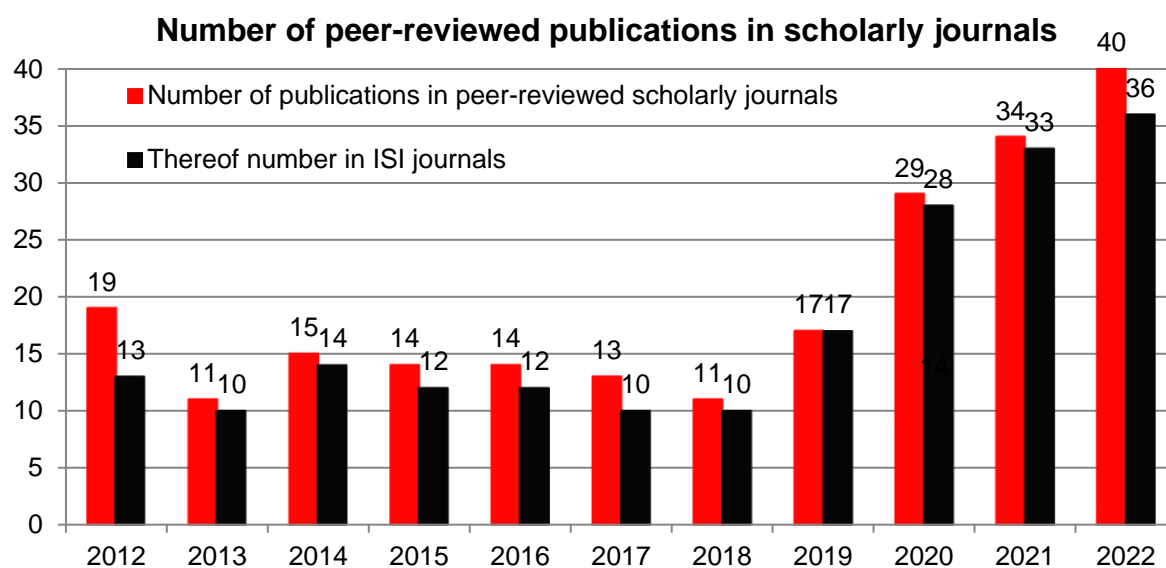


B: RU affiliated publications in peer-reviewed outlets 2012-2022 – Dept. of Computer Science



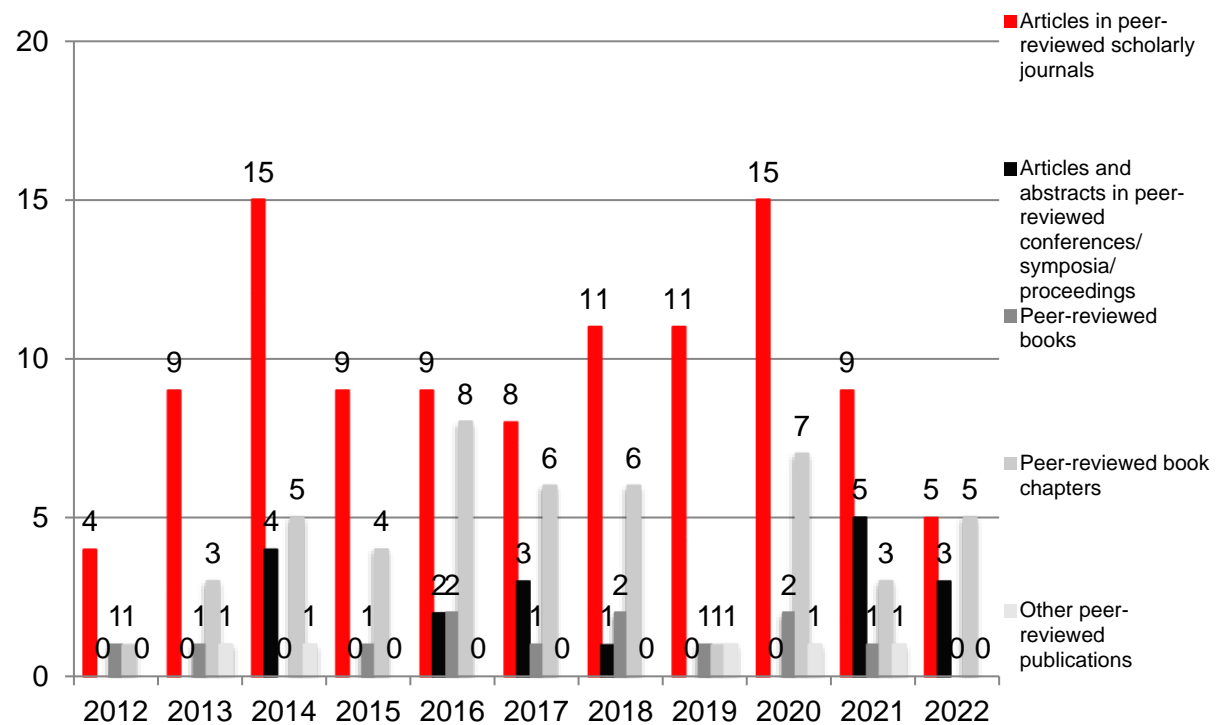
Number of publications in peer-reviewed outlets per language
2022



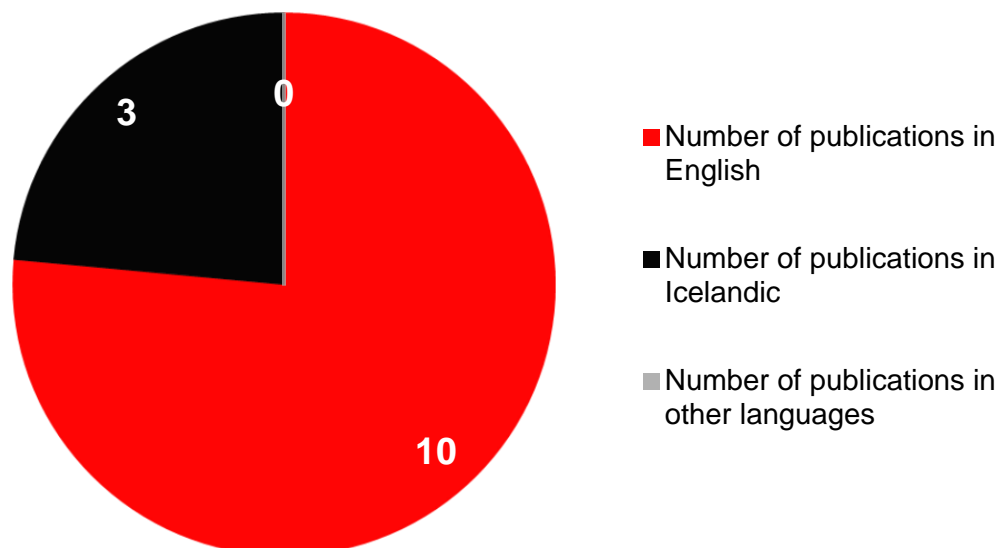


Department of Computer Science publishes proportionally and noticeably more in conference proceedings than other RU departments (see above). Around 95% of Dept. of Computer Science peer-reviewed publications in conference proceedings are articles!

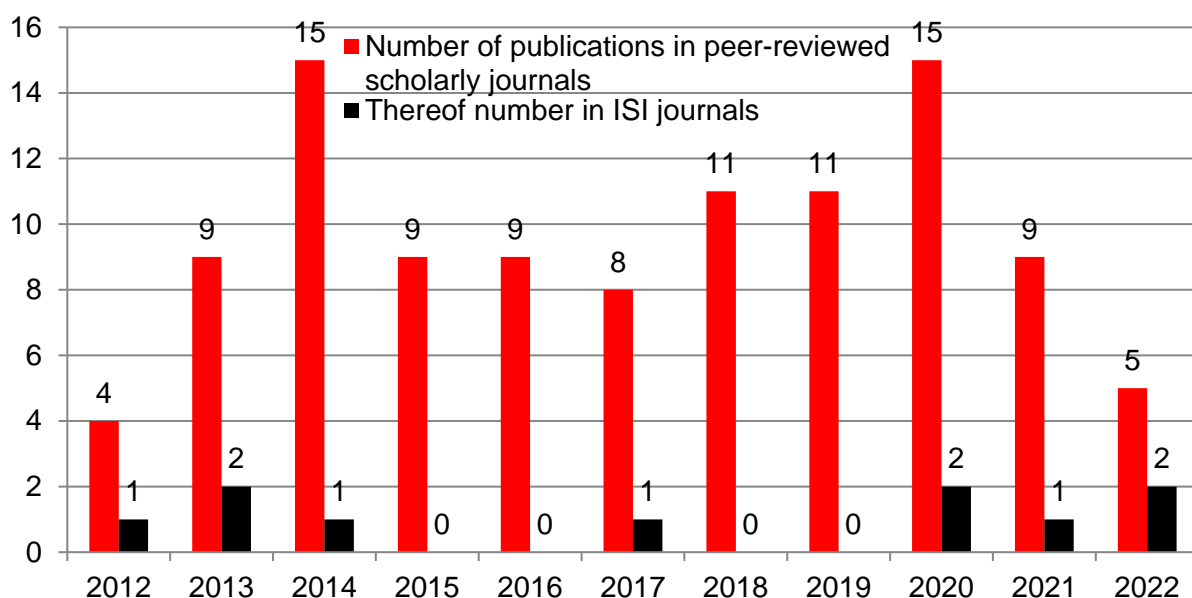
C: RU affiliated publications in peer-reviewed outlets 2012-2022 – Dept. of Law



Number of publications in peer-reviewed outlets per language 2022

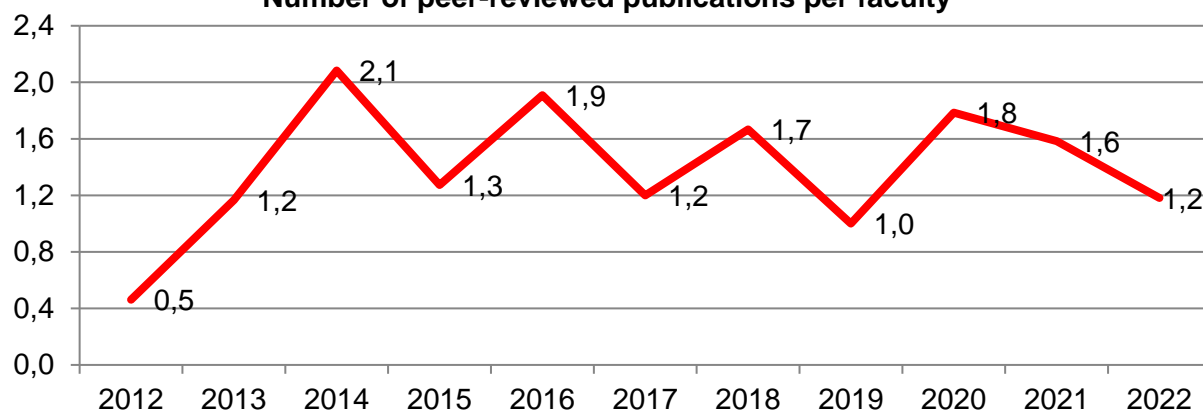


Number of peer-reviewed publications in scholarly journals

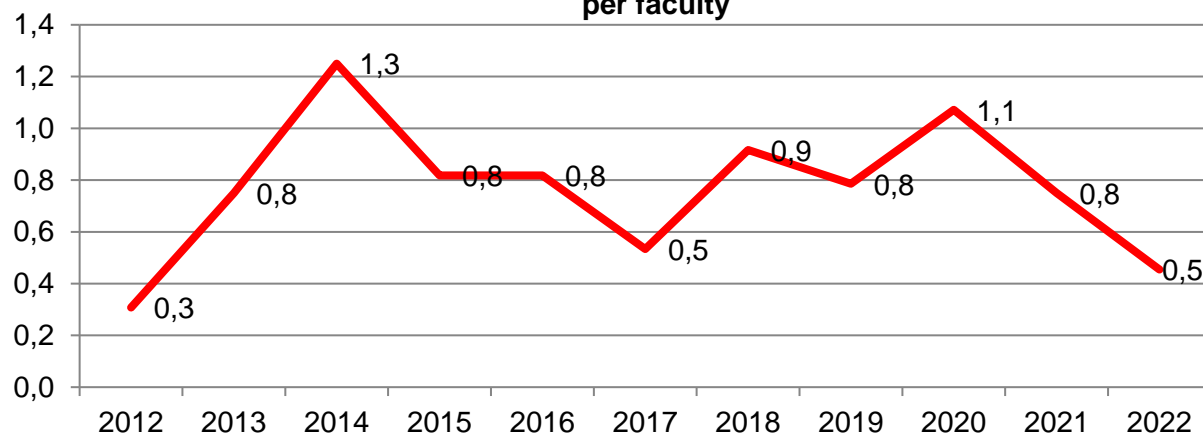


Note! Department of Law publishes proportionally and noticeably more in Icelandic journals and in Icelandic than other RU departments (see above).

Number of peer-reviewed publications per faculty

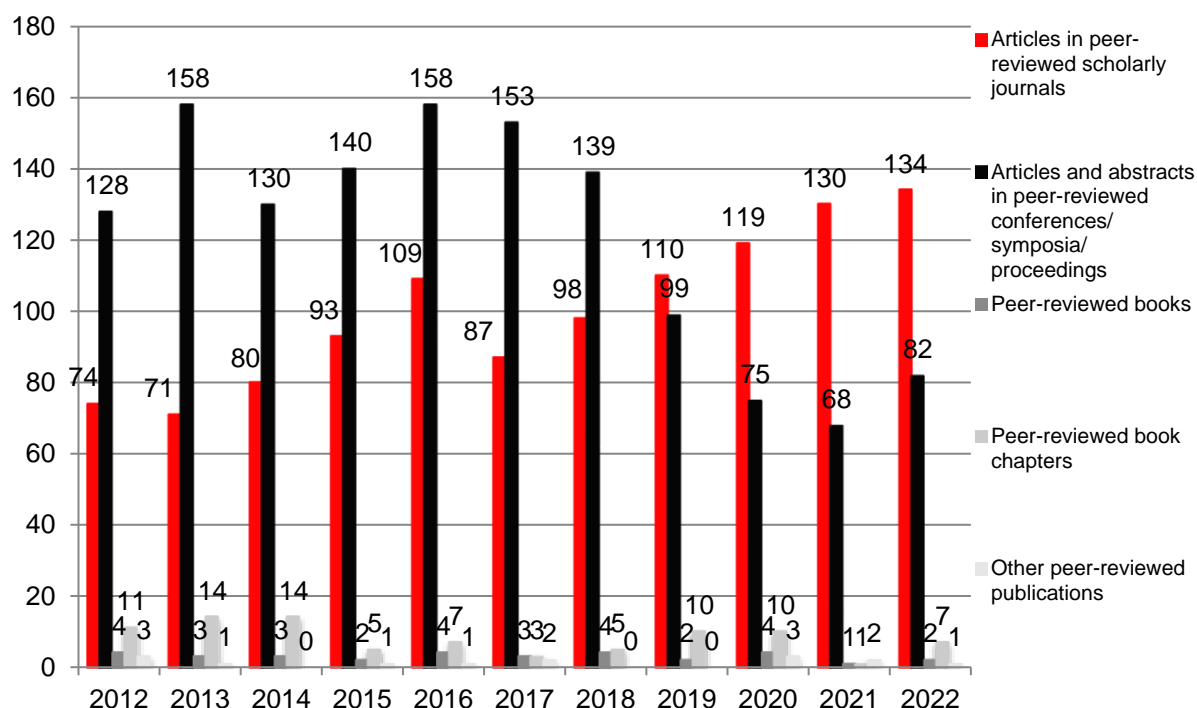


Number of articles published in peer-reviewed scholarly journals per faculty

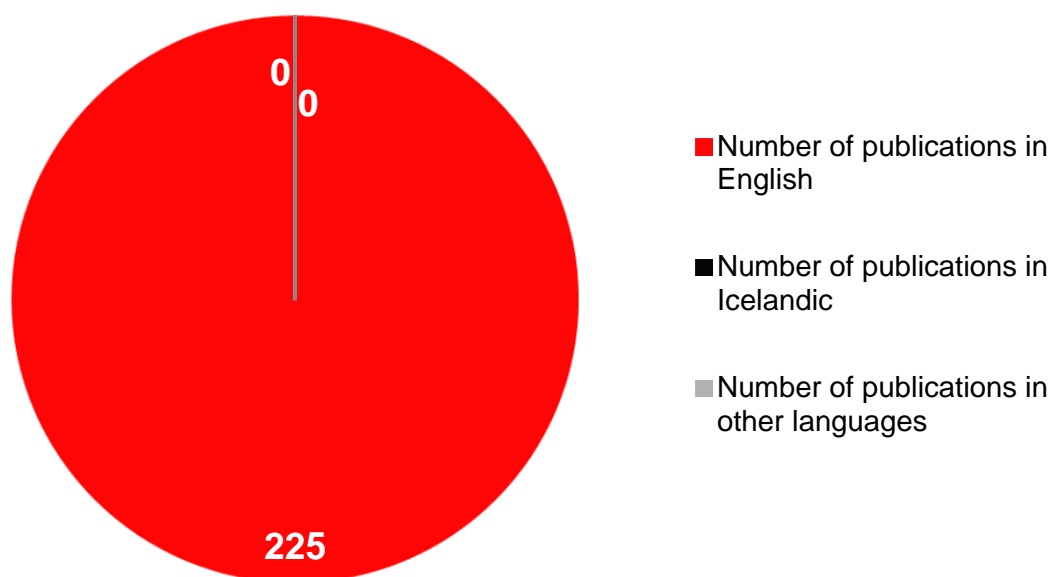


D: RU affiliated publications in peer-reviewed outlets 2012-2022 – Dept. of Engineering

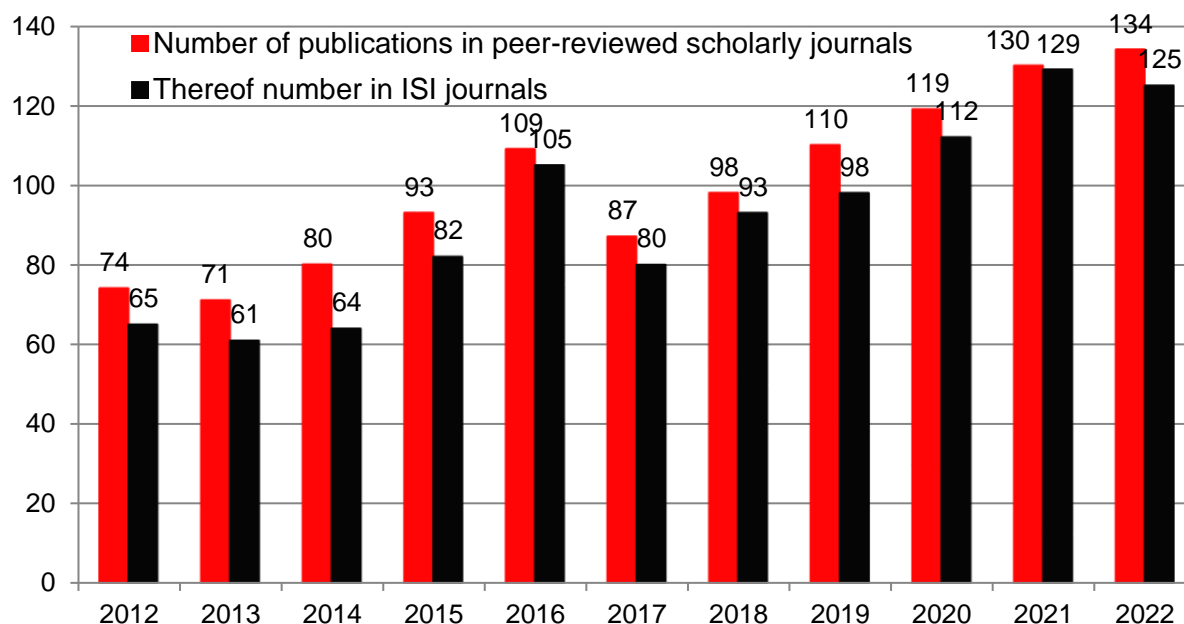
(The years 2012-2018 include publications from two academics from the current Department of Applied Engineering. In 2019 the organisational structure of the University was changed, i.e., the former School of Science and Engineering became the current Department of Engineering and the Department of Applied Engineering)



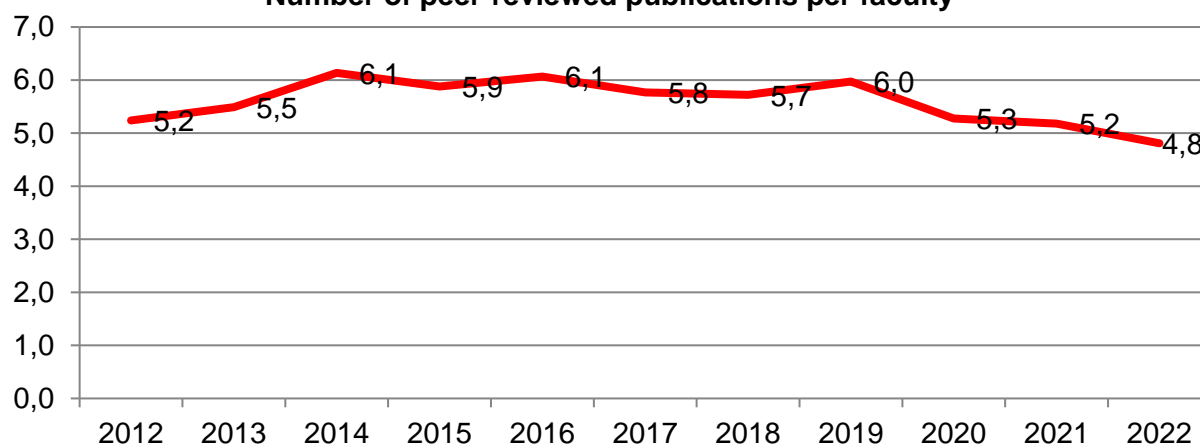
Number of publications in peer-reviewed outlets per language 2022



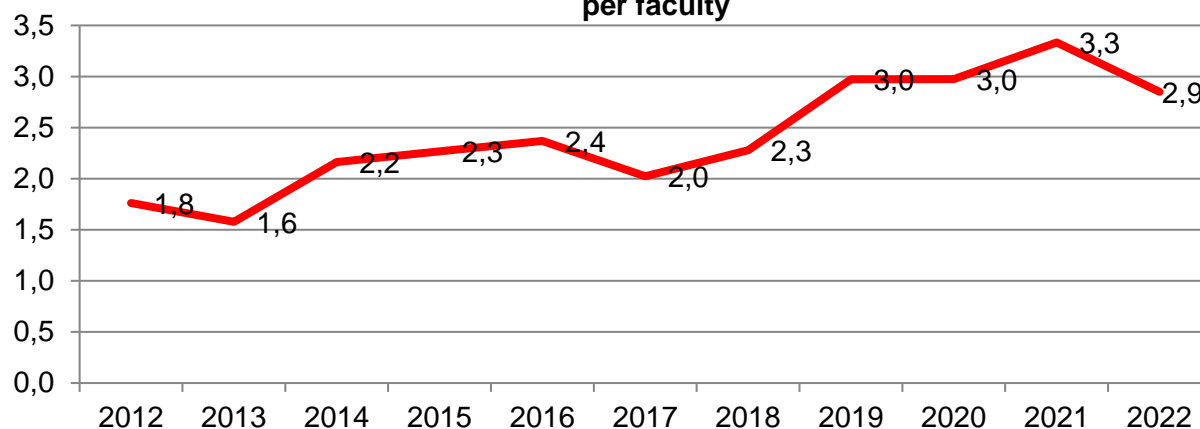
Number of peer-reviewed publications in scholarly journals



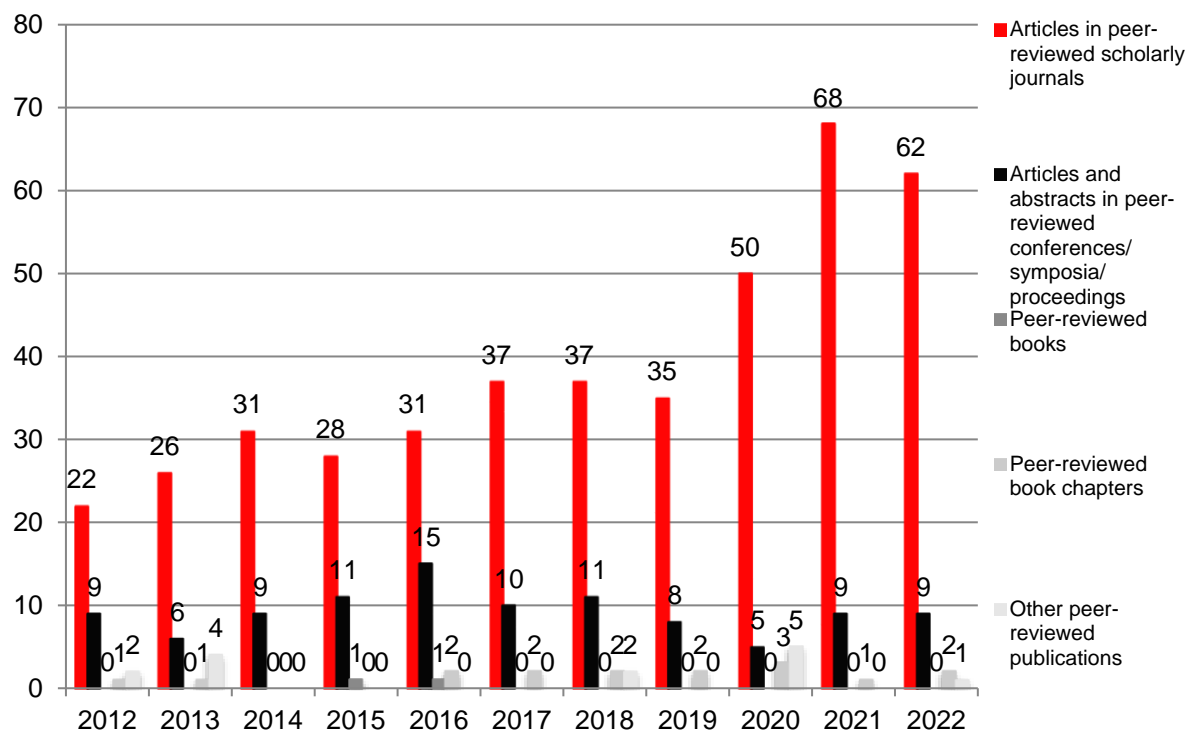
Number of peer-reviewed publications per faculty



Number of articles published in peer-reviewed scholarly journals per faculty



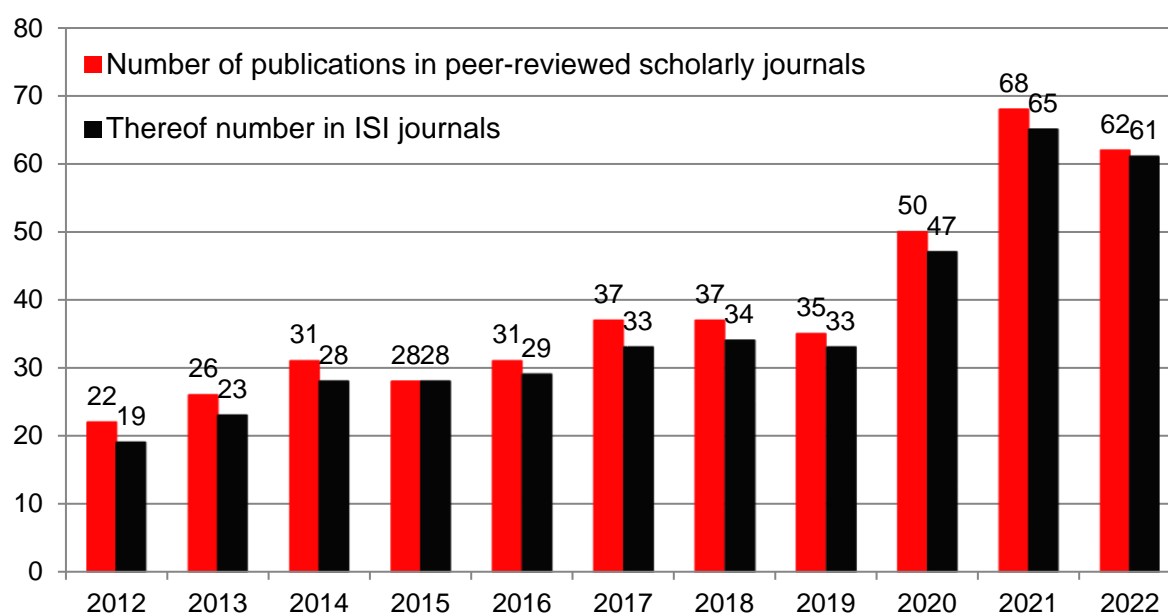
E: RU affiliated publications in peer-reviewed outlets 2012-2022 – Dept. of Psychology



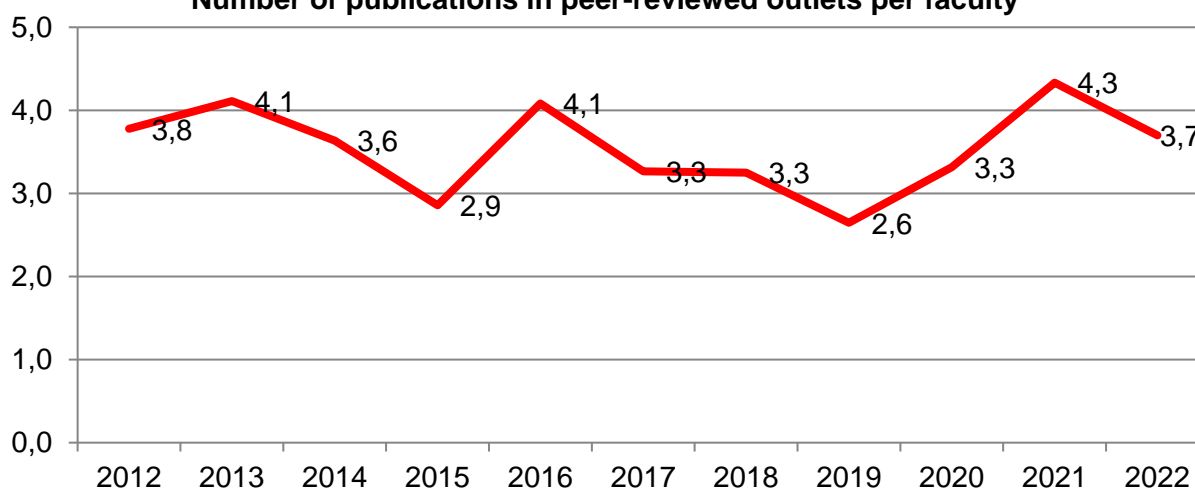
Number of RU affiliated publications in peer-reviewed outlets per language 2022



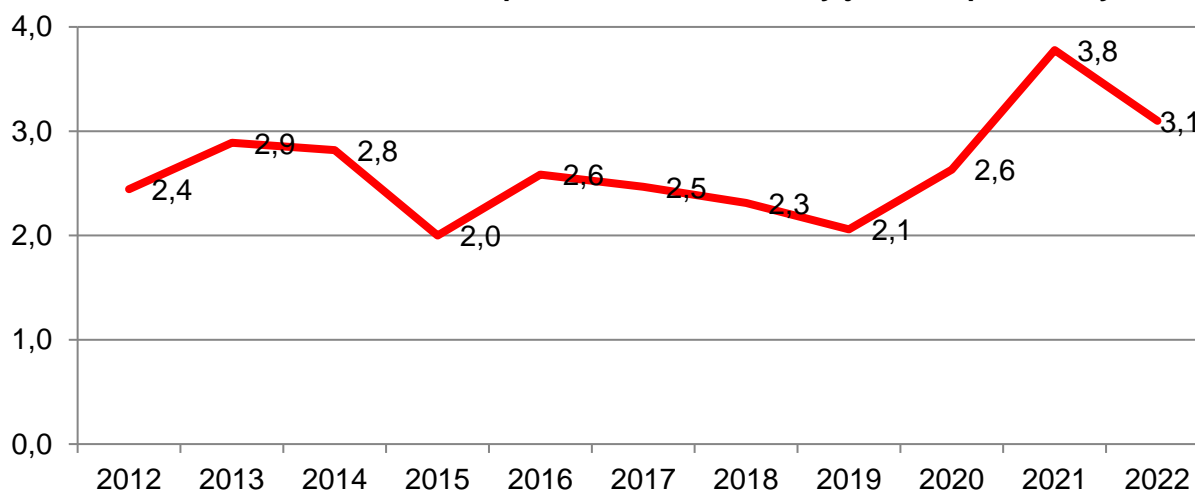
Number of peer-reviewed publications in scholarly journals



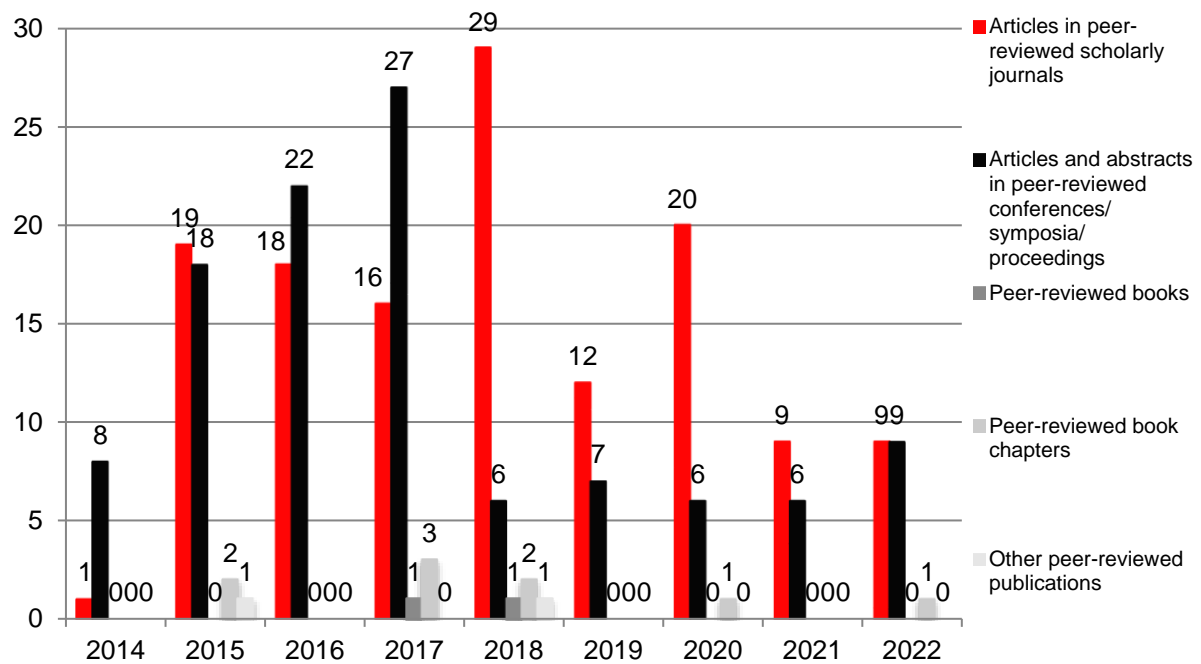
Number of publications in peer-reviewed outlets per faculty



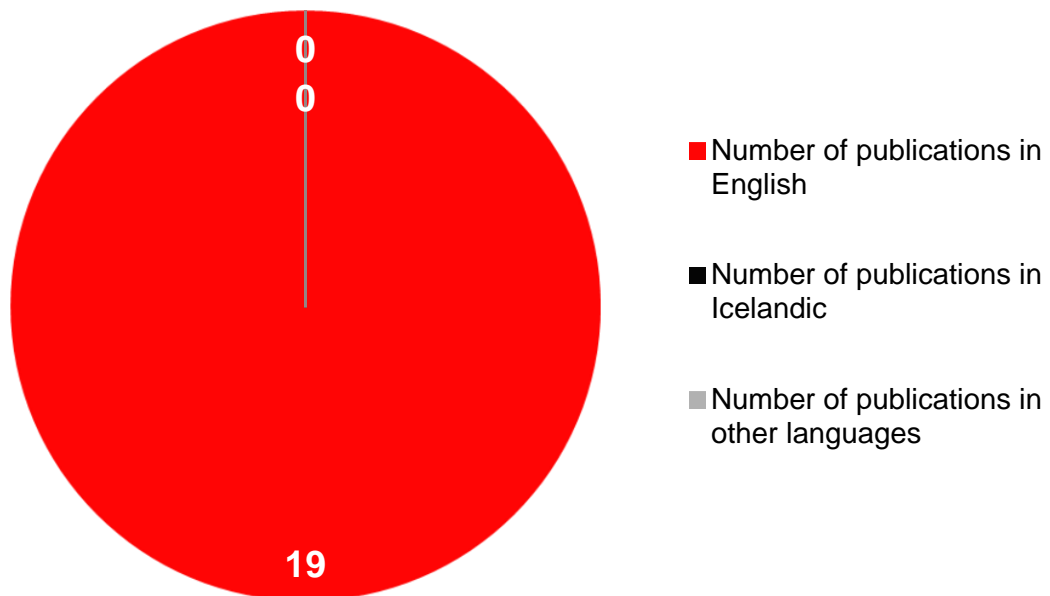
Number of articles in peer-reviewed scholarly journals per faculty



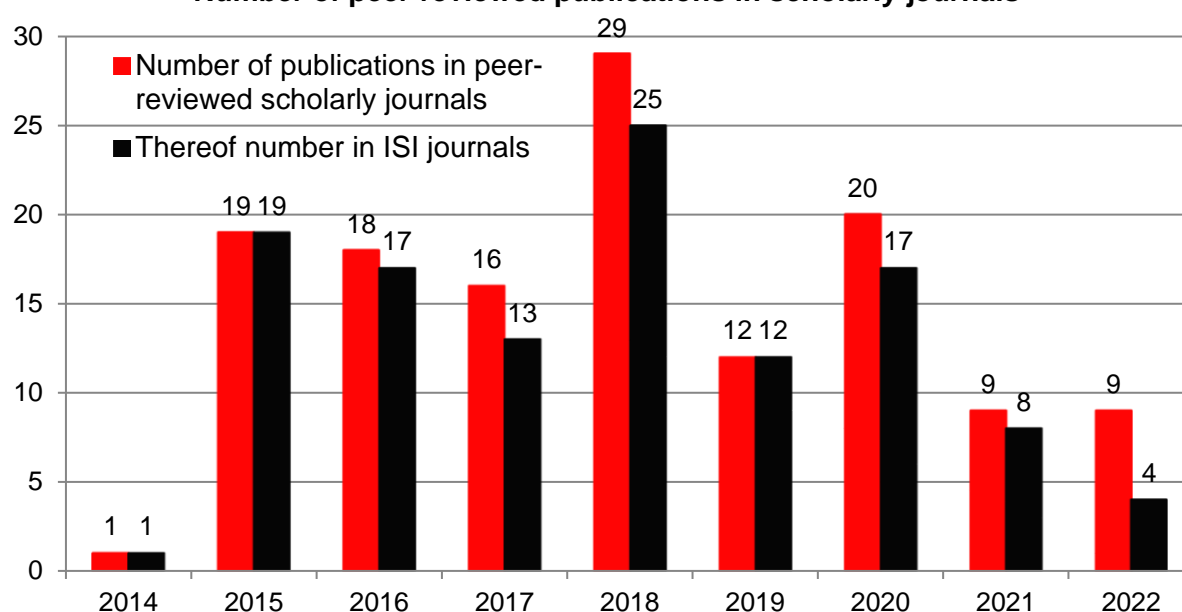
F: RU affiliated publications in peer-reviewed outlets 2014-2022 – Dept. of Sport Science



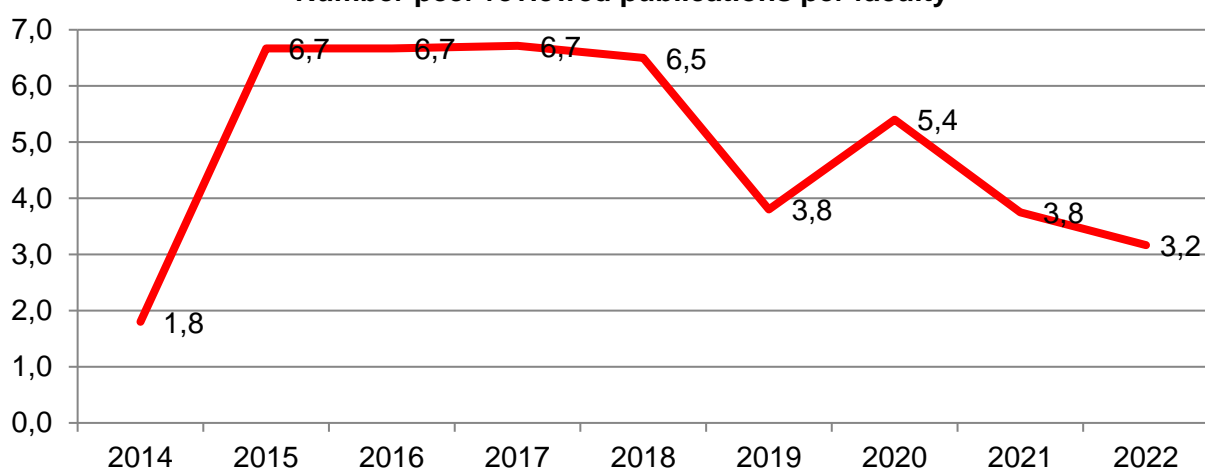
Number of publications in peer-reviewed outlets per language
2022



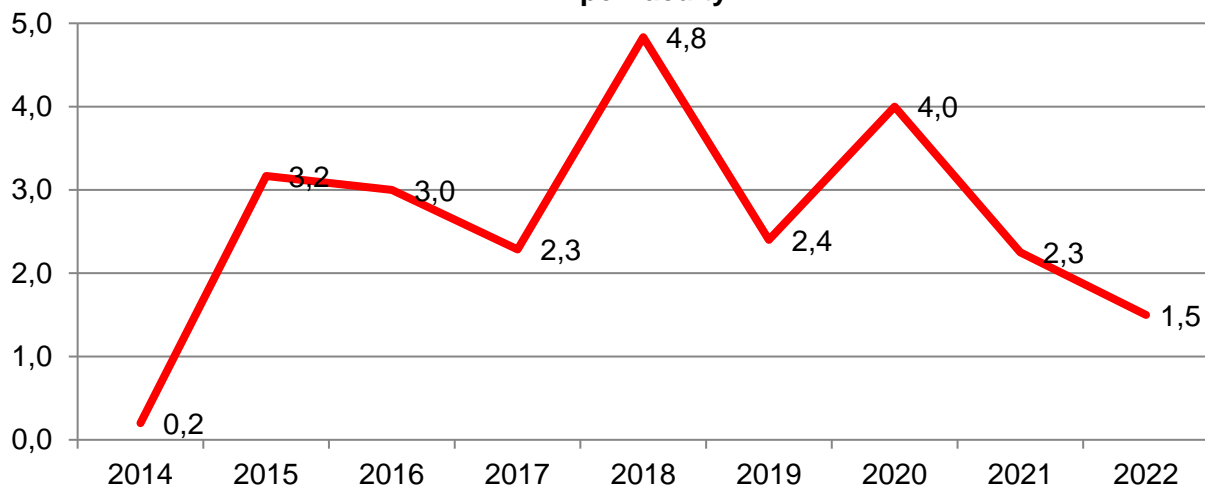
Number of peer-reviewed publications in scholarly journals



Number peer-reviewed publications per faculty



Number of articles published in peer-reviewed scholarly journals per faculty



G: Publications in peer-reviewed outlets – Dept. of Applied Engineering

Only two faculty members at Department of Applied Engineering do research and submit research reports. These two researchers had positions at School of Science and Engineering until 2019. That year the School was divided into two departments, i.e., Dept. of Engineering and Dept. of Applied Engineering. Publications at Dept. of Engineering (see above) include publications from the two researchers from the Dept. of Applied Engineering, but only for the years 2012–2018. Note, that publications from the two researchers at Dept. of Applied Engineering, are included in publications of the University 2019-2022.



Appendix II - Research grants from national competitive funds

A: Grants 2012

Principal Investigator	Project title	Type of grant	Allocated (Thousand ISK)
THE ICELANDIC RESEARCH FUND 2012			
Andrei Manolescu	Coulomb interaction and current flow in quantum devices	Project grant	5.760
Anna Ingólfssdóttir	Processes and Modal Logics (PROMOLO)	Project grant	4.900
Ágúst Valfells	Properties of microscopic vacuum electronic devices	Project grant	3.892
Ármann Gylfason	Lagrangian dynamics in convective turbulence	Project grant	7.580
Inga Dóra Sigfúsdóttir	Multilevel Analysis of Risk and Protective Factors for Risky Behaviours in Adolescents	Project grant	5.400
Jack James	Biobehavioural Analysis of Adolescent Reactivity to Stress	Project grant	6.560
Kristinn R. Þórisson	Robust Continuous Machine Learning of Complex Realtime Communication	Project grant	6.490
Luca Aceto	Meta-Theory of Algebraic Process Theories	Project grant	6.660
Magnús Már Halldórsson	Algorithms for ad-hoc and sensor networks	Grant of excellence	15.670
Marco Raberto	Financial instability, credit rationing and business cycles in an agent-based model: The case of Iceland	Project grant	8.020
Marjan Sirjani	Timed Asynchronous Reactive Objects in Distributed Systems: TARO	Project grant	8.520
Rögnvaldur J. Sæmundsson	The relationship between aesthetic design and innovation performance	Project grant	5.876
Sigurður Ingi Erlingsson	Coherent population trapping as a probe of non-Markovian decay	Project grant	3.530
Slawomir Koziel	Robust Automated Surrogate-Based Optimization of Microwave and RF Structures and Devices	Project grant	4.440
Slawomir Koziel	Computer aided design methodologies for microwave and millimetre-wave substrate integrated circuits for wireless applications	Project grant	4.440
Ute Schiffl	Analysing Software Encoding Techniques: ASET	Postdoctoral grant	6.378
Yngvi Björnsson	General Intelligence Problem-Solving Agents	Project grant	6.780
		Total:	110.896
STRATEGIC RESEARCH PROGRAMME FOR CENTRES OF EXCELLENCE AND RESEARCH CLUSTERS 2012			
Kristinn R. Þórisson	Icelandic Institute for Intelligent Machines	Grant of excellence	55.000
		Total:	55.000
THE TECHNOLOGY DEVELOPMENT FUND 2012			
Eyjólfur Ingi Ásgeirsson / Hlynur Stefánsson	AGR Promotions	Project grant	10.000
Ágúst Valfells	EVA System	Project grant	10.000

Jón Guðnason/Kristinn Andersen	Automated Pinbone Removal In Cod and Whitefish (APRICOT)	Project grant	2.300
Eyjólfur Ingi Ásgeirsson	The missing link	Project grant	9.000
Leifur Þór Leifsson	Birdlike UAV	Project grant	10.000
		Total:	41.300
THE ICELANDIC RESEARCH FUND FOR GRADUATE STUDENTS 2012			
Ali Jafari / Marjan Sirjani	Timed Asynchronous Reactive Objects in Distributed Systems	Study grant	8.400
		Total:	8.400
LANDSVIRKJUN ENERGY RESEARCH FUND 2012			
Guðrún A. Sævarsdóttir	Relative permeability for two phase flow of water and steam in geothermal reservoirs	Project grant	3.000
Fjóla Guðrún Sigtryggsdóttir	Health monitoring of dams and reservoirs	Project grant	1.500
		Total:	4.500
ICELANDIC ROAD ADMINISTRATION RESEARCH FUND 2012			
Eyþór Rafn Þórhallsson	Fiber reinforced glulam beams	Project grant	2.200
		Total:	2.200
HOUSING FINANCING FUND 2012			
Eyþór Rafn Þórhallsson	Fibre reinforced glulam beams	Project grant	2.200
Eyþór Rafn Þórhallsson	E-module of Icelandic concrete	Project grant	2.360
		Total:	4.560
		TOTAL:	226.856

B: Grants 2013

Principal Investigator	Project title	Type of grant	Allocated (Thousand ISK)
THE ICELANDIC RESEARCH FUND 2013			
Ágúst Valfells	Properties of microscopic vacuum electronic devices	Project grant	6.955
Ármann Gylfason	Lagrangian dynamics in convective turbulence	Project grant	7.710
Dario Della Monica	Decidability and Expressiveness for Interval Temporal Logics	Postdoctoral grant	4.690
Hannes Högni Vilhjálmsson	Icelandic Language and Culture Training in Virtual Reykjavík	Project grant	6.120
Inga Dóra Sigfúsdóttir	Multilevel Analysis of Risk and Protective Factors for Risky Behaviours in Adolescents	Project grant	8.195
Jack James	Biobehavioural Analysis of Adolescent Reactivity to Stress	Project grant	6.860
Jack James	Effects of Dietary Caffeine Amongst Icelandic Youth	Project grant	6.654
Kamilla Rún Jóhannsdóttir	Monitoring cognitive workload in ATC using speech analysis	Project grant	5.130
Karl Ægir Karlsson	The behavioural and electrophysiological effects of Kcna and bHLH knock-down on sleep in zebrafish	Project grant	4.402

Kristinn R. Þórisson	Robust Continuous Machine Learning of Complex Realtime Communication	Project grant	6.490
Leifur Þór Leifsson	Aerodynamic Shape Optimization by Physics-Based Surrogates	Project grant	4.440
Magnús Már Halldórsson	Design of Ad-Hoc Wireless Networks	Grant of Excellence	21.520
Marco Raberto	Financial instability, credit rationing and business cycles in an agent-based model: the case of Iceland	Project grant	5.800
Marjan Sirjani	Timed Asynchronous Reactive Objects in Distributed Systems: TARO	Project grant	4.180
Sigurður Freyr Hafstein	Algorithms to compute Lyapunov functions	Project grant	3.480
Slawomir Marcin Koziel	Robust Automated Surrogate-Based Optimization of Microwave and RF Structures and Devices	Project grant	4.440
Slawomir Marcin Koziel	Computer aided design methodologies for microwave and millimetre-wave substrate integrated circuits for wireless applications	Project grant	4.440
Slawomir Marcin Koziel	Characterization, modelling, and design methodologies for integrated photonic components and circuits	Project grant	5.636
Stephan Schiffel	Combining Heuristic Search and Monte-Carlo Methods in General Game Playing	Postdoctoral grant	6.340
Yngvi Björnsson	Simulation- and Heuristic-Based Search in General Game Playing and Beyond	Project grant	10.340
		Total:	133.822
STRATEGIC RESEARCH PROGRAMME FOR CENTRES OF EXCELLENCE AND RESEARCH CLUSTERS 2013			
Kristinn R. Þórisson	Icelandic Institute for Intelligent Machines	Grant of excellence	55.000
		Total:	55.000
THE TECHNOLOGY DEVELOPMENT FUND 2013			
Jón Guðnason/Birgir Már Þorgeirsson	Personal Based ATC Training	Project grant	6.981
Karl Ægir Karlsson	Trawling for novel sleep medications	Project grant	10.000
Eyjólfur Ingi Ásgeirsson / Hlynur Stefánsson	AGR Promotions	Project grant	10.000
Jón Guðnason/Kristinn Andersen	Automated Pinbone Removal In Cod and Whitefish (APRICOT)	Project grant	10.000
Eyjólfur Ingi Ásgeirsson	The missing link	Project grant	9.000
Leifur Þór Leifsson	Birdlike UAV	Project grant	10.000
		Total:	55.981
LANDSVIRKJUN ENERGY RESEARCH FUND 2013			
Halldór Guðfinnur Svavarsson	Thermoelectric applications of silicon nanowires	Project grant	3.500
		Total:	3.500
INFRASTRUCTURE FUND 2013			
Jack James	Biobehavioural Studies of Stress	Equipment grant	6.352
		Total:	6.352
THE MINISTRY OF EDUCATION, SCIENCE AND CULTURE 2013			

Ásrún Matthíasdóttir	Technical education efficiency	Project grant	2.000
		Total:	2.000
		TOTAL:	256.655

C: Grants 2014

Principal Investigator	Project title	Type of grant	Allocated (Thousand ISK)
THE ICELANDIC RESEARCH FUND 2014			
Ágúst Valfells	Properties of microscopic vacuum electronic devices	Project grant	7.990
Ármann Gylfason	Lagrangian dynamics in convective turbulence	Project grant	4.690
Bahman Pourvatan	Abelian Groups for Algebraic Constraint Automata	Postdoctoral grant	6.336
Dario Della Monica	Decidability and Expressiveness for Interval Temporal Logics	Postdoctoral grant	4.690
Hannes Högni Vilhjálmsson	Icelandic Language and Culture Training in Virtual Reykjavík	Project grant	7.000
Leifur Þór Leifsson	Aerodynamic Shape Optimization by Physics-Based Surrogates	Project grant	4.440
Magnús Már Halldórsson	Design of Ad-Hoc Wireless Networks	Grant of Excellence	19.340
Kamilla Rún Jóhannsdóttir	Monitoring cognitive workload in ATC using speech analysis	Project grant	5.130
Karl Ægir Karlsson	The behavioural and electrophysiological effects of Kcna and bHLH knock-down on sleep in zebrafish	Project grant	3.979
Sigurður Freyr Hafstein	Algorithms to compute Lyapunov functions	Project grant	3.480
Slawomir Marcin Koziel	Characterization, modelling, and design methodologies for integrated photonic components and circuits	Project grant	5.636
Stephan Schiffel	Combining Heuristic Search and Monte-Carlo Methods in General Game Playing	Postdoctoral grant	6.452
Yngvi Björnsson	Simulation- and Heuristic-Based Search in General Game Playing and Beyond	Project grant	6.030
Hannes Högni Vilhjálmsson	Cities that Sustain Us: Using Virtual Reality to Test the Restorative Potential of Future Urban Environments	Project grant	8.321
Henning Arnór Úlfarsson	Finding structure in sets of permutations	Project grant	9.790
Luca Aceto	Nominal Structural Operational Semantics	Project grant	9.306
Slawomir Marcin Koziel	Simulation-Based Computer-Aided Methodologies for Rapid Design and Modelling of Planar and Conformal Front-Ends of Phased Array Antennas	Project grant	8.441
Heiðdís B Valdimarsdóttir	Developing and Testing an Interactive Decision Aid for Newly Diagnosed Prostate Cancer Patients	Project grant	9.980
Karl Ægir Karlsson	ZOMNIAC	Project grant	6.182
Bryndís Björk Ásgeirsdóttir	Support of Parents of Sexually Abused Children	Project grant	6.248

Páll Melsted Ríkharrðsson	Changes in Icelandic Management Accounting Practices since 2008 (ICEMAC 2)	Project grant	5.280
		Total:	148.741
STRATEGIC RESEARCH PROGRAMME FOR CENTRES OF EXCELLENCE AND RESEARCH CLUSTERS 2014			
Kristinn R. Þórisson	Icelandic Institute for Intelligent Machines	Grant of Excellence	55.000
		Total:	55.000
THE TECHNOLOGY DEVELOPMENT FUND 2014			
Karl Ægir Karlsson	Trawling for novel sleep medications	Project grant	10.000
Eyjólfur Ingi Ásgeirsson / Hlynur Stefánsson	AGR Promotions	Project grant	10.000
Jón Guðnason	Speech recognition for Landspítali - automatic transcription of medical imaging study results	Project grant	6.600
Leifur Þór Leifsson	Birdlike UAV	Project grant	10.000
		Total:	36.600
LANDSVIRKJUN ENERGY RESEARCH FUND 2014			
Halldór Guðfinnur Svavarsson	Thermoelectric applications of silicon nanowires	Project grant	3.500
Ágúst Valfells	Operational research on geothermal harnessing	Project grant	2.000
Eypór Rafn Þórhallsson	Safe and reliable structures with regard to earthquake action	Project grant	2.500
		Total:	8.000
INFRASTRUCTURE FUND 2014			
Slawomir Marcin Koziel	Infrastructure for prototyping and measurement of microwave/antenna components and circuits	Equipment grant	6.815
		Total:	6.815
GEORG 2014			
Guðrún Sævarsdóttir	Deep geothermal systems	Project grant	4.250
		Total:	4.250
		TOTAL:	259.406

D: Grants 2015

Principal Investigator	Project title	Type of grant	Allocated (Thousand ISK)
THE ICELANDIC RESEARCH FUND 2015			
Bryndís Björk Ásgeirsdóttir	Support of Parents of Sexually Abused Children	Project grant	6.248
Dario Della Monica	Decidability and Expressiveness for Interval Temporal Logics	Postdoctoral grant	4.690
Hannes Högni Vilhjálmsson	Icelandic Language and Culture Training in Virtual Reykjavík	Project grant	6.880
Hannes Högni Vilhjálmsson	Cities that Sustain Us: Using Virtual Reality to Test the Restorative Potential of Future Urban Environments	Project grant	11.759

Heiðdís B Valdimarsdóttir	Developing and Testing an Interactive Decision Aid for Newly Diagnosed Prostate Cancer Patients	Project grant	9.856
Henning Arnór Úlfarsson	Finding structure in sets of permutations	Project grant	9.955
Jón Guðnason	Model-based speech production analysis and voice quality assessment	Project grant	12.792
Kamilla Rún Jóhannsdóttir	Monitoring cognitive workload in ATC using speech analysis	Project grant	3.630
Karl Ægir Karlsson	ZOMNIAC	Project grant	7.464
Leifur Þór Leifsson	Aerodynamic Shape Optimization by Physics-Based Surrogates	Project grant	4.440
Luca Aceto	Nominal Structural Operational Semantics	Project grant	10.956
Magnús Már Halldórsson	Models of Unreliability and Dynamics in Wireless Networks	Project grant	9.264
Ólafur Eysteinn Sigurjónsson	Bioactivity and characterization of platelet derived substances to be used in regenerative medicine	Project grant	11.820
Paolo Gargiulo, Halldór Jónsson	Clinical evaluation score for Total Hip Arthroplasty planning and postoperative assessment	Project grant	4.050
Sigurður Freyr Hafstein	Algorithms to compute Lyapunov functions	Project grant	3.480
Sigurður Freyr Hafstein	Lyapunov Methods and Stochastic Stability	Project grant	12.552
Slawomir Marcin Koziel	Characterization, modeling, and design methodologies for integrated photonic components and circuits	Project grant	4.440
Slawomir Marcin Koziel	Simulation-Based Computer-Aided Methodologies for Rapid Design and Modeling of Planar and Conformal Front-Ends of Phased Array Antennas	Project grant	7.388
Slawomir Marcin Koziel	Feasible EM-Driven Multi-Objective Design of Antenna Structures	Project grant	8.406
Stephan Schiffel	Combining Heuristic Search and Monte-Carlo Methods in General Game Playing	Postdoctoral grant	6.452
Ýmir Vigfússon	Simulation- and Heuristic-Based Search in General Game Playing and Beyond	Project grant	9.240
Yngvi Björnsson	Detecting outbreaks with mobile phone data	Project grant	3.630
		Total:	169.392
STRATEGIC RESEARCH PROGRAMME FOR CENTRES OF EXCELLENCE AND RESEARCH CLUSTERS 2015			
Kristinn R. Þórisson	Icelandic Institute for Intelligent Machines	Grant of Excellence	55.000
		Total:	55.000
TECHNOLOGY DEVELOPMENT FUND 2015			
Karl Ægir Karlsson	Trawling for novel sleep medications	Project grant	10.000
		Total:	10.000
INFRASTRUCTURE FUND 2015			
Paolo Gargiulo	High Density (256-Channel) EEG system in Iceland for Research, Education and Training	Build-up grant	20.625

Slawomir Marcin Koziel	Anechoic Chamber for High-Frequency Measurements of Antennas and Radiation Fields	Build-up grant	16.599
		Total:	37.224
LSH SCIENCE FUND 2015			
Hannes Högni Vilhjálmsson	A Computer Game for Patient Education	Innovation grant	1.800
Ólafur Eysteinn Sigurjónsson	Development and construction of a bioreactor systems for bone development and development of non-invasive methods to detect bone differentiation in vitro.	Project grant	670
Ólafur Eysteinn Sigurjónsson	Analysing metabolic changes and platelet storage lesion during platelet storage in blood bank settings.	Project grant	475
Ólafur Eysteinn Sigurjónsson	Analysing metabolic changes that occur during red cell concentrate storage: A way to develop better quality red cell concentrates.	Project grant	690
Þórður Helgason	Estimation of shape and polarity of electrical pulses for activating posterior spinal cord roots by transcutaneous spinal cord stimulation	Project grant	655
Þórður Helgason	Ultrasound Current Source Density Imaging for Monitoring Electrical Stimulation Therapy of Denervated Muscles	Project grant	525
		Total:	4.815
ICELANDIC LANGUAGE TECHNOLOGY FUND 2015			
Jón Guðnason	Free and open speech recognition for Icelandic	Project grant	14.400
		Total:	14.400
		TOTAL:	290.831

E: Grants 2016

Principal Investigator	Project title	Type of grant	Allocated (Thousand ISK)
THE ICELANDIC RESEARCH FUND 2016			
Andrei Manolescu	Core/shell nanoantennas	Project grant	10.737
Bryndís Björk Ásgeirsdóttir	Support of Parents of Sexually Abused Children	Project grant	6.248
Hannes Högni Vilhjálmsson	Cities that Sustain Us: Using Virtual Reality to Test the Restorative Potential of Future Urban Environments	Project grant	9.889
Heiðdís B Valdimarsdóttir	Developing and Testing an Interactive Decision Aid for Newly Diagnosed Prostate Cancer Patients	Project grant	9.878
Henning Arnór Úlfarsson	Finding structure in sets of permutations	Project grant	8.030
Jón Guðnason	Model-based speech production analysis and voice quality assessment	Project grant	12.772
Karl Ægir Karlsson	ZOMNIAC	Project grant	8.970
Luca Aceto	Nominal Structural Operational Semantics	Project grant	9.306

Luca Aceto	TheoFoMon: Theoretical Foundations for Monitorability	Project grant	7.975
Magnús Már Halldórsson	Models of Unreliability and Dynamics in Wireless Networks	Project grant	13.872
Marjan Sirjani	SEADA-Pilot	Project grant	13.300
Ólafur Eysteinn Sigurjónsson	Bioactivity and characterization of platelet derived substances to be used in regenerative medicine	Project grant	11.760
Paolo Gargiulo, Halldór Jónsson	Clinical evaluation score for Total Hip Arthroplasty planning and postoperative assessment	Project grant	5.120
Sigurður Freyr Hafstein	Complete Lyapunov functions: Efficient numerical computation	Project grant	14.440
Sigurður Freyr Hafstein	Lyapunov Methods and Stochastic Stability	Project grant	12.888
Slawomir Marcin Koziel	Accelerated Design of Compact RF and Microwave Structures	Project grant	14.175
Slawomir Marcin Koziel	Simulation-Based Computer-Aided Methodologies for Rapid Design and Modelling of Planar and Conformal Front-Ends of Phased Array Antennas	Project grant	10.000
Slawomir Marcin Koziel	Feasible EM-Driven Multi-Objective Design of Antenna Structures	Project grant	8.406
Valdimar Sigurðsson	Experimental Analysis of Online Consumer Behaviour and its Relevance to Online Healthy Food Marketing	Project grant	3.600
Ýmir Vigfússon	Detecting outbreaks with mobile phone data	Project grant	12.960
		Total:	204.326
TECHNOLOGY DEVELOPMENT FUND 2016			
Karl Ægir Karlsson	US Marketing	Marketing grant	10.000
Hannes Högni Vilhjálmsson	Cities that Sustain Us 2: Creating Virtual Futures	Applied research grant	14.860
		Total:	24.860
INFRASTRUCTURE FUND 2016			
Slawomir Marcin Koziel	Equipment for rapid prototyping of multi-layer microwave and 3D antenna structures	Build-up grant	6.602
		Total:	6.602
LSH SCIENCE FUND 2016			
Ólafur Eysteinn Sigurjónsson	Development and construction of a bioreactor systems for bone development and development of non-invasive methods to detect bone differentiation in vitro.	Project grant	405
Ólafur Eysteinn Sigurjónsson	Analysing metabolic changes and platelet storage lesion during platelet storage in blood bank settings.	Project grant	675
Ólafur Eysteinn Sigurjónsson	Analysing metabolic changes that occur during red cell concentrate storage: A way to develop better quality red cell concentrates.	Project grant	835
Ólafur Eysteinn Sigurjónsson	Analysing changes in miRNA profiles during storage of pathogen inactivated platelets	Project grant	845
		Total:	2.760
ICELANDIC LANGUAGE TECHNOLOGY FUND 2016			
Jón Guðnason	Environment for building text-to-speech synthesis for Icelandic	Project grant	23.077
		Total:	23.077

GENDER EQUALITY FUND 2016			
Bjarni Már Magnússon	Gender equality in sports	Project grant	3.300
Haukur Freyr Gylfason	Are Icelandic women more honest than Icelandic men?	Project grant	1.000
		Total:	4.300
LANDSVIRKJUN ENERGY RESEARCH FUND 2016			
Halldór Guðfinnur Svavarsson	Thermoelectric generator based on silicon nanowires	Project grant	3.300
Simon Einarsson	Wind Turbine Reliability Modelling	Master grant	600
		Total:	3.900
LANDSBANKINN SOCIETY GRANT 2016			
Bjarni Már Magnússon	Gender equality in sports	Project grant	500
		Total:	1.500
EDVARÐ SIGURÐSSON MEMORIAL FUND 2016			
Katrín Ólafsdóttir	A closer look at a labor market in crisis: Were women sheltered from the shock?	Project grant	750
		Total:	750
		TOTAL:	271.075

F: Grants 2017

Principal Investigator	Project title	Type of grant	Allocated (Thousand ISK)
THE ICELANDIC RESEARCH FUND 2017			
Jón Guðnason	Model-based speech production analysis and voice quality assessment	Project grant	9.456
Magnús Már Halldórsson	Models of Unreliability and Dynamics in Wireless Networks	Project grant	11.568
Paolo Gargiulo, Halldór Jónsson	Clinical evaluation score for Total Hip Arthroplasty planning and postoperative assessment	Project grant	4.570
Sigurður Freyr Hafstein	Lyapunov Methods and Stochastic Stability	Project grant	10.560
Slawomir Marcin Koziel	Feasible EM-Driven Multi-Objective Design of Antenna Structures	Project grant	12.696
Ýmir Vigfússon	Detecting outbreaks with mobile phone data	Project grant	9.840
Ólafur Eysteinn Sigurjónsson	Bioactivity and characterization of platelet derived substances to be used in regenerative medicine	Project grant	10.260
Andrei Manolescu	Core/shell nanoantennas	Project grant	14.745
Sigurður Freyr Hafstein	Complete Lyapunov functions: Efficient numerical computation	Project grant	15.044
Luca Aceto	TheoFoMon: Theoretical Foundations for Monitorability	Project grant	13.612
Marjan Sirjani	SEADA-Pilot	Project grant	14.305
Slawomir Marcin Koziel	Accelerated Design of Compact RF and Microwave Structures	Project grant	13.915
Valdimar Sigurðsson	Experimental Analysis of Online Consumer Behaviour and its Relevance to Online Healthy Food Marketing	Project grant	11.926
Ágúst Valfells	DC Vacuum-Microdiode Arrays as Tuneable THz Sources	Project grant	14.375

Hannes Högni Vilhjálmsson	Character Territoriality: Social Spatial Reasoning for Digital Actors	Project grant	17.262
Leifur Þór Leifsson	Turbulence Modelling Using Full Field Inversion and Physics-based Surrogates	Project grant	14.182
Magnús Már Halldórsson	Post-modern models of wireless algorithms	Project grant	15.625
Paolo Gargiulo, Ceon Ramon	Modelling of Cranial Muscle Artefacts in EEG Data	Project grant	6.135
Slawomir Marcin Koziel	Computer-aided methods for design of circularly polarized antennas and antenna arrays	Project grant	13.757
Kristinn Torfason	Vacuum Electronics	Postdoctoral grant	7.800
Ingibjörg Eva Þórisdóttir	Risk and protective factors for adolescent depressed mood and anxiety: A biopsychosocial approach	Doctoral student grant	4.860
		Total:	246.493
TECHNOLOGY DEVELOPMENT FUND 2017			
Karl Ægir Karlsson	Development of zebrafish ALS model	Project grant	25.000
Kristinn R. Þórisson	Predicting the health impact of sleep quality	Project grant	15.000
Halla Helgadóttir	Symbolic Pattern Discovery for Business Event Data	Project grant	15.000
María Sigríður Guðjónsdóttir	Data fusion for geothermal reservoirs	Project grant	15.000
Hannes Högni Vilhjálmsson	Cities that Sustain Us 2: Creating Virtual Futures	Project grant	15.000
		Total:	85.000
INFRASTRUCTURE FUND 2017			
Halldór Guðfinnur Svavarsson	Sunsimulator	Build-up grant	2.101
Slawomir Marcin Koziel	Upgrading high-frequency measurement capabilities of RU microwave laboratory and anechoic chamber	Build-up grant	8.268
		Total:	10.369
SPORT SCIENCE FUND 2017			
Jose Miguel Saavedra Garcia	A multivariate analysis of performance in handball players	Project grant	500
		Total:	500
EIMSKIP FUND 2017			
Jose Miguel Saavedra Garcia	Physical activity and sedentary behaviour in the workplaces. Health promotion and changes to company's culture	Project grant	2.470
		Total:	2.470
LANDSVIRKJUN ENERGY RESEARCH FUND 2017			
Cari Debra Covell	Data fusion for Geothermal Reservoir Characterization	Doctoral student grant	1.200
		Total:	1.200
ST. JOSEPH'S HOSPITAL 2017			
María Kristín Jónsdóttir	AGES – Reykjavik Study - Cognitive ageing: Cognitive reserve, brain reserve and successful aging	Doctoral student grant	3.180
		Total:	3.180
		TOTAL:	349.212

G: Grants 2018

Principal Investigator	Project title	Type of grant	Allocated (Thousand ISK)
ICELANDIC RESEARCH FUND 2018			
Andrei Manolescu	Core/shell nanoantennas	Project grant	15,790
Sigurður Freyr Hafstein	Complete Lyapunov functions: Efficient numerical computation	Project grant	15,044
Luca Aceto	TheoFoMon: Theoretical Foundations for Monitorability	Project grant	8,308
Marjan Sirjani	SEADA-Pilot	Project grant	14,697
Slawomir Marcin Koziel	Accelerated Design of Compact RF and Microwave Structures	Project grant	15,025
Valdimar Sigurðsson	Experimental Analysis of Online Consumer Behaviour and its Relevance to Online Healthy Food Marketing	Project grant	11,292
Ágúst Valfells	DC Vacuum-Microdiode Arrays as Tuneable THz Sources	Project grant	14,768
Hannes Högni Vilhjálmsson	Character Territoriality: Social Spatial Reasoning for Digital Actors	Project grant	17,738
Magnús Már Halldórsson	Post-modern models of wireless algorithms	Project grant	16,018
Paolo Gargiulo, Ceon Ramon	Modelling of Cranial Muscle Artefacts in EEG Data	Project grant	7,183
Slawomir Marcin Koziel	Computer-aided methods for design of circularly polarized antennas and antenna arrays	Project grant	14,132
Kristinn Torfason	Vacuum Electronics	Postdoctoral grant	8,022
Ingibjörg Eva Þórisdóttir	Risk and protective factors for adolescent depressed mood and anxiety: A biopsychosocial approach	Doctoral student grant	4,997
Heiðdís B Valdimarsdóttir	Bright Light Therapy to Treat Cancer-Related Fatigue among Breast Cancer Patients undergoing Chemotherapy	Grant of Excellence	49,813
David James Thue	Standardizing the Evaluation of Digital Managers for Better Interactive Experiences	Project grant	7,987
Rannveig Sigríður Sigurvinsdóttir	Trauma, mental health and disclosures of sexual violence	Project grant	14,571
Antonios Achilleos	Epistemic Logic for Distributed Monitoring	Postdoctoral grant	8,975
Haukur Logi Karlsson	Prosecuting elites fairly: analysis of the Icelandic Great Recession experience	Postdoctoral grant	10,005
Ian Cassar	Developing Theoretical Foundations for Runtime Enforcement	Doctoral student grant	5,400
Erna Sif Arnardóttir	Obstructive breathing during sleep - Characteristics and clinical importance	Project grant	11,510
		Total:	271,275
TECHNOLOGY DEVELOPMENT FUND 2018			
Kristinn R. Þórisson	Predicting the health impact of sleep quality	Project grant	15,000
María Sigríður Guðjónsdóttir	Data fusion for geothermal reservoirs	Project grant	15,000
María Sigríður Guðjónsdóttir	Efficient Utilization of Deep Geothermal Fluid	Project grant	15,000
Guðrún Arnbjörg Sævarsdóttir	Current paths in Silicon furnace – energy efficiency	Project grant	9,070

Guðrún Arnbjörg Sævarsdóttir	Direct production of Al-Ti alloy in reduction cell	Project grant	7,772
Hannes Högni Vilhjálmsson	Cities that Sustain Us 2: Creating Virtual Futures	Project grant	14,999
		Total:	76,841
INFRASTRUCTURE FUND 2018			
Michal Borsky	Deep Learning Infrastructure for Speech and Language Technology	Build-up grant	2,715
Slawomir	System for automated experimental verification of high-frequency structures at RU anechoic chamber	Build-up grant	11,637
		Total:	14,352
		TOTAL:	362,468

H: Grants 2019

Principal Investigator	Project title	Type of grant	Allocated (Thousand ISK)
ICELANDIC RESEARCH FUND 2019			
Ágúst Valfells	DC Vacuum-Microdiode Arrays as Tuneable THz Sources	Project grant	15,812
Hannes Högni Vilhjálmsson	Character Territoriality: Social Spatial Reasoning for Digital Actors	Project grant	18,416
Magnús Már Halldórsson	Post-modern models of wireless algorithms	Project grant	16,425
Paolo Gargiulo, Ceon Ramon	Modelling of Cranial Muscle Artefacts in EEG Data	Project grant	5,626
Slawomir Marcin Koziel	Computer-aided methods for design of circularly polarized antennas and antenna arrays	Project grant	15,355
Kristinn Torfason	Vacuum Electronics	Postdoctoral grant	8,752
Ingibjörg Eva Þórisdóttir	Risk and protective factors for adolescent depressed mood and anxiety: A biopsychosocial approach	Doctoral student grant	4,838
David James Thue	Standardizing the Evaluation of Digital Managers for Better Interactive Experiences	Project grant	8,220
Rannveig Sigríður Sigurvinsdóttir	Trauma, mental health and disclosures of sexual violence	Project grant	14,737
Antonios Achilleos	Epistemic Logic for Distributed Monitoring	Postdoctoral grant	8,975
Haukur Logi Karlsson	Prosecuting elites fairly: analysis of the Icelandic Great Recession experience	Postdoctoral grant	9,997
Ian Cassar	Developing Theoretical Foundations for Runtime Enforcement	Doctoral student grant	5,100
Erna Sif Arnardóttir	Obstructive breathing during sleep - Characteristics and clinical importance	Project grant	13,004
Andrei Manolescu	Thermoelectric transport in core/shell nanowires	Project grant	16,856
Luca Aceto	Open Problems in the Equational Logic of Processes (OPEL)	Project grant	16,369
Tarmo Uustalu	Quantified computational effects and interaction.	Project grant	15,438
Jón Friðrik Sigurðsson og Paul Salkovskis	Development and evaluation of a cognitive behavioural treatment for persistent physical symptoms that cause work disability	Project grant	16,054

Snjólaug Árnadóttir	Maritime Entitlements in a Changing Marine Environment	Postdoctoral grant	9,725
Ingunn Sigríður Unnsteinsdóttir Kristensen	Concussions among Icelandic athletes: A multi-component study	Doctoral student grant	6,650
Magnus De Witt	Sustainable Energy Supply in Unconnected Arctic Areas: Analysis of resources, technology and policies for designing energy systems	Doctoral student grant	5,288
		Total:	231,637
TECHNOLOGY DEVELOPMENT FUND 2019			
María Sigríður Guðjónsdóttir	Data fusion for geothermal reservoirs	Project grant	15,000
María Sigríður Guðjónsdóttir	Efficient Utilization of Deep Geothermal Fluid	Project grant	15,000
Guðrún Arnbjörg Sævarsdóttir	Direct production of Al-Ti alloy in reduction cell	Project grant	3,724
		Total:	33,724
INFRASTRUCTURE FUND 2019			
Erna Sif Arnadóttir	RU Sleep institute	Build-up grant	21,261
		Total:	21,261
RESEARCH FUND OF STATE AUTHORIZED PUBLIC ACCOUNTANTS 2019			
Páll Melsted Ríkharðsson	Artificial Intelligence and Auditing Small and Medium Sized Enterprises: Opportunities and Future	Project grant	2,950
		Total:	2,950
SPORT SCIENCE FUND 2019			
María K. Jónsdóttir	Hormonal dysfunction among female athletes following concussion	Project grant	500
		Total:	500
LSH SCIENCE FUND 2019			
María K. Jónsdóttir	Concussions among Icelandic female athletes: EEG and cervical proprioception	Project grant	500
		Total:	500
LANDSBANKINN SOCIETY GRANT 2019			
María K. Jónsdóttir	Hei Sport-related concussions - A multi-component study: Incidence of concussion among Icelandic Athletes	Project grant	500
		Total:	500
ICELANDIC ROAD ADMINISTRATION RESEARCH FUND 2019			
Jónas Þór Snæbjörnsson	Structural analysis and modelling of a reinforced concrete bridge based on full scale data	Project grant	4,000
		Total:	4,000
		TOTAL:	295,072

I: Grants 2020

Principal Investigator	Project title	Type of grant	Allocated (Thousand ISK)
ICELANDIC RESEARCH FUND 2020			
Andrei Manolescu	Thermoelectric transport in core/shell nanowires	Project grant	16,856
Heiðdís B Valdimarsdóttir	Bright Light Therapy to Treat Cancer-Related Fatigue among Breast Cancer Patients undergoing Chemotherapy	Grant of Excellence	49,509
Luca Aceto	Open Problems in the Equational Logic of Processes (OPEL)	Project grant	21,825
Tarmo Uustalu	Quantified computational effects and interaction.	Project grant	15,428
Jón Friðrik Sigurðsson and Paul Salkovskis	Development and evaluation of a cognitive behavioural treatment for persistent physical symptoms that cause work disability	Project grant	16,054
Snjólaug Árnadóttir	Maritime Entitlements in a Changing Marine Environment	Postdoctoral grant	9,725
Ingunn Sigríður Unnsteinsdóttir Kristensen	Concussions among Icelandic athletes: A multi-component study	Doctoral student grant	5,300
Magnus De Witt	Sustainable Energy Supply in Unconnected Arctic Areas: Analysis of resources, technology and policies for designing energy systems	Doctoral student grant	5,300
Ármann Gylfason	Lagrangian Dispersion in Mixed Convective Turbulence	Project grant	18,963
Slawomir Marcin Koziel	Computer-aided methods for fast and reliable design of planar true time-delay beam formers for antenna systems	Project grant	17,138
Christian Nathaniel Bean	Combinatorial exploration and permutation classes	Postdoctoral grant	9,775
Kamaljeet Singh	Measuring Current Efficiency in an Inert anode Cell for Aluminium production	Doctoral student grant	6,615
Yonatan Afework Tesfahunegn	Magnetohydrodynamics Modelling of Submerged Arc Furnace	Project grant	18,339
Anna Ingólfssdóttir	Learning and Applying Probabilistic Systems	Project grant	20,569
María Kristín Jónsdóttir	Concussions among Icelandic athletes: A multi-component study	Project grant	12,294
Kristján Óttar Klausen	A possible basis for quantum computation: Majorana zero modes in tubular nanowires	Doctoral student grant	6,625
Duncan Paul Attard	Ensuring Correctness in Distributed Systems	Doctoral student grant	6,625
Majd Radwan Soud	An Automated Framework for Security Analysis of Smart Contracts Based on Mixed Empirical and Static Analysis	Doctoral student grant	6,625
Michał Krzysztof Folwaczny	From conspicuous marketing to promoting environmentalism: How can social status motives drive eco-labelled fish choices?	Doctoral student grant	6,625
		Total:	270,190
TECHNOLOGY DEVELOPMENT FUND 2020			
María Sigríður Guðjónsdóttir	Data fusion for geothermal reservoirs	Project grant	14,913
María Sigríður Guðjónsdóttir	Efficient Utilization of Deep Geothermal Fluid	Project grant	9,000

Guðrún Arnbjörg Sævarsdóttir	Direct production of Al-Ti alloy in reduction cell	Project grant	14,768
Magnús Kjartan Gíslason	Kinematic measurements on subjects with neck pain	Project grant	14,900
		Total:	53,581
INFRASTRUCTURE FUND 2020			
Ármann Gylfason	High-speed, high-resolution image detection system for fluid mechanics and materials research	Instrument	6,801
		Total:	6,801
RESEARCH FUND OF THE ICELANDIC CANCER SOCIETY 2020			
Þórhildur Halldórsdóttir	Delaying the Epigenetic Clock: Does Systematic Bright White Light Exposure Decrease Biological Age Acceleration in Women Treated for Breast Cancer?	Project grant	9,300
		Total:	9,300
ENERGY RESEARCH FUND OF LANDSVIRKJUN 2020			
Hlynur Stefánsson	Sustainable Energy in Arctic Areas	Doctoral student grant	1,000
		Total:	1,000
		TOTAL:	340,872

J: Grants 2021

Principal Investigator	Project title	Type of grant	Allocated (Thousand ISK)
ICELANDIC RESEARCH FUND 2021			
Andrei Manolescu	Thermoelectric transport in core/shell nanowires	Project grant	17,356
Heiðdís B Valdimarsdóttir	Bright Light Therapy to Treat Cancer-Related Fatigue among Breast Cancer Patients undergoing Chemotherapy	Grant of Excellence	50,392
Luca Aceto	Open Problems in the Equational Logic of Processes (OPEL)	Project grant	16,350
Tarmo Uustalu	Quantified computational effects and interaction.	Project grant	15,438
Jón Friðrik Sigurðsson and Paul Salkovskis	Development and evaluation of a cognitive behavioral treatment for persistent physical symptoms that cause work disability	Project grant	19,643
Snjólaug Árnadóttir	Maritime Entitlements in a Changing Marine Environment	Postdoctoral grant	9,825
Magnus De Witt	Sustainable Energy Supply in Unconnected Arctic Areas: Analysis of resources, technology, and policies for designing energy systems	Doctoral student grant	4,699
Ármann Gylfason	Lagrangian Dispersion in Mixed Convective Turbulence	Project grant	19,487
Slawomir Marcin Koziel	Computer-aided methods for fast and reliable design of planar true time-delay beam formers for antenna systems	Project grant	17,137
Christian Nathaniel Bean	Combinatorial exploration and permutation classes	Postdoctoral grant	8,925

Kamaljeet Singh	Measuring Current Efficiency in an Inert anode Cell for Aluminium production	Doctoral student grant	6,615
Yonatan Afework Tesfahunegn	Magnetohydrodynamics Modeling of Submerged Arc Furnace	Project grant	20,568
Anna Ingólfssdóttir	Learning and Applying Probabilistic Systems	Project grant	17,850
María Kristín Jónsdóttir	Concussions among Icelandic athletes: A multi-component study	Project grant	1,747
Kristján Óttar Klausen	A possible basis for quantum computation: Majorana zero modes in tubular nanowires	Doctoral student grant	6,625
Duncan Paul Attard	Ensuring Correctness in Distributed Systems	Doctoral student grant	6,625
Majd Radwan Soud	An Automated Framework for Security Analysis of Smart Contracts Based on Mixed Empirical and Static Analysis	Doctoral student grant	6,625
Michał Krzysztof Folwarczny	From conspicuous marketing to promoting environmentalism: How can social status motives drive eco-labeled fish choices?	Doctoral student grant	6,625
Slawomir Marcin Koziel	Design-Oriented Computationally-Efficient Forward and Inverse Surrogate Modelling of High-Frequency Structures	Grant of Excellence	47,455
Mohammad Adnan Hamdaqa	A Framework for Building Secure and Reliable Proof-Carrying Blockchain Applications	Project grant	18,135
Antonios Achilleos	Mode(l)s of Verification and Monitorability	Project grant	17,908
Magnús Már Halldórsson	Constrained Distributed Symmetry Breaking	Project grant	13,085
Kamilla Rún Jóhannsdóttir	A reliable real-time fatigue risk management framework for ATC	Project grant	4,388
Birna Baldursdóttir	Effect of School Based Ambient Bright White Light Intervention on Adolescents Circadian Activity Rhythms and Sleep	Project grant	17,615
Þórhildur Halldórsdóttir	Coronavirus: Impact on adolescent mental health problems & harmful behaviors	Project grant	18,833
Valdimar Sigurðsson	Consumer Behavior Analysis and Sustainable Healthy Food promotion	Project grant	7,284
Michelangelo Diamanti	Agora: Unified Framework for Crowd Simulation Research	Doctoral student grant	6,625
Bjarni Örn Kristinsson	Systems Analysis of the Interaction Between Air Transportation and Economic Activity: The Analysis of Iceland in a Global Context	Doctoral student grant	6,625
Paola Cardenas	Social support, Acculturation and Mental Health of Children and Young Adults who Seek Asylum in Iceland	Doctoral student grant	6,625
Daði Rafnsson	The 5Cs as a behavioral analysis and intervention method in elite soccer	Doctoral student grant	6,625
Total:			423,735
TECHNOLOGY DEVELOPMENT FUND 2021			
María Sigríður Guðjónsdóttir	GeoEjector: Connecting low and high pressure wells	Project grant	15,000
Magnús Kjartan Gíslason	Kinematic measurements on subjects with neck pain	Project grant	14,900
Total:			29,900
INFRASTRUCTURE FUND 2021			
Birna Baldursdóttir	Actigraphs – measurement equipment for research on sleep and physical activity	Instrument	6,122
Total:			6,122

LSH SCIENCE FUND 2021			
María K. Jónsdóttir	Concussion among female athletes: EEM and balance measures in a virtual reality environment	Project grant	1,140
María K. Jónsdóttir	Cognitive aging among the elderly in Iceland: The Ages-Reykjavík Study	Project grant	1,260
Ólafur Eysteinn Sigurjónsson	Stemcells	Project grant	3,810
		Total:	6,210
ENERGY RESEARCH FUND OF LANDSVIRKJUN 2021			
Þorsteinn Rafn Guðmundsson	Possibility in using wind power for power storing in remote places in Iceland	Project grant	1,000
Babak Ranjbaran	Improvement on Aerodynamic Performance of a Small Vertical Axis Wind Turbine	Project grant	800
Ágúst Valfells	Field emission from irregular silicon nanowire arrays	Project grant	2,000
Hlynur Stefánsson	Sustainable Energy in Arctic Areas	Project grant	700
		Total:	4,500
THE STRATEGIC RESEARCH AND DEVELOPMENT PROGRAMME FOR LANGUAGE TECHNOLOGY 2021			
Emil Lárus Sigurðsson	Using Machine Learning Models for Clinical Diagnoses	Project grant	13,225
Hannes Högni Vilhjálmsson	Spoken Dialogue Framework for Icelandic	Project grant	16,336
Jón Guðnason	Computer-Assisted Pronunciation Training in Icelandic	Project grant	15,417
		Total:	4,500
HELGA JÓNSDÓTTIR OG SIGURLIÐI KRISTJÁNSSON MEMORIAL FUND 2021			
María K. Jónsdóttir	Concussion incidence among Icelandic athletes	Project grant	400
		Total:	400
		TOTAL:	515,845

K: Grants 2022

Principal Investigator	Project title	Type of grant	Allocated (Thousand ISK)
ICELANDIC RESEARCH FUND 2022			
Ármann Gylfason	Lagrangian Dispersion in Mixed Convective Turbulence	Project grant	17,775
Slawomir Marcin Koziel	Computer-aided methods for fast and reliable design of planar true time-delay beam formers for antenna systems	Project grant	19,638
Christian Nathaniel Bean	Combinatorial exploration and permutation classes	Postdoctoral grant	8,550
Kamaljeet Singh	Measuring Current Efficiency in an Inert anode Cell for Aluminium production	Doctoral student grant	6,615
Yonatan Afework Tesfahunegn	Magnetohydrodynamics Modeling of Submerged Arc Furnace	Project grant	16,975
Anna Ingólfssdóttir	Learning and Applying Probabilistic Systems	Project grant	16,163
Majd Radwan Soud	An Automated Framework for Security Analysis of Smart Contracts Based on Mixed Empirical and Static Analysis	Doctoral student grant	6,625

Slawomir Marcin Koziel	Design-Oriented Computationally-Efficient Forward and Inverse Surrogate Modelling of High-Frequency Structures	Grant of Excellence	46,260
Mohammad Adnan Hamdaqa	A Framework for Building Secure and Reliable Proof-Carrying Blockchain Applications	Project grant	19,456
Antonios Achilleos	Mode(l)s of Verification and Monitorability	Project grant	19,558
Magnús Már Halldórsson	Constrained Distributed Symmetry Breaking	Project grant	17,533
Kamilla Rún Jóhannsdóttir	A reliable real-time fatigue risk management framework for ATC	Project grant	30,096
Birna Baldursdóttir	Effect of School Based Ambient Bright White Light Intervention on Adolescents Circadian Activity Rhythms and Sleep	Project grant	18,619
Þórhildur Halldórsdóttir	Coronavirus: Impact on adolescent mental health problems & harmful behaviors	Project grant	18,674
Valdimar Sigurðsson	Consumer Behavior Analysis and Sustainable Healthy Food promotion	Project grant	19,784
Michelangelo Diamanti	Agora: Unified Framework for Crowd Simulation Research	Doctoral student grant	6,624
Paola Cardenas	Social support, Acculturation and Mental Health of Children and Young Adults who Seek Asylum in Iceland	Doctoral student grant	6,625
Daði Rafnsson	The 5Cs as a behavioral analysis and intervention method in elite soccer	Doctoral student grant	6,625
Ármann Gylfason	Wind Power Installation in Harsh Environments; an Experimental Study	Project grant	20,820
Guðrún Arnbjörg Sævarsdóttir	Adaptation of aluminum reduction cells to CCS	Project grant	21,208
María Óskarsdóttir	Influence in Multilayer Dynamic Networks	Project grant	17,957
Tarmo Uustalu	Computational effects and high-level control	Project grant	21,250
Heiðdís Valdimarsdóttir, Sigríður Björk Þómar	The mental health effect of COVID-19 on Icelandic emergency responders	Project grant	18,673
Rannveig Sigríður Sigurvinsdóttir, Bryndís Björk Ásgeirsdóttir	Effectiveness of a virtual reality courtroom to support sexual violence survivors	Project grant	20,600
Joseph Lovecchio	Development of a quantitative virtual profile based on X-ray microCT-validated metabolomics numerical distribution for an advanced monitoring of 3D in vitro bone extracellular matrix mineralization	Postdoctoral grant	11,962
Valentina Castiglioni	Programs in the wild: Uncertainties, adaptability and verification	Postdoctoral grant	11,765
Hadi Rezaie Heris	Geometry effect on phonon drag in core-shell nanowires	Doctoral student grant	7,636
Albert Alonso Villar	A transition towards a 100% electric HDV fleet in Iceland: Feasibility and impact assessment of the charging load on the transmission and distribution system	Doctoral student grant	6,180
Helga Svala Sigurðardóttir	Learning Classifier Systems for Text Normalization	Doctoral student grant	7,791
Leonard Matthias Eberding	Self-inquiring artificial intelligence	Doctoral student grant	7,791
Steinþór Steingrímsson	Compiling Effective Training Data for Low-Resource Machine Translation	Doctoral student grant	7,791

Kolfinna Þórisdóttir	Novel diagnostic metrics for obstructive sleep apnea to better predict vascular and neurological diseases	Doctoral student grant	7,785
Ingi B. Poulsen	Climate Litigation – Shaping corporate response to climate change in the courtroom	Doctoral student grant	7,756
		Total:	499,160
TECHNOLOGY DEVELOPMENT FUND 2022			
María Sigríður Guðjónsdóttir	GeoEjector: Connecting low and high pressure wells	Project grant	15,000
		Total:	29,900
THE STRATEGIC RESEARCH AND DEVELOPMENT PROGRAMME FOR LANGUAGE TECHNOLOGY 2022			
Emil Lárus Sigurðsson	Using Machine Learning Models for Clinical Diagnoses	Project grant	5,170
Hannes Högni Vilhjálmsson	Spoken Dialogue Framework for Icelandic	Project grant	6,534
Jón Guðnason	Computer-Assisted Pronunciation Training in Icelandic	Project grant	9,454
		Total:	21,158
LSH SCIENCE FUND 2022			
Ólafur Eysteinn Sigurjónsson	Analysing lyophilised platelet lysate	Project grant	1,210
Ólafur Eysteinn Sigurjónsson	Analyzing attachment and osteogenic differentiation using RAMAN spectroscopy	Project grant	1,210
María K. Jónsdóttir	Voice, speech and language as a measure of cognition	Project grant	840
María K. Jónsdóttir	Cognition, mental health and quality of life among women and men in sports that do not carry a concussion risk	Project grant	1,270
María K. Jónsdóttir	Consequences of concussion among male athletes: neuropsychological impairment, mental health, quality of life and possible hypopituitarism	Project grant	1,370
		Total:	5,900
RESEARCH FUND OF REYKJAVIK ENERGY GROUP 2022			
Eyjólfur Ingi Ásgeirsson	Development of Iceland-TIMES for the analysis of the Icelandic energy system	Project grant	4,250
María Sigríður Guðjónsdóttir	GeoEjector: life extension of weak geothermal wells	Project grant	4,250
		Total:	8,500
ASKUR - CIVIL ENGINEERING RESEARCH FUND 2022			
Eypór Rafn Þórhallsson	Environmental study of cross-laminate timber units	Project grant	1,500
		Total:	1,500
THE ICELANDIC CANCER SOCIETY RESEARCH FUND 2022			
Þórhildur Halldórsdóttir	Delaying the Epigenetic Clock: Does Systematic Bright White Light Exposure Decrease Biological Age Acceleration in Women Treated for Breast Cancer?	Project grant	5,600
		Total:	5,600
		TOTAL:	556,818