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Data paper

Публикация данных как форма научной коммуникации

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Публикация данных как форма научной коммуникации

Тип статьи	Объяснение
Обзорные статьи	Существенный обзор оригинальных исследований, обычно с исчерпывающим списком ссылок. Примечание: не рецензия на книгу.
Исследовательские статьи	Полный отчет об оригинальном исследовании.
Энциклопедия	Основные справочные работы Elsevier.
Главы книги	Отдельная глава книги.
Тезисы конференции	Резюме доклада или устной презентации или плаката, обычно представляемого в трудах конференции.
Отзывы о книге	Сборник рецензий на книги.
Отчеты о случаях	Подробный отчет о симптомах, признаках, диагнозе, лечении и последующем наблюдении за отдельным пациентом.
Информация о конференции	Информация о конференции.
Переписка	Письмо в редакцию или ответ на письмо.
Статьи с данными	Элемент публикации, описывающий данные.
Обсуждение	Аргументативное общение, например статьи в дискуссии, а также точки зрения, комментарии и т. Д.
Мини обзоры	Краткий обзор очень похож на короткую полную статью.
Новости	Предмет новостей.
Патентные отчеты	Отчет о новых разработанных патентах.
Практические рекомендации	Отчет, в котором описываются рекомендации по эффективной диагностике или лечению заболевания.
Отзывы о продукции	Обзор продукта (например, обзор программного обеспечения, оборудования, медицинских изделий и т. Д.).
Репликационные исследования	Реплика научного исследования.
Короткие сообщения	Краткий отчет или объявление об исследовании, обычно с указанием определенных результатов. Появляются под разными именами, такими как письма, предварительные заметки, заметки и т. Д.
Публикации по программному обеспечению	Элемент публикации, содержащий программное обеспечение или описание программного обеспечения.
Видео статьи	Элемент публикации, основным содержанием которого является видео, сопровождаемое описанием этого видео.
Другие	Все остальные типы, не упомянутые выше.

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Коммуникация результатов на каждом этапе исследования

- ✓ Планирование исследования
- ✓ Формирование методологии и протокола исследования
- ✓ Написание программного кода
- ✓ Проведение эксперимента
- ✓ Сбор и обработка данных
- ✓ Анализ и интерпретация данных

MethodsX

HardwareX

SoftwareX

Data in Brief

Software Impacts

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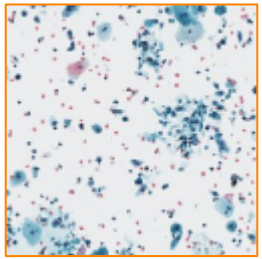
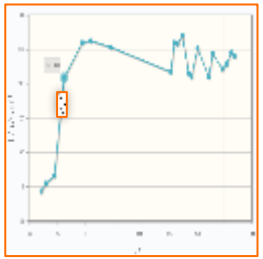
Pathway Studio

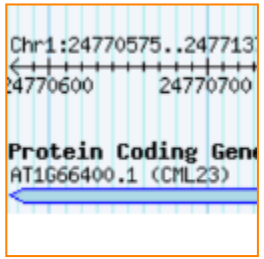


Virtual Microscope



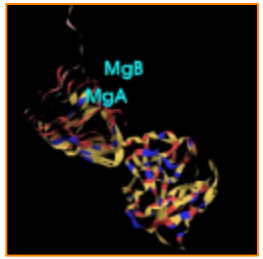
Graph Plotter

Radiological images viewer



Arabidopsis gene viewer

NIF Antibody app



3D CIF molecular viewer

Open Data

Interactive Case Insights

3D virtual environments

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Сравнить источники

Документы Авторы Организации Расширенный поиск

Советы по поиску

Введите запрос

DOCTYPE(dp)

Составить запрос Добавить автора и (или) организацию Очистить форму Поиск

Код: DOCTYPE

Имя: Тип документа

Описание: Ограничивает поиск типами документов: статья (ar), обзор (re), глава книги (ch)...
Если ввести DOCTYPE(ar), то будут найдены документы, классифицированные как статьи.
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AND +
OR +
AND NOT +
PRE/ +
W/ +

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Текстовое содержимое
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Химические соединения
Конференции
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- Тип доступа (ACCESSTYPE) +
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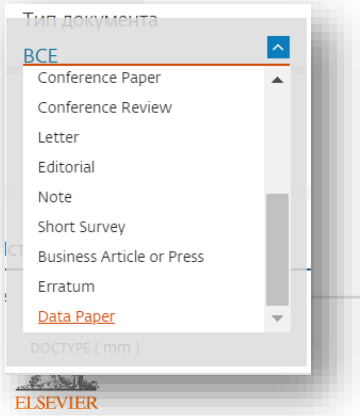

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Анализировать результаты поиска

< Вернуться к результатам

Экспорт Печать Электронная почта

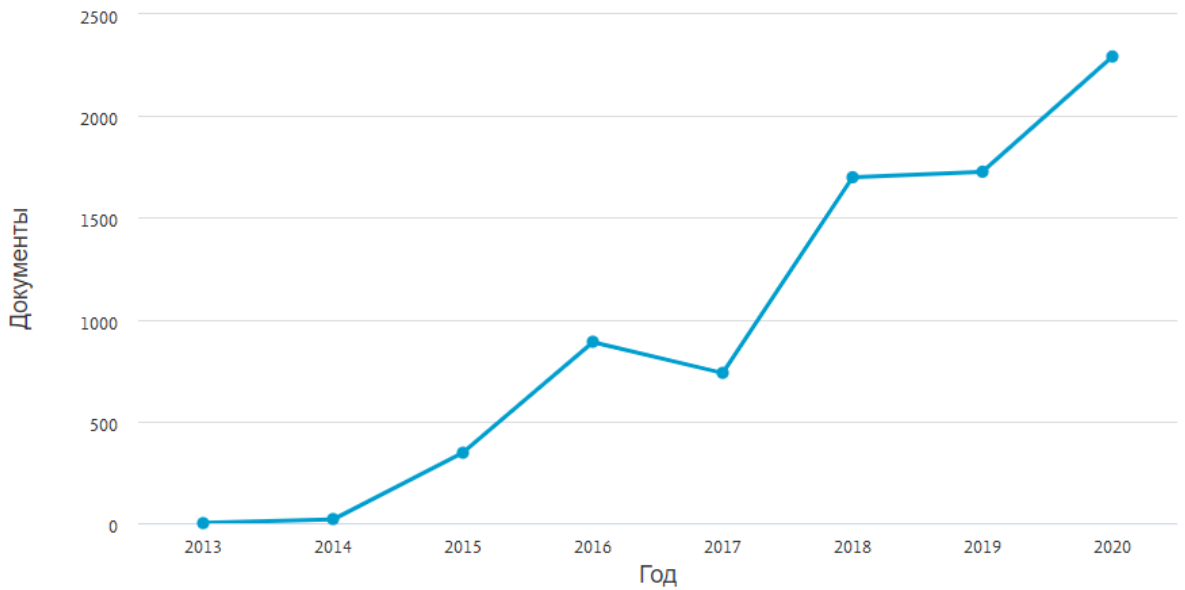
DOCTYPE (dp)

7 708 результатов поиска документов

Выберите диапазон годов для анализа: 2013 по 2020 Анализировать

Год ↓	Документы ↑
2020	2292
2019	1726
2018	1699
2017	737
2016	889
2015	346
2014	18
2013	1

Документы по годам



Документы по странам или территориям

Сравнить количества документов максимум по 15 странам/территориям.

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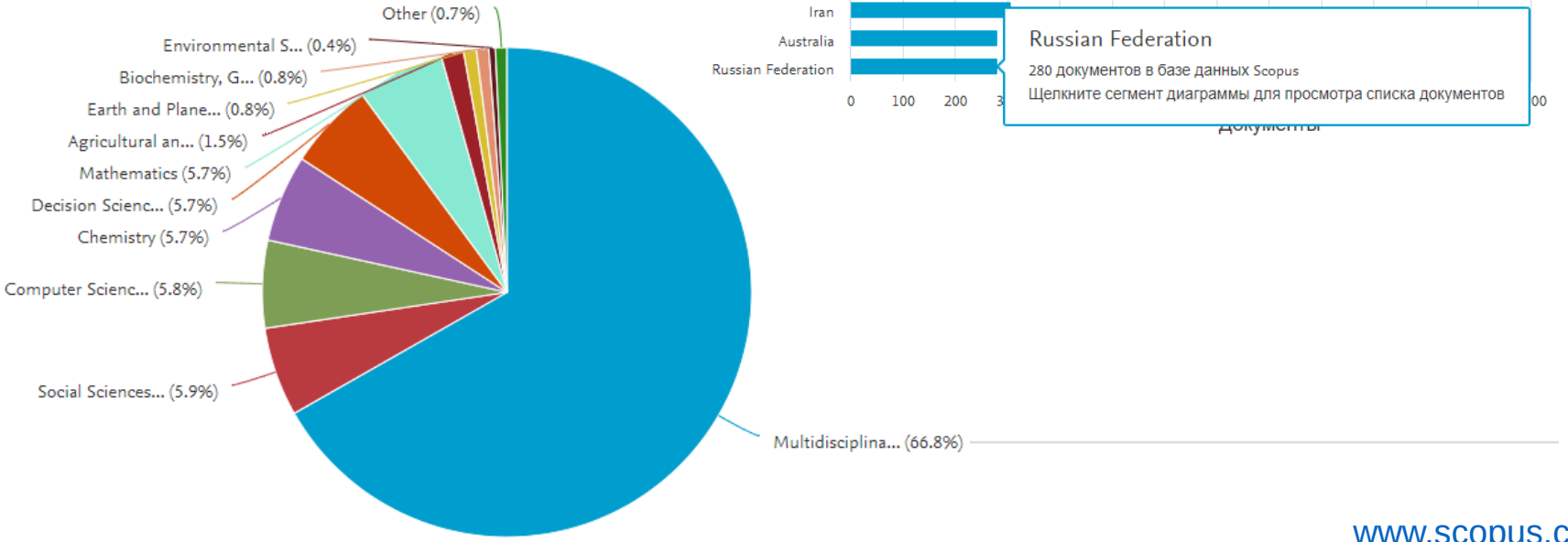

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Есть несколько причин, по которым обмен данными очень важен для развития науки

- ✓ ***Во-первых,*** это делает исследования более **контролируемыми и воспроизводимыми**. За последние годы были примеры, когда исследования были фальсифицированы или просто не проводились. Если бы данные исследований были распространены, эти проблемы обнаружились бы намного раньше и, следовательно, имели бы менее разрушительное воздействие.
- ✓ ***Во-вторых,*** исследователи часто получают **одни и те же данные**, в которых не было бы необходимости, если бы данные были общедоступными. Можно сэкономить финансовые ресурсы и использовать их для проведения новых исследований, что является важной мотивацией для фондов, учреждений и исследователей.
- ✓ ***В-третьих,*** в случаях, когда исследователи получили аналогичные наборы данных, это может быть очень ценно **объединить эти наборы данных**. Это сокращает статистическую погрешность анализа и, следовательно, шансы обнаружения реальных эффектов.
- ✓ ***Наконец***, совместное использование данных позволяет другим исследователям как из той же, так и из других областей применять свой опыт и проводить новый анализ, тем самым **способствовать многопрофильным исследованиям**.

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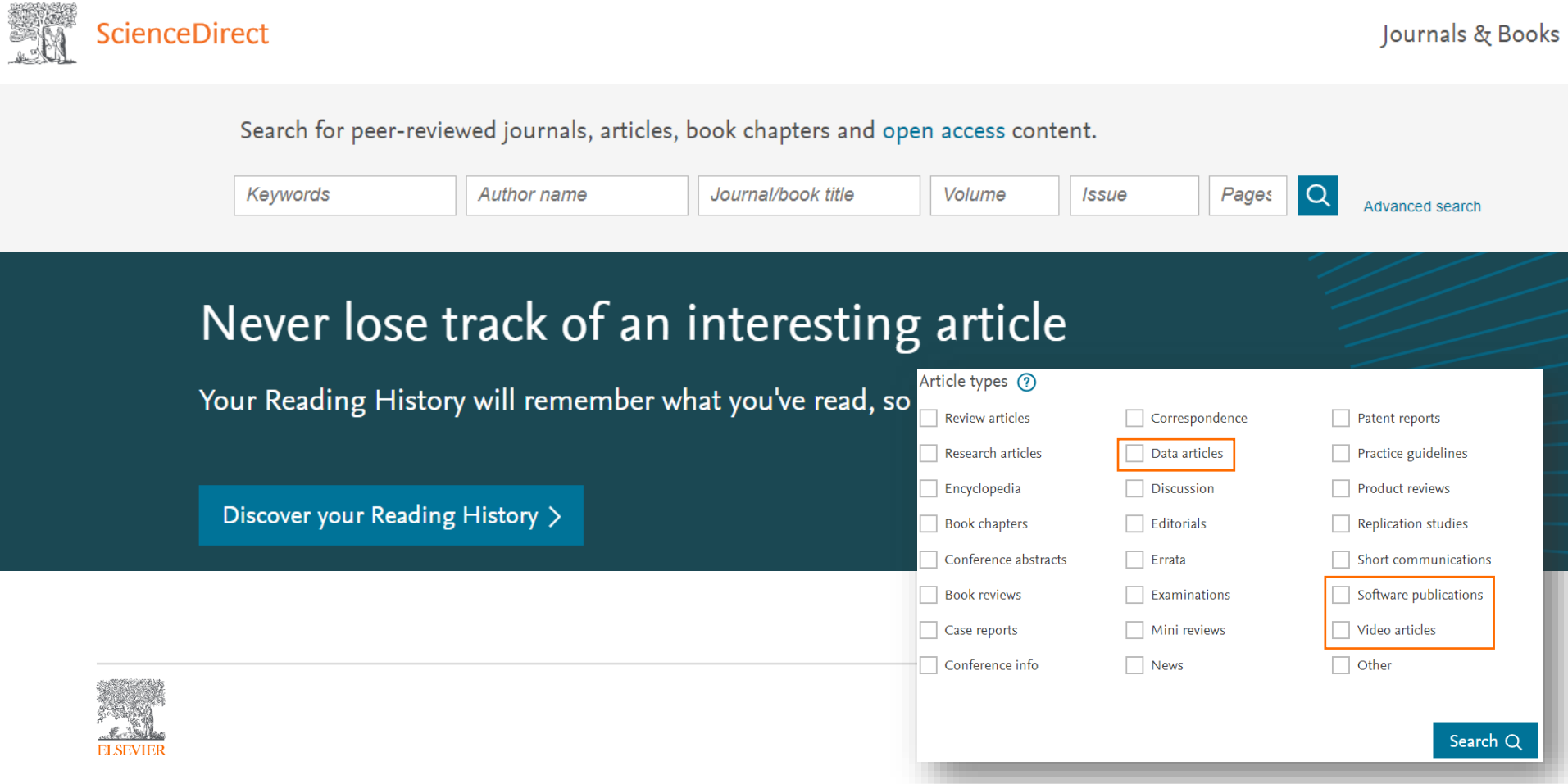

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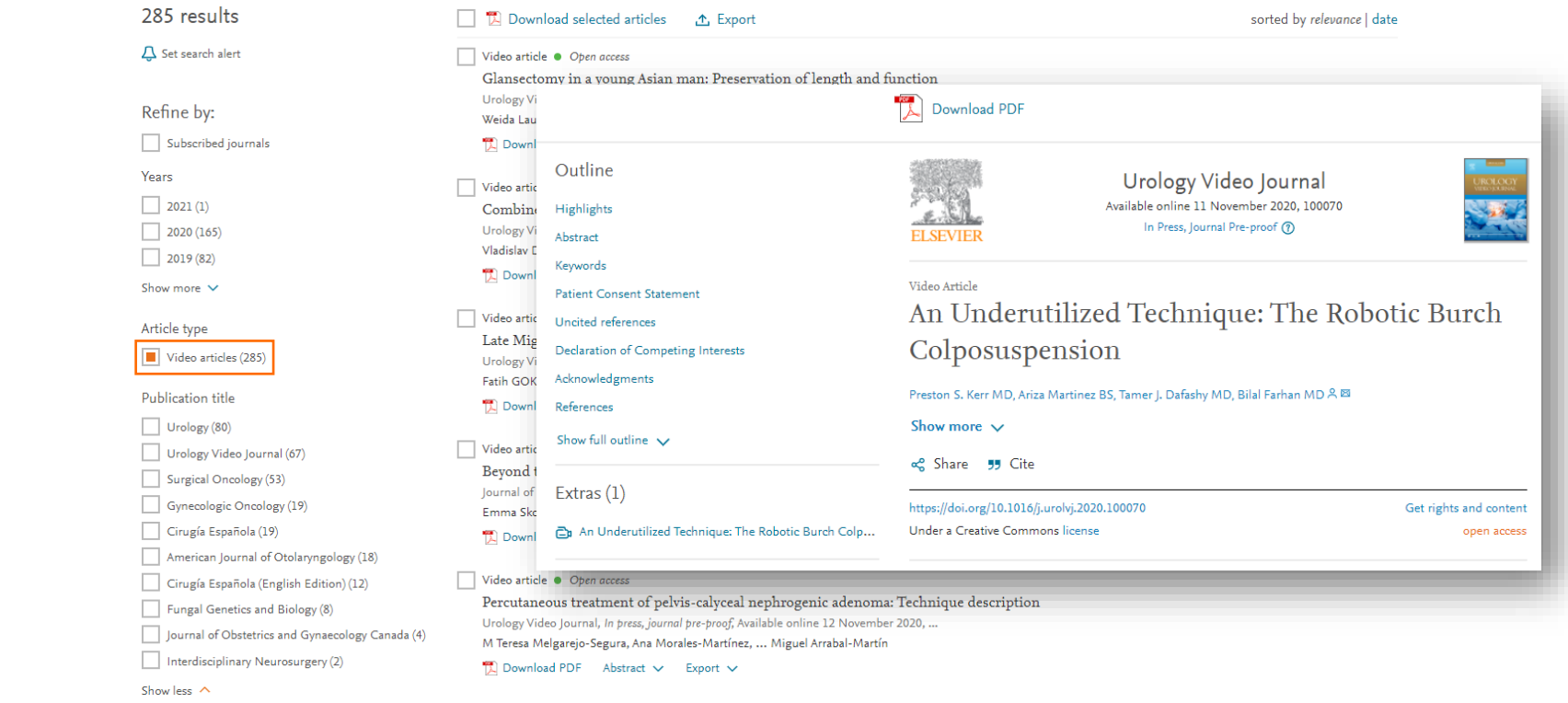

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Urology Video Journal 8 (2020) 100060

Contents lists available at ScienceDirect

Urology Video Journal

journal homepage: www.elsevier.com/locate/urolvj

A novel approach for removal of a retained calcified ureteral stent using a single robotic procedure

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ARTICLE INFO

Keywords:
Robotic
Cystolithotomy
Pyelolithotomy
Retained ureteral stent
Nephrolithiasis

ABSTRACT

Objective: To describe a unique approach for removal of a retained calcified ureteral stent of 4 years, originally placed at another institution, via a combined robotic assisted laparoscopic pyelolithotomy and cystolithotomy.

Materials and Methods: Utilizing the Da Vinci Xi platform, four 8 mm ports were placed in the left mid-clavicular line, and a 12 mm midline assistant port at the umbilicus. The platform's multi-quadrant ability and port-hopping feature allowed us to perform this with a single procedure. Following opening of the renal pelvis, the encrusted stent and stones were removed. The distal end of the stent had already been detached from the bladder stone and was removed via the pyelotomy. A ureteral stent was placed in an antegrade fashion. The renal pelvis was closed in a running fashion, with Gerotas fascia re-approximated over the closure. We then performed a standard cystotomy with removal of the calcified distal stent and closed the bladder in a standard 2 layer fashion. A Jaxon-Pratt drain was placed in the left retroperitoneal space. The proximal stent portion and the bladder stone were placed in to separate specimen bags, which were extracted through the periumbilical assistant trocar by extending the incision 3.5 cm.

Results: The robotic operative time was 125 min, the estimated blood loss was 100cc. The patient's post-op course was uneventful and the Jaxon-Pratt drain was removed on post-operative day 1 after obtaining a negative drain-fluid creatinine. She was discharged with oral antibiotics for 5 days. A Foley catheter was kept for 1 week and the ureteral stent was kept for 6 weeks. A renal ultrasound was obtained one month following stent removal which showed normal renal anatomy without evidence of hydronephrosis, a basic metabolic panel was also obtained which showed the patients renal function had remained normal. Stone analysis revealed a mixed struvite and calcium phosphate stone.

Conclusion: This combined procedure has been reported in the pediatric population, via pure laparoscopy. The Da Vinci Xi platform with multi-quadrant and port hopping ability, allows us to translate this renal and bladder procedure to the adult population. In the case of this encrusted stent, we were able to remove both portions utilizing a single procedure without the need for additional port placement, re-docking, or re-positioning of the patient which in some cases can compromise the airway and sterility, thus resulting in a safe and successful operation with minimal hospital stay and procedure time.

The video related to this article can be found online at: doi:10.1016/j.urolvj.2020.100060.

Declaration of Competing Interest

We know of no conflicts of interest associated with this publication, and there has been no significant financial support for this work that could have influenced its outcome.

Patient Consent Statement

Informed consent was obtained from the patient in regards to both undergoing the surgery as well as the possibility of future publication of their case.

The following is the video related to this articleVideo 1.

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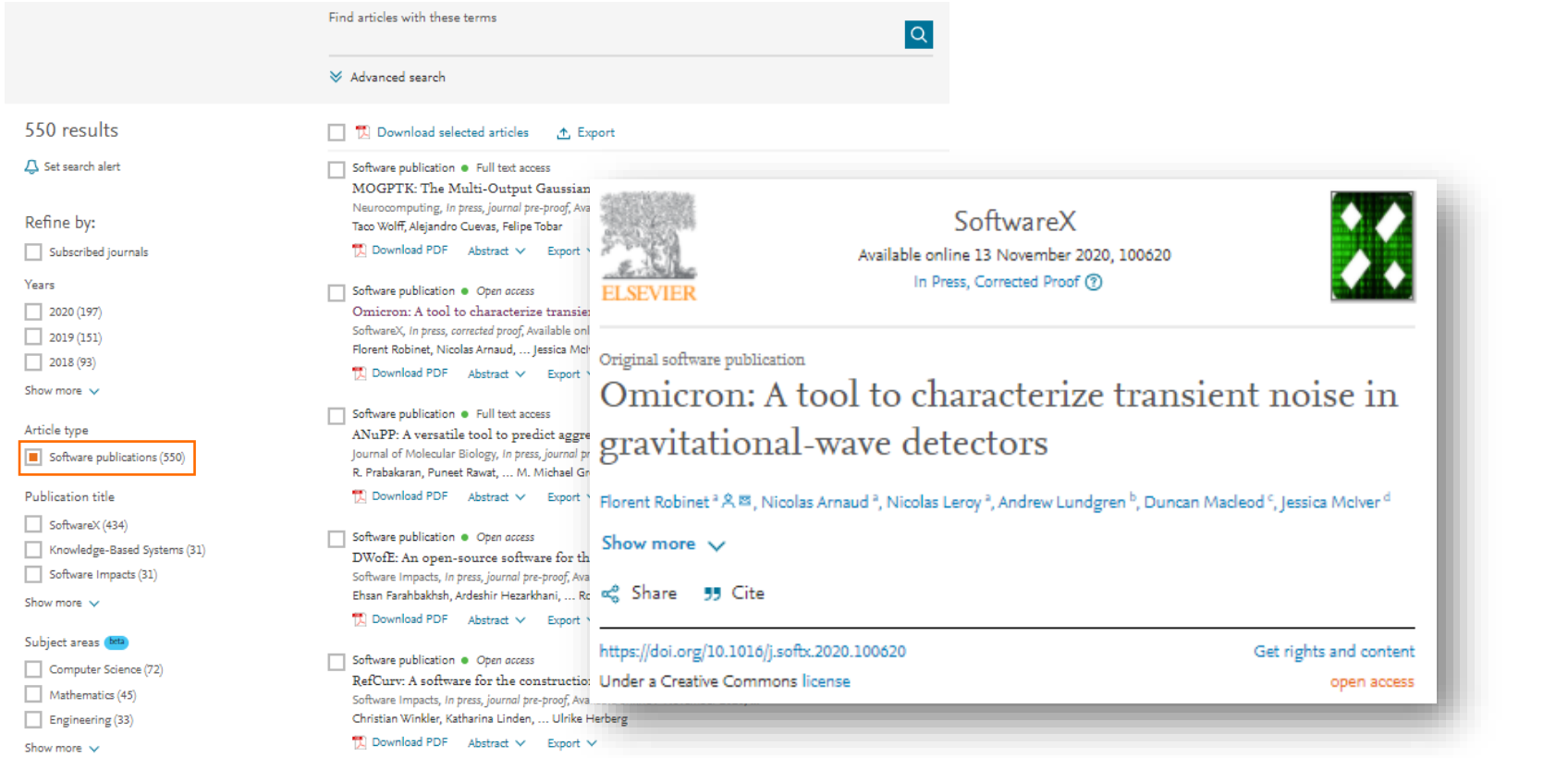
Статья с программным кодом



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SoftwareX
Available online 13 November 2020, 100620
In Press, Corrected Proof

Original software publication

Omicron: A tool to characterize transient noise in gravitational-wave detectors

Florent Robinet [a], Nicolas Arnaud [a], Nicolas Leroy [a], Andrew Lundgren [b], Duncan Macleod [c], Jessica McIver [d]

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https://doi.org/10.1016/j.softx.2020.100620

Abstract

The Omicron software is a tool developed to perform a multi-resolution time–frequency analysis of data from gravitational-wave detectors: the LIGO, Virgo, and KAGRA detectors. Omicron generates spectrograms from whitened data streams, offering a visual representation of transient detector noises and gravitational-wave events. In addition, these events can be parameterized with an optimized resolution. They can be written to disk to conduct offline noise characterization and gravitational-wave event validation studies. Omicron is optimized to process, in parallel, thousands of data streams recorded by gravitational-wave detectors. The Omicron software plays an important role in vetting gravitational-wave detection candidates and characterization of transient noise.

Keywords

Gravitational waves; Transient noise; Spectrogram; LIGO–Virgo

Code metadata

Current code version	2.4.1
Permanent link to code/repository used for this code version	https://github.com/ElsevierSoftwareX/SOFTX_2020_128
Code Ocean compute capsule	
Legal Code License	GNU General Public License 3.0
Code versioning system used	git and gitlab
Software code languages, tools, and services used	C++
Compilation requirements, operating environments & dependencies	CMake, GSL, FFTW, ROOT, HDF5
If available Link to developer documentation/manual	https://tds.virgo-gw.eu/ql/?c=10651
Support email for questions	florent.robinet@ijclab.in2p3.fr

Статья с данными

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Outline

Figures (2)

Tables (3)

Extras (11)

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Data in Brief

Volume 19, August 2018, Pages 2374-2383

Data Article

Geospatial dataset for analyzing socio-economic regional divergence of European regions

Andrey S. Mikhaylov, Anna A. Mikhaylova, Tatyana Yu. Kuznetsova

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https://doi.org/10.1016/j.dib.2018.07.027

Abstract

This data article presents macroeconomic data that can be used for comparative territorial studies. The data cover a sample of 413 regions (national administrative-territorial units corresponding to second level of a common classification of territorial units for statistics of the European Commission – NUTS 2 level region of the European Union, and comparable administrative-territorial units outside the EU) of 48 European countries, including Cyprus, Turkey, the European part of Russia, and two partially recognized states – the Republic of Kosovo and the

Data Article

Geospatial dataset for analyzing socio-economic regional divergence of European regions

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Tatyana Yu. Kuznetsova

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ARTICLE INFO

Article history:
Received 3 July 2018
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ABSTRACT

This data article presents macroeconomic data that can be used for comparative territorial studies. The data cover a sample of 413 regions (national administrative-territorial units corresponding to second level of a common classification of territorial units for statistics of the European Commission – NUTS 2 level region of the European Union, and comparable administrative-territorial units outside the EU) of 48 European countries, including Cyprus, Turkey, the European part of Russia, and two partially recognized states – the Republic of Kosovo and the Pridnestrovian Moldavian Republic. The statistical database covers a five-year period of 2010–2014. This dataset is created to enhance our understanding of the contemporary coastalization dynamics in Europe. Despite the fact that coastal regions of European countries exhibit an extensive level of development and remain attractive to human settlement, industry localization, and investment flows their contribution to the socio-economic development of Europe is unclear. The reported data cover a series of macroeconomic data on key indicators traditionally used in comparative analysis of regional development: average annual population, gross regional product (GRP) in purchasing power parity (PPP), labor productivity, population density and GRP (PPP) values per sq.km. Accounting for differences in geoeconomic position of the European regions enables to distinguish four subtypes of regions with a particular emphasis on the coastal area: coastal border, coastal other, coastal hinterland, and inland other. An additional focus is made on differentiating the performance indicators of regions depending on their border geo-economic position: border regions with a state

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https://doi.org/10.1016/j.dib.2018.07.027

Specifications Table

Subject area	Geography
More specific subject area	Human geography
Type of data	Figures, tables and Excel files
How data was acquired	Data are acquired from the International Monetary Fund (IMF), the World Bank Open Data, the International Bank for Reconstruction and Development (IBRD), the United Nations Statistics Division (UNSD), the Trading Economics portal, the Statistical Office of the European Union (Eurostat), and national statistical offices and authorities of each sample country: the National Bureau of Statistics of the Republic of Moldova, the Turkish Statistical Institute, the Economic Development Ministry of the Pridnestrovian Moldavian Republic, the Pridnestrovian Republican Bank, Monaco Statistics, the Office of Economic Planning, Data Processing and Statistics of the Republic of San Marino, the Institute of Statistics of the Republic of Albania, the Republika Srpska Institute of Statistics, the Kosovo Agency of Statistics, the National Statistical Committee of the Republic of Belarus, the Agency for statistics of Bosnia and Herzegovina, the Statistical Office of the Republic of Serbia, the Federal Service of State Statistics of the Russian Federation, the State Statistics Service of Ukraine, the Statistical Office of Montenegro, the Federal Statistical Office of Switzerland, the Government of Andorra official website, the Vatican City State
Data format	Aggregated, processed
Experimental factors	The sample was extracted by merging information from Eurostat, national statistical offices and authorities of the countries studied, the World Bank, IBRD, UNSD, IMF, and the Trading Economics portal. Sample processing involved converting the raw data collected from the various sources into a comparable form; data extrapolation to periods where data were not available; aggregation by types of regions; conversion of raw data into calculated indicators, growth rates and coefficients; ranking of regions.
Experimental features	The data presented cover a series of macroeconomic data on the most important indicators used in socio-economic studies when conducting a comparative analysis of the level of territorial development.
Data source location	Albania, Andorra, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Greece, Hungary, Iceland, Ireland, Italy, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Pridnestrovie, Russia (European part), San Marino, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, Vatican
Data accessibility	Data are available within this article

Value of the data

- Studies on coastalization generally confirm the asymmetrical development of territories with gravitation towards marine and ocean coasts [1–7]. To some extend these results are predetermined by the research scope featuring islands and marine-focused economies, or a limited classification of territories – coastal and non-coastal, etc. The data presented responds to such research limitations by providing macroeconomic data across Europe for a broad classification of regions. Dataset enables to differentiate development patterns of coastal and adjacent regions (coastal hinterland), border regions, coastal borderland, and midland (inland) territories (regional typology is acquired from [8]).
- The dataset covers the entire territory of Europe, including countries that are not part of the European Union (EU). Difficulties in collecting and harmonizing the data of national statistical offices limit most available research to the EU or national level. The data provided enables to conduct comparative studies on regional socio-economic development across Europe, including the European part of Russia. Of particular value would be research on regional divergence at macro-regional level (e.g. Baltic region, Mediterranean region, Baltic-Black Sea region, etc.).
- This dataset may have important policy implications. The identifiable socio-economic development trajectories of regions over the five-year period my reveal distinct patterns in the development of regions of different types (e.g. the interrelation between coastal regions and the adjacent territories of coastal hinterland). Correlations may be found between the certain policy instruments implemented and the change in macroeconomic indicators. The data may be useful in developing socio-economic typologies of regions and assessing the differences in the territorial development of individual European countries.

1. Data

The data cover a sample of 413 regions (the level of NUTS 2 and comparable administrative-territorial units) of 48 European countries. Dataset spans over the period 2010–2014. The data is grouped according to the types of regions allocated on the basis of their geo-economic position (Table 1). The determining factor for assigning a region to a particular subgroup within the first group is its location relative to marine and ocean coasts (coastal geo-economic position): 1. – coastal; 1.1 – coastal border; 1.2 – coastal other; 2. – inland; 2.1 – coastal hinterland; 2.2 – inland other. Second group focuses on the borderland geo-economic position featuring two subgroups of regions: 1. – border; 2. – midland. The two groups are designed to be used complementary. Second group is designed to obtain a comparative benchmark for the coastal border subgroup of regions against the totality of border and midland regions.

The choice of average annual population and GRP (PPP) data as the basic indicators for analysis is due, firstly, to their universality (they are taken into account in the statistical bases of all European countries or may be alternatively obtained from calculating the available statistical data); secondly, they reflect the level of regional socio-economic development, and in relative terms (per sq. km or per person) demonstrate the concentration of resources in a certain region, which is necessary to assess coastalization or regional divergence in general.

Figs. 1 and 2 serve as clear representation of data on average annual population and GRP (PPP) in all regions of Europe – the average value for period 2010–2014. Raw data for a series of maps are available in Excel spreadsheets with a separate table for each map.

The Supplementary data provide the developed typology of European regions with an indication of the nomenclature of each region and country, as well as information on the size of territory (Supplement 1a–d and 2a,b). Individual Excel tables present a series of aggregated macroeconomic data on the types of European regions studied.

2. Experimental design, materials and methods

The data cover a sample of 413 regions of 48 European countries, including Cyprus, Turkey, the European part of Russia, and two partially recognized states – the Republic of Kosovo and the Pridnestrovian Moldavian Republic. Individual account for Kosovo and Pridnestrovie is required to obtain accurate statistical data (not estimates) and to consider their region types as de facto independent territorial socio-economic systems. The statistical data for the European territory of the Russian Federation includes regions of the Northwestern, Central, Volga, Southern, North Caucasus, and from 2014 the Crimean Federal Districts. Regions are defined as national administrative-territorial units corresponding to second level of a common classification of territorial units for statistics of the European Commission (2015) – NUTS 2 level region of the European Union, and comparable administrative-territorial units outside the EU. For 17 European states this classification corresponds to the total territory of the country (Andorra, Cyprus, Estonia, Iceland, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Moldavia, Monaco, Montenegro, Pridnestrovie, San Marino, and Vatican). The NUTS 2 level of assessment represents holistic socio-economic systems, featuring a high degree of economic and institutional self-sufficiency. The classification corresponds to official statistics available for the overwhelming majority of countries under study, which provides the comparability of results and a possibility of building a complete series of statistical data by regions.

Acknowledgements

The reported study was funded by RFBR according to the research project 18-010-00015 "Models, effects, strategies and mechanisms of the inclusion of the western borderline of Russia into the system of horizontal interregional economic relations in the context of the Greater Eurasia".

Transparency document. Supporting information

Transparency data associated with this article can be found in the online version at https://doi.org/10.1016/j.dib.2018.07.027.

Appendix A. Supplementary material

Supplementary data associated with this article can be found in the online version at https://doi.org/10.1016/j.dib.2018.07.027.

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Сведения о документе

Data in Brief Открытый доступ
Volume 19, August 2018, Pages 2374-2383

Geospatial dataset for analyzing socio-economic regional divergence of European regions (Data Paper)

(Открытый доступ)

Mikhaylov, A.S. Mikhaylova, A.A., Kuznetsova, T.Y.

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Immanuel Kant Baltic Federal University, Kaliningrad, 23016, Russian Federation

Краткое описание

Просмотр пристатейных ссылок (8)

This data article presents macroeconomic data that can be used for comparative territorial studies. The data cover a sample of 413 regions (national administrative-territorial units corresponding to second level of a common classification of territorial units for statistics of the European Commission – NUTS 2 level region of the European Union, and comparable administrative-territorial units outside the EU) of 48 European countries, including Cyprus, Turkey, the European part of Russia, and two partially recognized states – the Republic of Kosovo and the Pridnestrovian Moldavian Republic. The statistical database covers a five-year period of 2010–2014. This dataset is created to enhance our understanding of the contemporary coastalization dynamics in Europe. Despite the fact that coastal regions of European countries exhibit an extensive level of development and remain attractive to human settlement, industry localization, and investment flows their contribution to the socio-economic development of Europe is unclear. The reported data cover a series of macroeconomic data on key indicators traditionally used in comparative analysis of regional development: average annual population, gross regional product (GRP) in purchasing power parity (PPP), labor productivity, population density and GRP (PPP) values per sq.km. Accounting for differences in geoeconomic position of the European regions enables to distinguish four subtypes of regions with a particular emphasis on the coastal area: coastal border, coastal other, coastal hinterland, and inland other. An additional focus is made on differentiating the performance indicators of regions depending on their border geo-economic position: border regions with a state border over land, lake or river surface, and midland regions – other non-border regions. This data is to be used as a comparative benchmark for the coastal border subgroup of regions against the totality of border and midland regions. © 2018 The Authors

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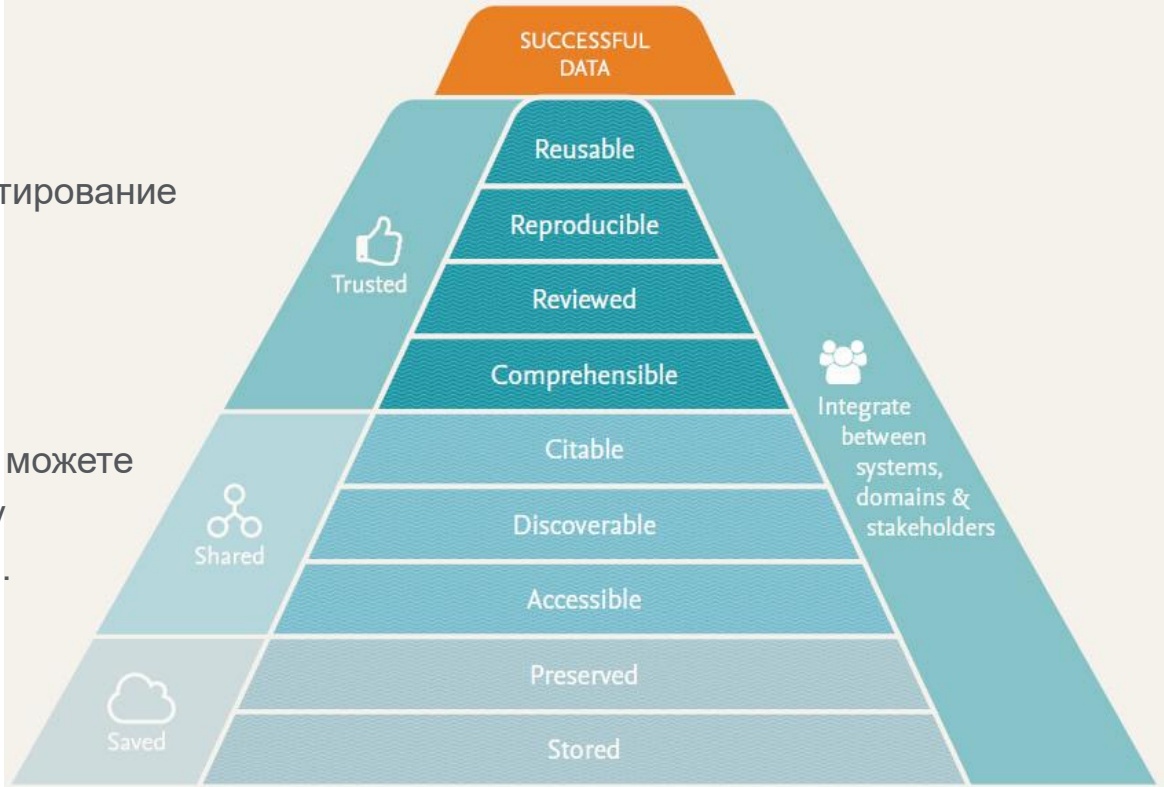

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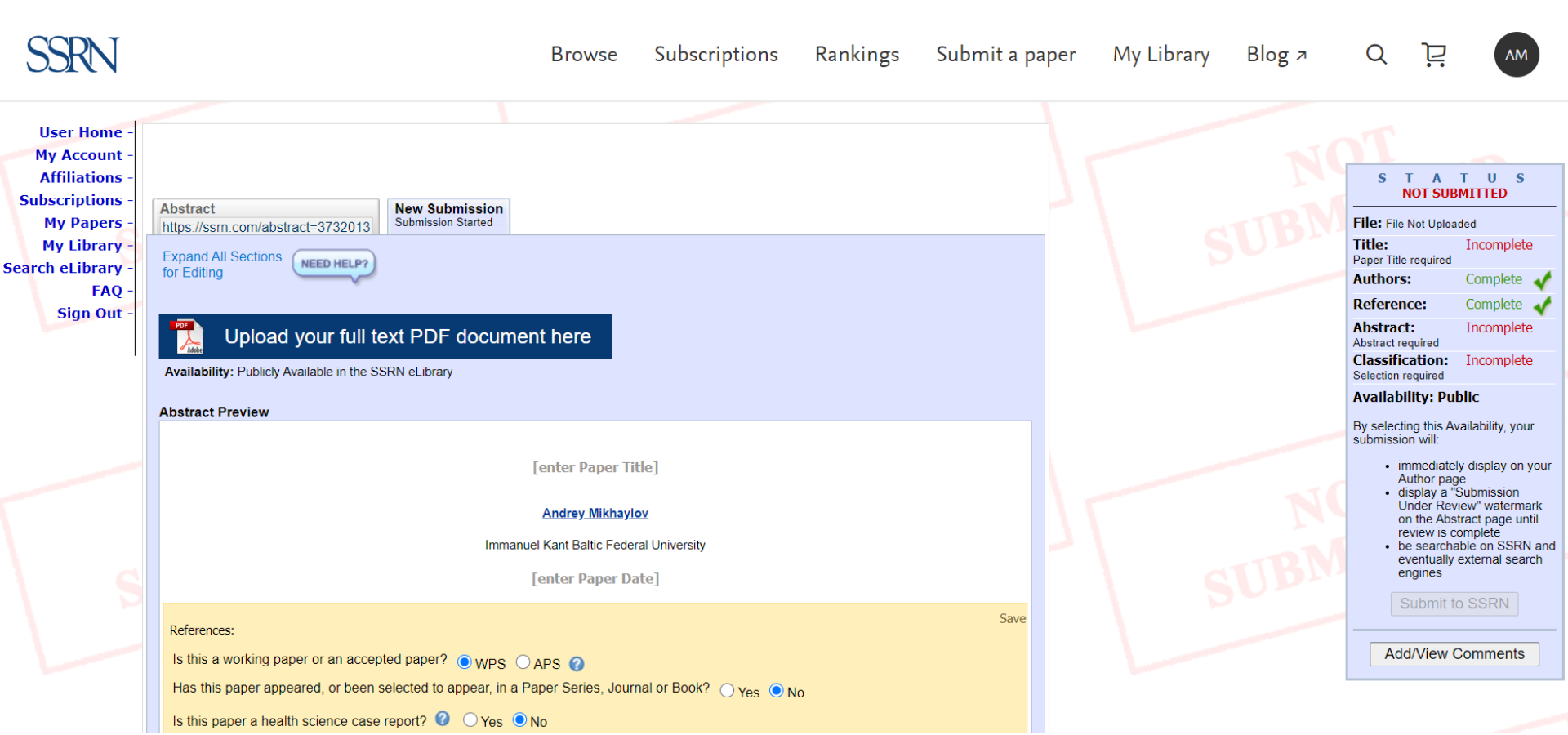

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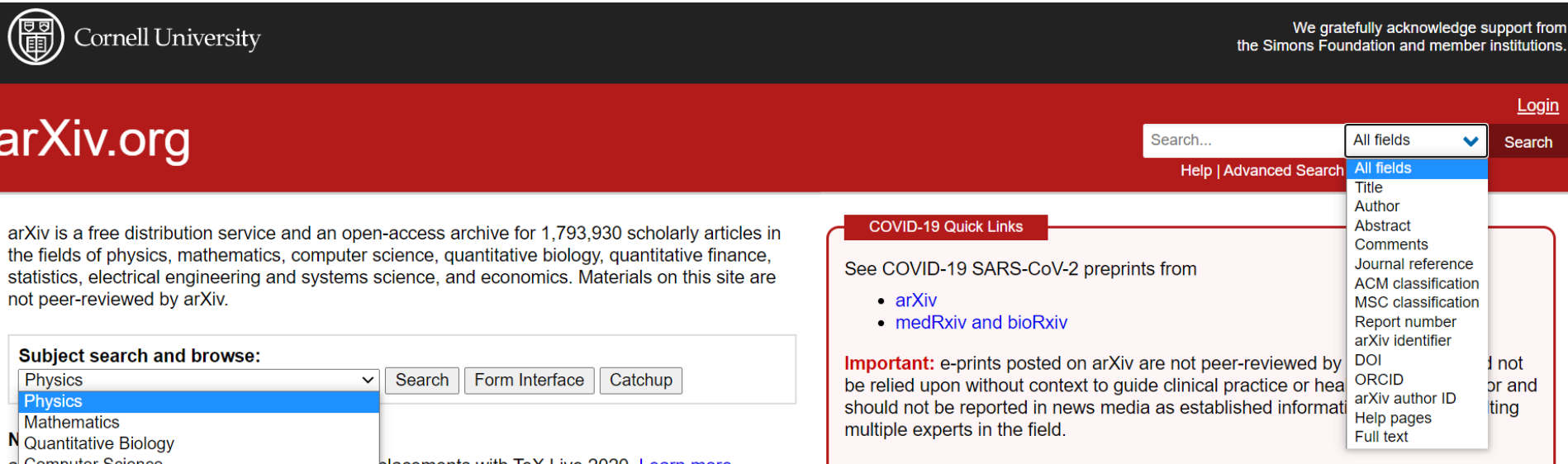

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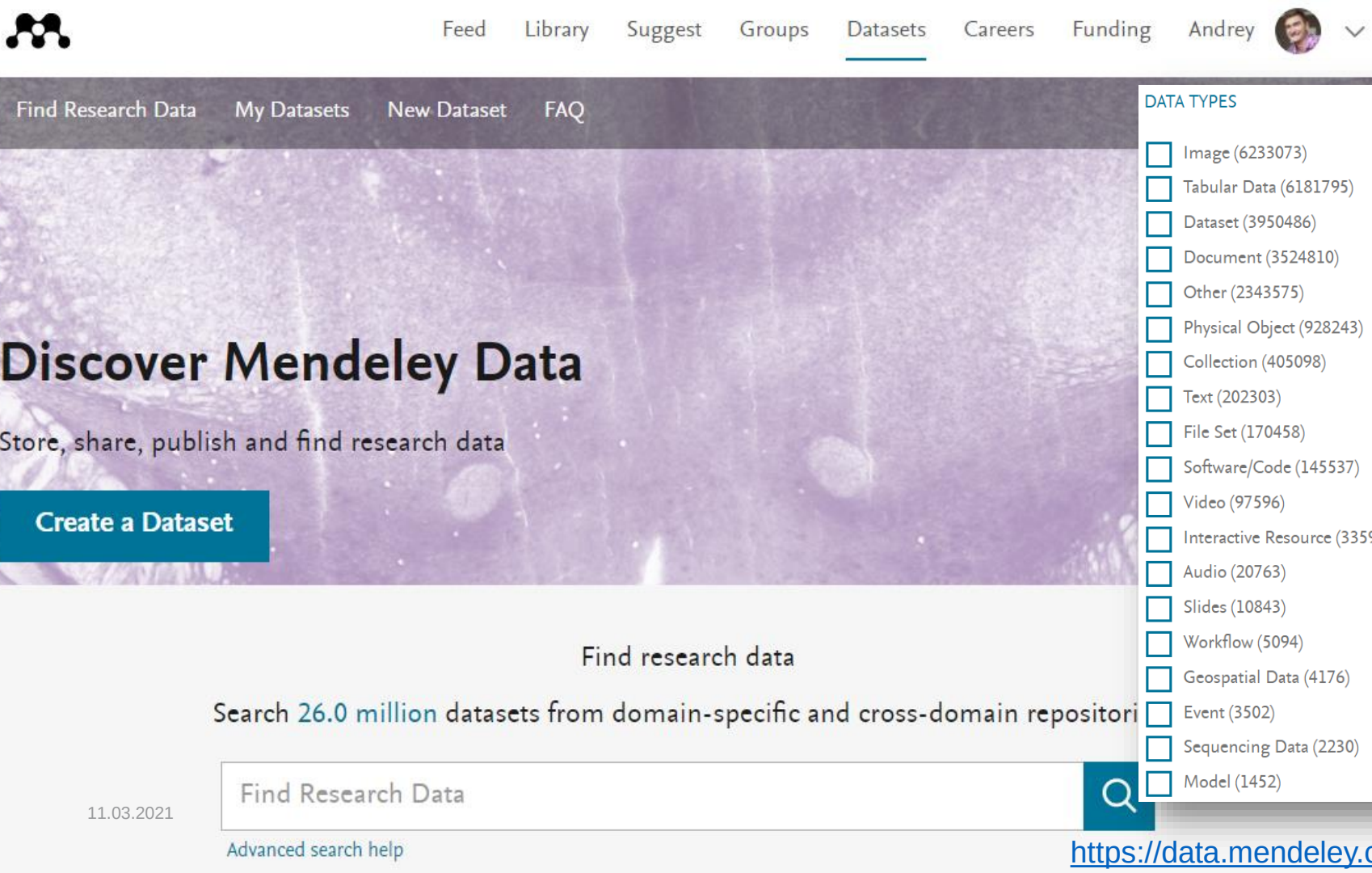
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Data for: Genotyping-by-sequencing and ecological niche modeling illuminate phylogeography, admixture, and Pleistocene range dynamics in quaking aspen (Populus tremuloides)

Published: 5 Mar 2020 | **Version 2** | **DOI:** 10.17632/jhkhvdgyfy.2

Contributor(s): Justin Bagley, Neander Heming, Eliecer Gutierrez

Description of this data

In support of the manuscript by Bagley et al. (2020; see below) on quaking aspen phylogeography and ecological niche modeling (ENM), this accession provides 1) the in-house laboratory protocol used to extract DNA from aspen leaf tissues (modified from Strauss Lab); 2) the Supporting Information files for the corresponding manuscript (Bagley et al. 2020); 3) code used to conduct independent runs of the TASSEL-GBSv2 SNP discovery pipeline (Glaubitz et al. 2014) on our final (combined) genotyping-by-sequencing (GBS) dataset; 4) resulting SNP variant files from TASSEL-GBSv2 and final filtered variant call format (VCF) and genotype data files used during our genomic analyses; and 5) unfiltered vs filtered species occurrence data files and computer code used during our ENM analyses of our focal taxon, Populus tremuloides.

REFERENCES

Bagley, J. C., Heming, N. M., Gutiérrez, E. E., Devisetty, U. K., Mock, K. E., Eckert, A. J., & Strauss, S. H. (2020). Genotyping-by-sequencing and ecological niche modeling illuminate phylogeography, admixture, and Pleistocene range dynamics in quaking aspen (Populus tremuloides). Ecology and Evolution.

Glaubitz, J. C., Casstevens, T. M., Lu, F., Harriman, J., Elshire, R. J., Sun, Q., & Buckler, E. S. (2014). TASSEL-GBS: a high capacity genotyping by sequencing analysis pipeline. PLoS One, 9(2): e90346

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Dataset on Bibliometric Mapping of Knowledge Hubs in Russia

0 Citations 44 Views 11 Downloads

Published: 15-03-2020 | **Version 2** | **DOI:** 10.17632/s4pccc9bbv.2
Contributors: Andrey Mikhaylov, Anna Mikhaylova, Dmitry Hvaley

Description

This supplementary material is related to the article "Knowledge hubs of Russia: bibliometric mapping of research activity" published in a Journal of Scientometric Research (http://www.jscires.org). We share the dataset and high-resolution figures that showcase research patterns for excellence centers located around millionaire cities in 50 and 100 km zones. Figure 1 shows the agglomeration effect on the integration of cities in research collaboration. Figure 3 presents the agglomeration effect on the global competitiveness of cities. Figure 5 demonstrates the agglomeration effect on specialization and publication activity by cities. The numbering follows the one given in the original article. The dataset reveals numbers behind Figures2&4: distribution of cities by indicators under study.

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Data

Latest version

Version 2
Published: 15-03-2020
DOI: 10.17632/s4pccc9bbv.2

Cite this dataset

Mikhaylov, Andrey; Mikhaylova, Anna; Hvaley, Dmitry (2020), "Dataset on Bibliometric Mapping of Knowledge Hubs in Russia", Mendeley Data, V2, doi: 10.17632/s4pccc9bbv.2

http://dx.doi.org/10.17632/s4pccc9bbv.2

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Референс-менеджер Mendeley

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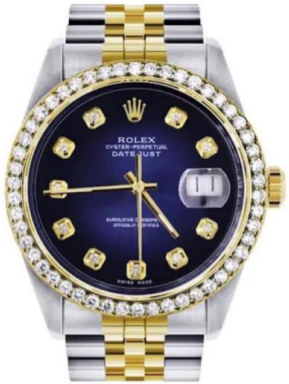
Что такое Mendeley?

Что такое Mendeley?

Mendeley - бесплатная программа для управления библиографической информацией (**библиоменеджер**), позволяющая хранить и просматривать публикации в формате PDF. Для получения доступа к использованию программы, необходимо создать учётную запись на сайте Mendeley. Базовый пакет Mendeley распространяется как freeware, однако существуют платные версии с увеличенными квотами на хранение материалов и создание групп.

Библиоменеджер (Reference management software) - это система, позволяющая исследователям, учёным и писателям создавать, организовывать в персональной библиотеке и повторно использовать библиографические ссылки.



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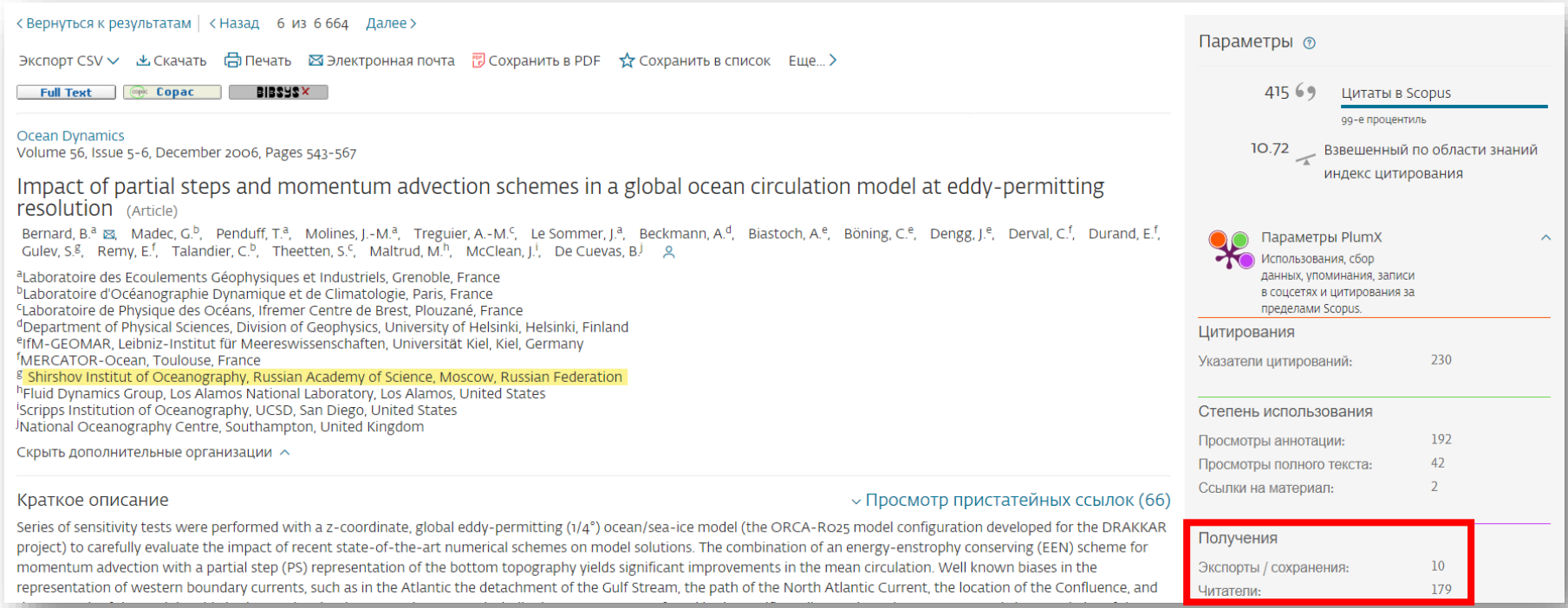

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Ocean Dynamics
Volume 56, Issue 5-6, December 2006, Pages 543-567

Impact of partial steps and momentum advection schemes in a global ocean circulation model at eddy-permitting resolution (Article)

Bernard, B.[a], Madec, G.[b], Penduff, T.[a], Molines, J.-M.[a], Treguier, A.-M.[c], Le Sommer, J.[a], Beckmann, A.[d], Biastoch, A.[e], Böning, C.[e], Dengg, J.[e], Derval, C.[f], Durand, E.[f], Gulev, S.[g], Remy, E.[f], Talandier, C.[b], Theetten, S.[c], Maltrud, M.[h], McClean, J.[i], De Cuevas, B.[j]

[a]Laboratoire des Ecoulements Géophysiques et Industriels, Grenoble, France
[b]Laboratoire d'Océanographie Dynamique et de Climatologie, Paris, France
[c]Laboratoire de Physique des Océans, Ifremer Centre de Brest, Plouzané, France
[d]Department of Physical Sciences, Division of Geophysics, University of Helsinki, Helsinki, Finland
[e]IfM-GEOMAR, Leibniz-Institut für Meereswissenschaften, Universität Kiel, Kiel, Germany
[f]MERCATOR-Ocean, Toulouse, France
[g]Shirshov Institut of Oceanography, Russian Academy of Science, Moscow, Russian Federation
[h]Fluid Dynamics Group, Los Alamos National Laboratory, Los Alamos, United States
[i]Scripps Institution of Oceanography, UCSD, San Diego, United States
[j]National Oceanography Centre, Southampton, United Kingdom

Скрыть дополнительные организации

Краткое описание

Просмотр пристатейных ссылок (66)

Series of sensitivity tests were performed with a z-coordinate, global eddy-permitting (1/4°) ocean/sea-ice model (the ORCA-R025 model configuration developed for the DRAKKAR project) to carefully evaluate the impact of recent state-of-the-art numerical schemes on model solutions. The combination of an energy-enstrophy conserving (EEN) scheme for momentum advection with a partial step (PS) representation of the bottom topography yields significant improvements in the mean circulation. Well known biases in the representation of western boundary currents, such as in the Atlantic the detachment of the Gulf Stream, the path of the North Atlantic Current, the location of the Confluence, and

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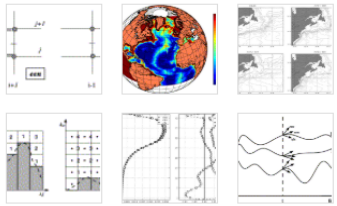

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Ocean Modelling
Volume 29, Issue 1, 2009, Pages 1-14

How momentum advection schemes influence current-topography interactions at eddy permitting resolution

Julien Le Sommer [a], Thierry Penduff [a], Sébastien Theetten [b], Gurvan Madec [c], Bernard Barnier [a]

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https://doi.org/10.1016/j.ocemod.2008.11.007

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Abstract

Recent studies have shown that the use of an enstrophy-and-energy-conserving momentum advection scheme substantially reduces widespread biases of mean currents in the global 1/4° DRAKKAR model. This paper investigates the origin of these improvements. A series of sensitivity simulations with different momentum advection schemes is performed with the North Atlantic 1/4° DRAKKAR model. Three second order momentum advection schemes conserving, respectively, enstrophy (*ens*), energy (*efx*) and both quantities (*een*) are tested and their impact on the model solution are compared.

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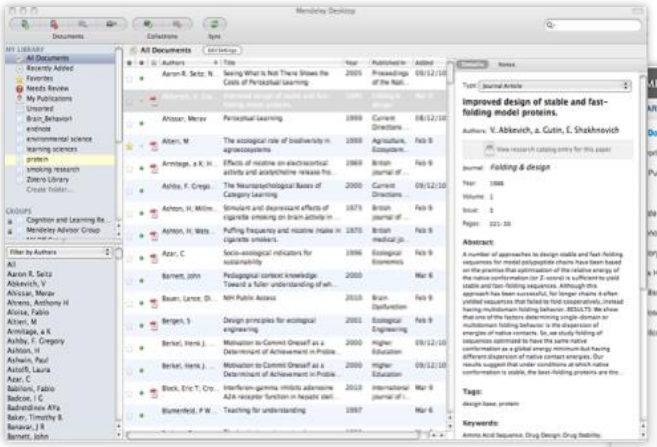

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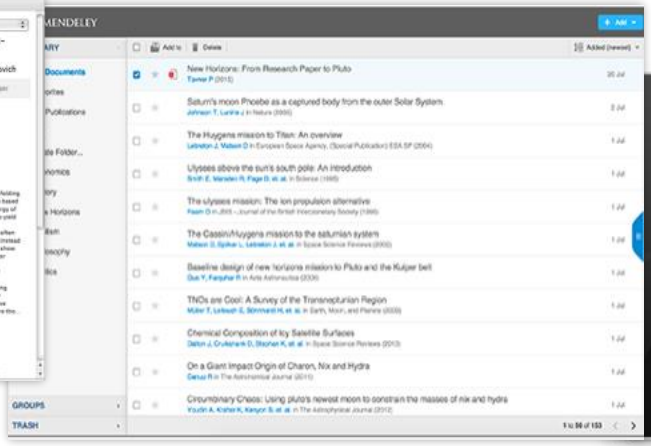

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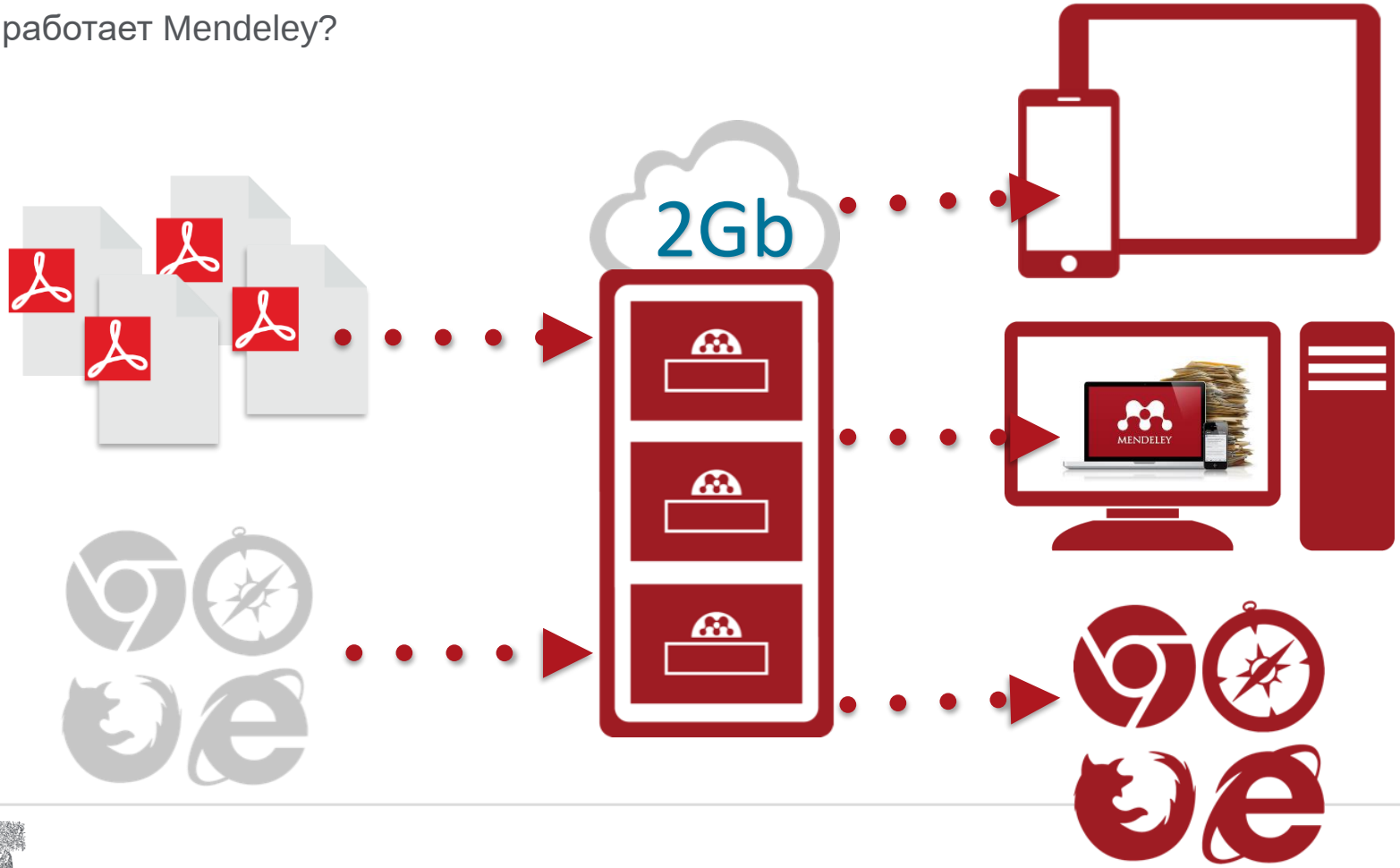

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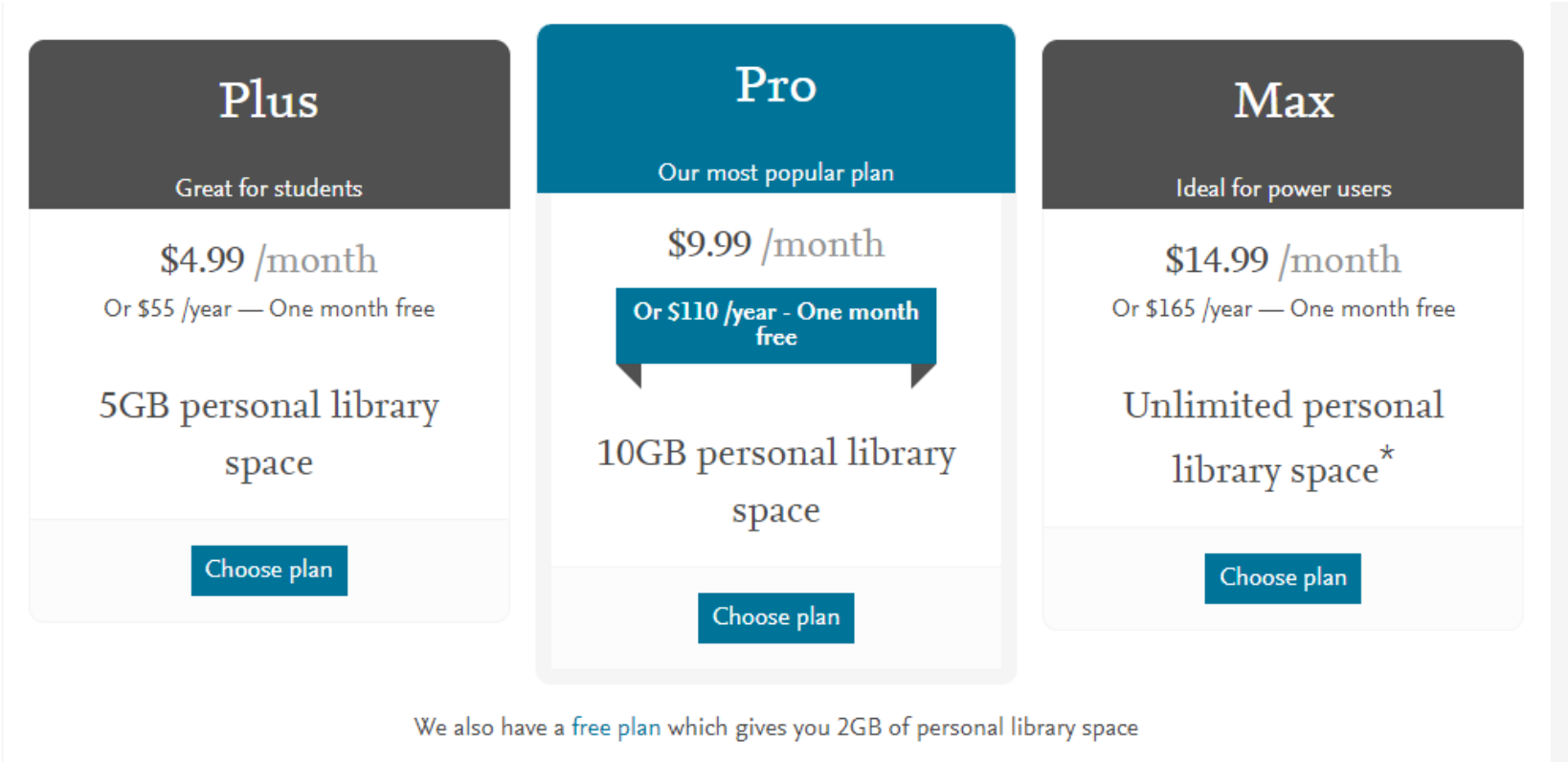

Источник: https://blog.mendeley.com/tag/mendeley-storage-limits/ или https://www.mendeley.com/settings/upgrade/

Важные изменения в Mendeley уже с этого года

Для того чтобы сосредоточиться на предоставлении максимально качественного обслуживания пользователей Mendeley референс-менеджера, начиная с декабря 2020 года мы прекратили поддержку следующих функций в Mendeley:

- Mendeley Feed
- Public Groups
- Mendeley Profiles
- Mendeley Funding

*С 15 марта 2021 прекратит работать мобильное приложение Mendeley (Mendeley mobile app)

Источник: https://blog.mendeley.com/2020/11/02/weve-listened-to-our-users-and-are-refocusing-on-whats-important-to-them/ и https://service.elsevier.com/app/answers/detail/a_id/33378/supporthub/mendeley/p/16075/#:~:text=On%20March%2015%2C%202021%20the,your%20library%20to%20the%20cloud

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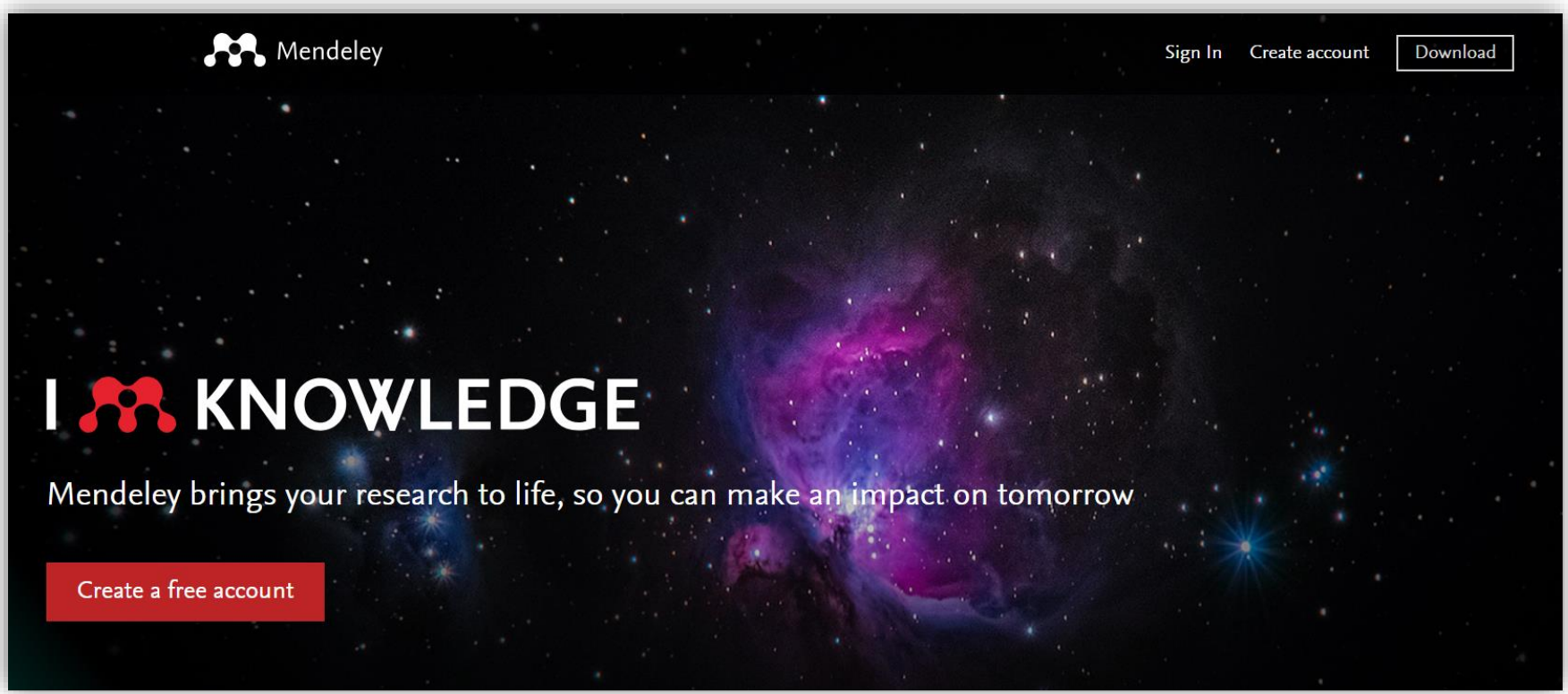

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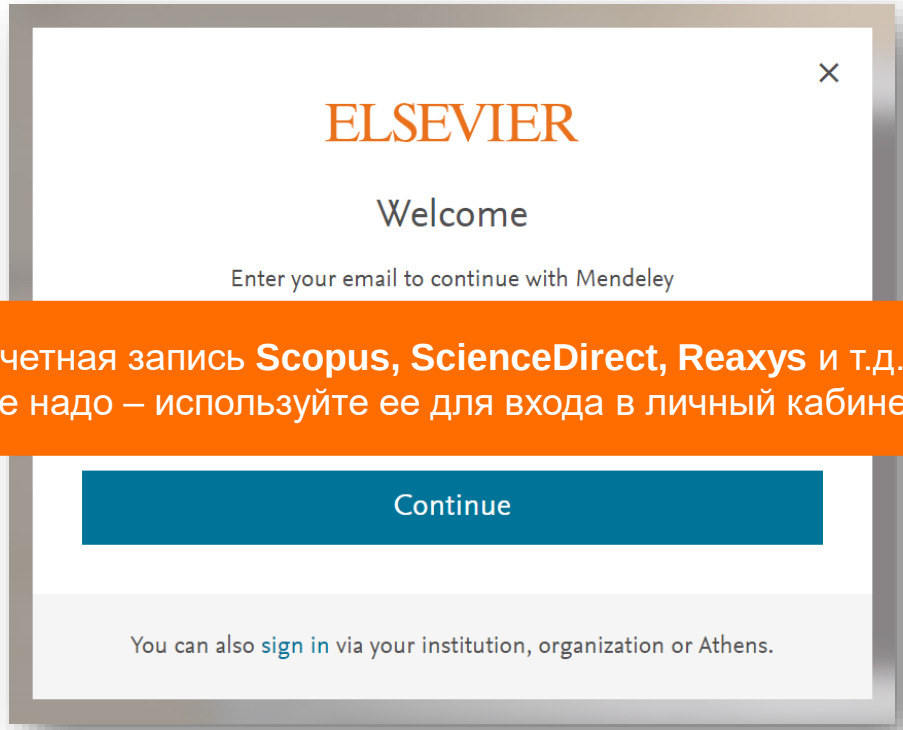

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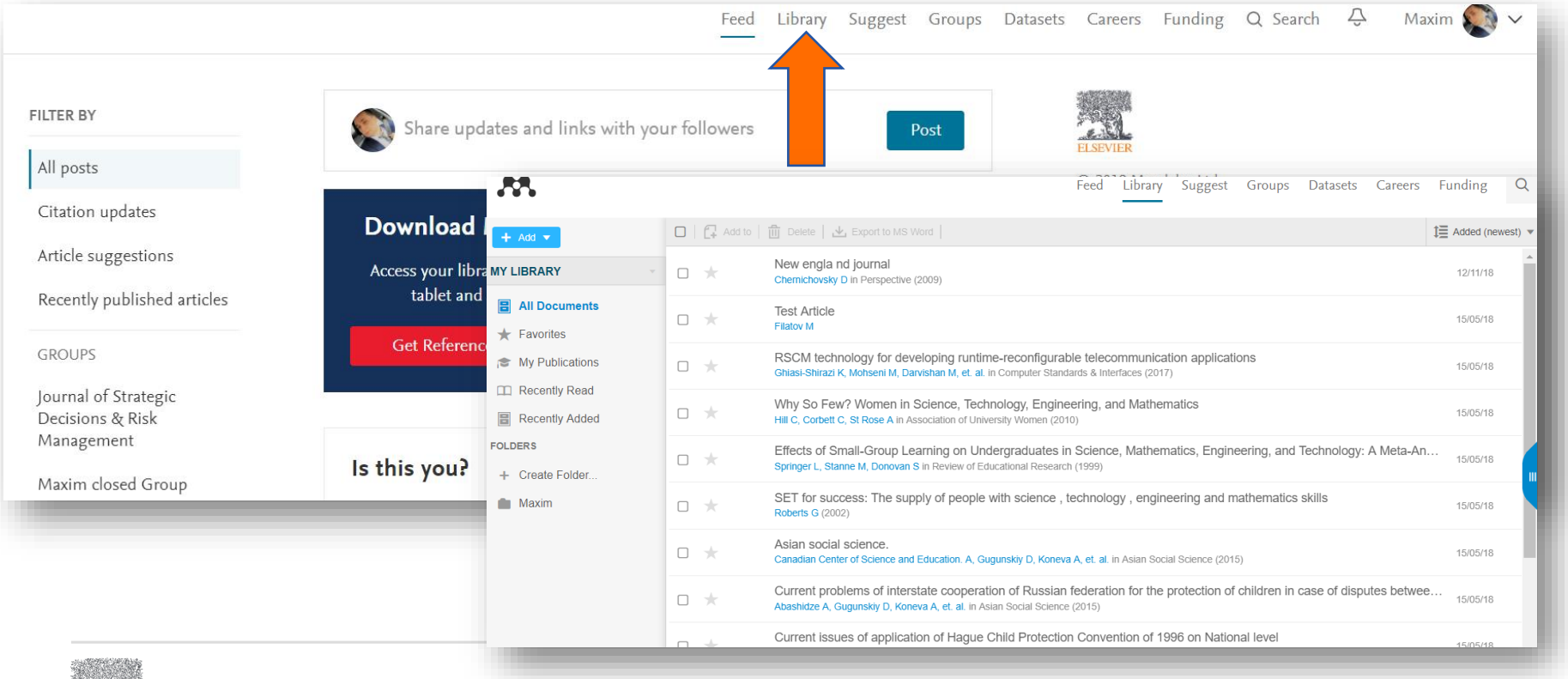

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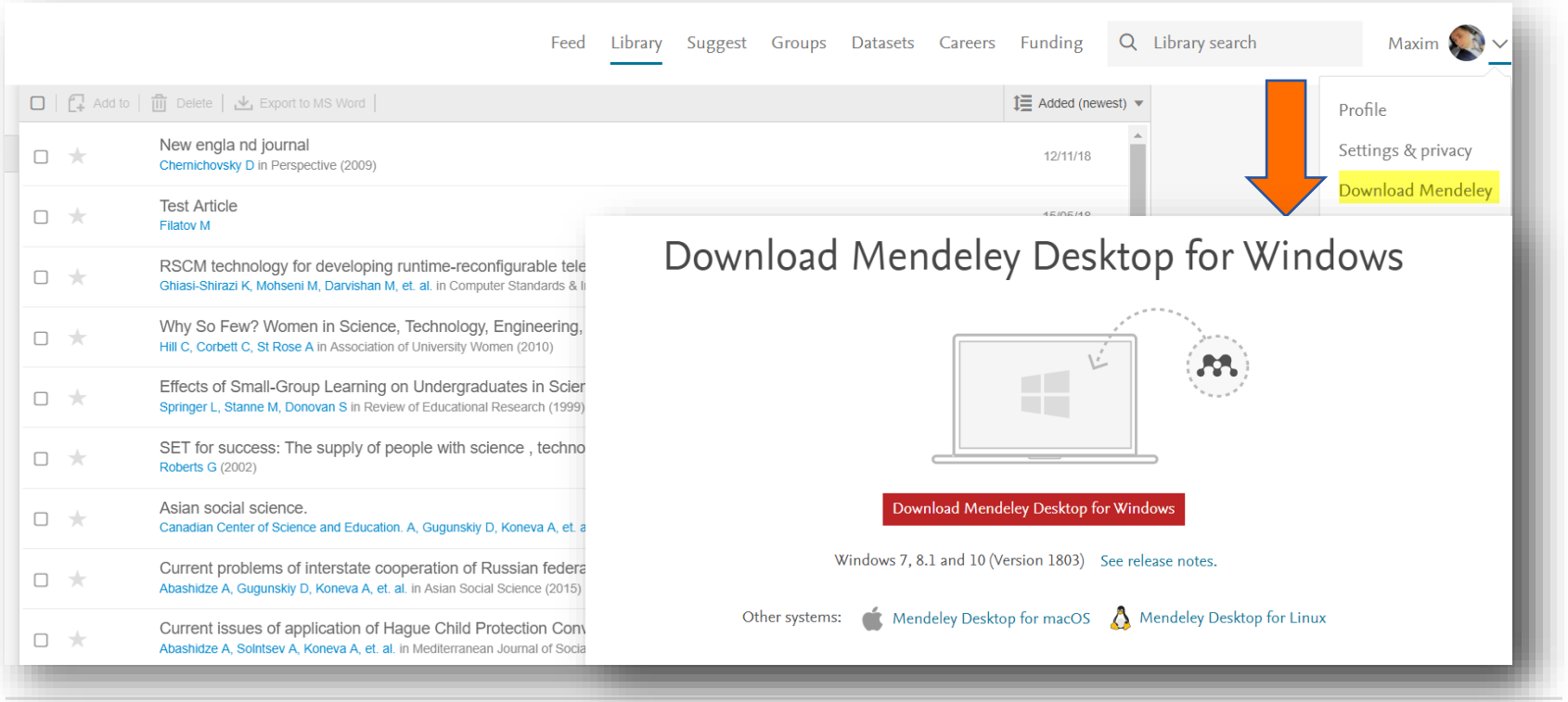

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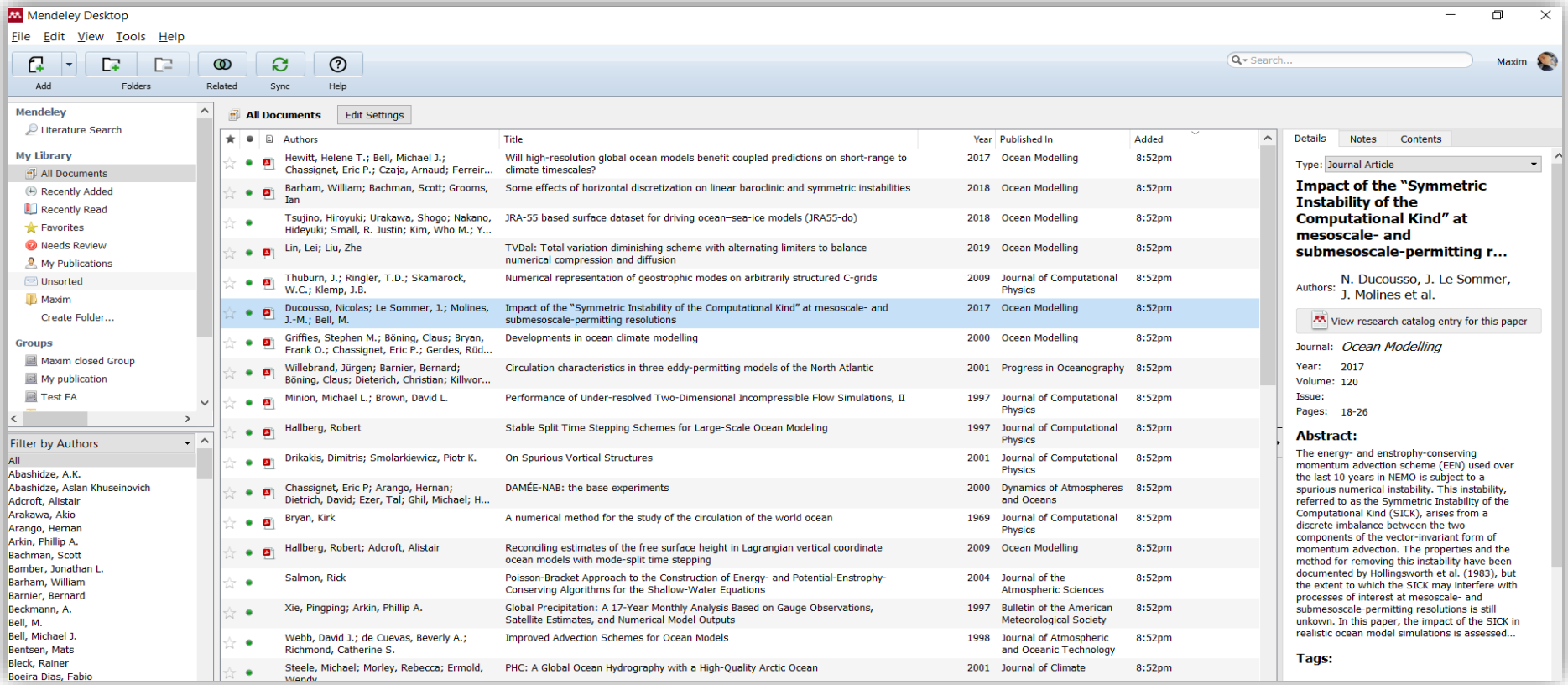

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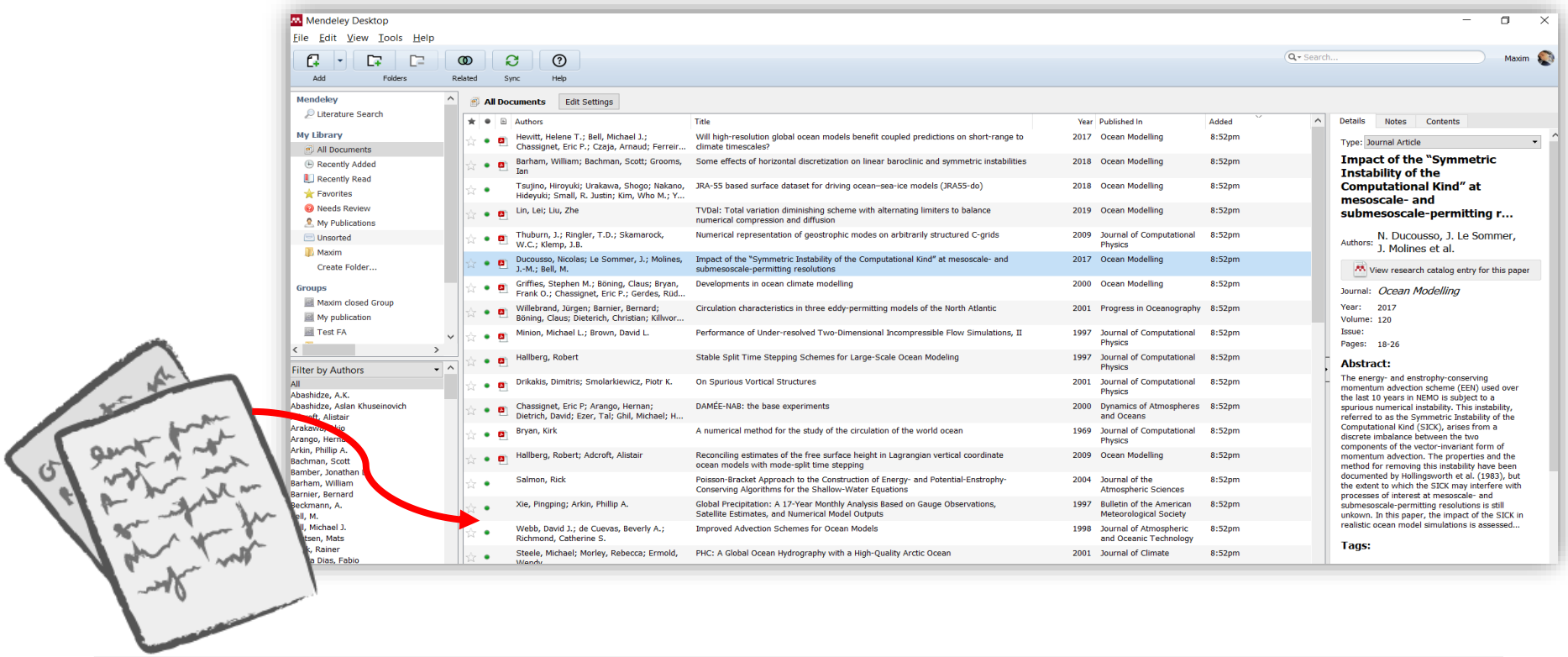

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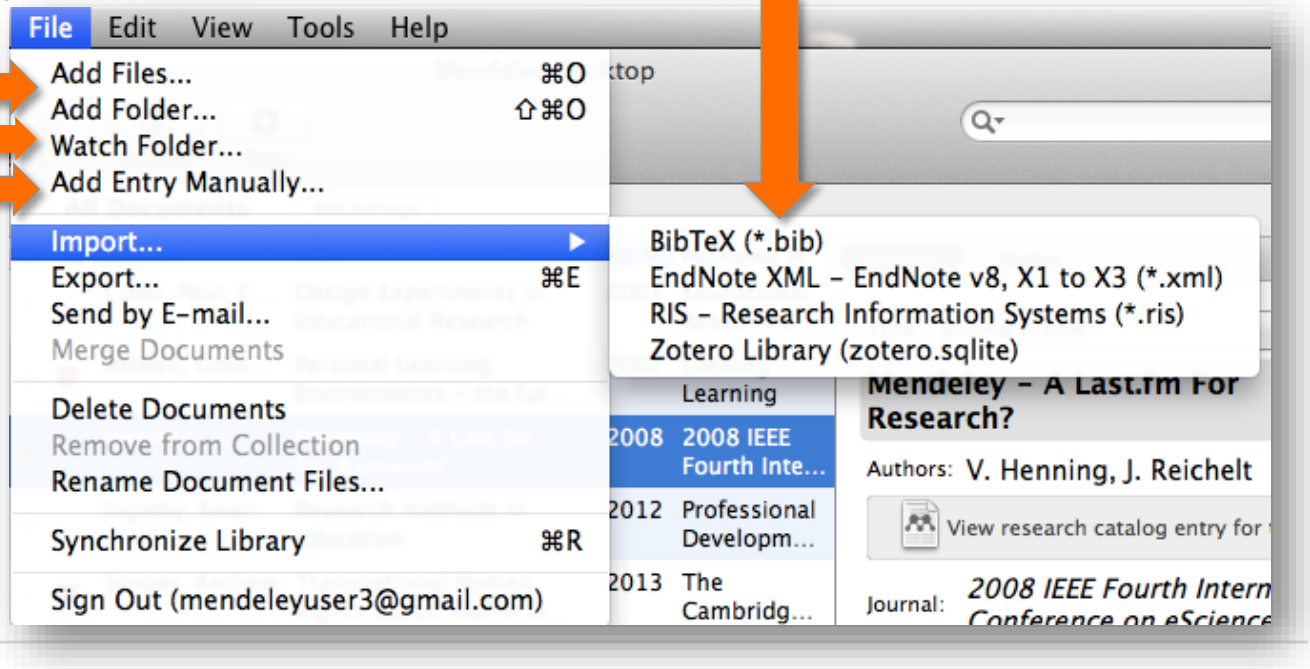

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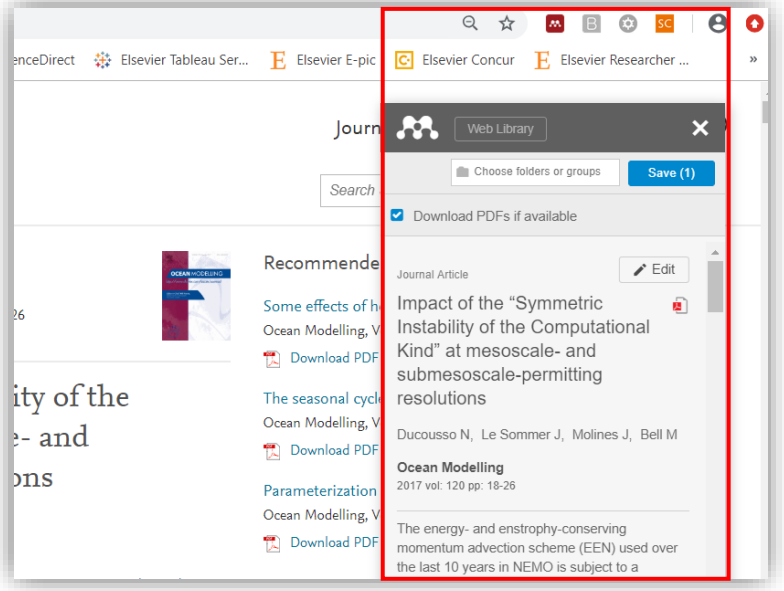

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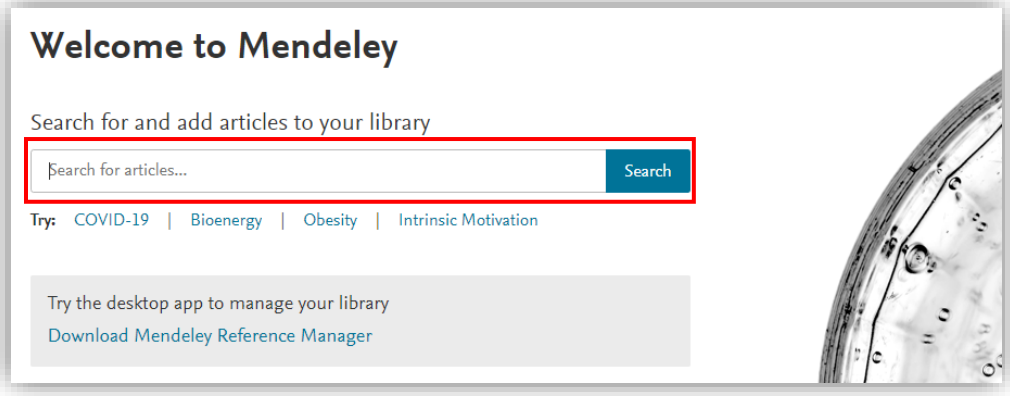

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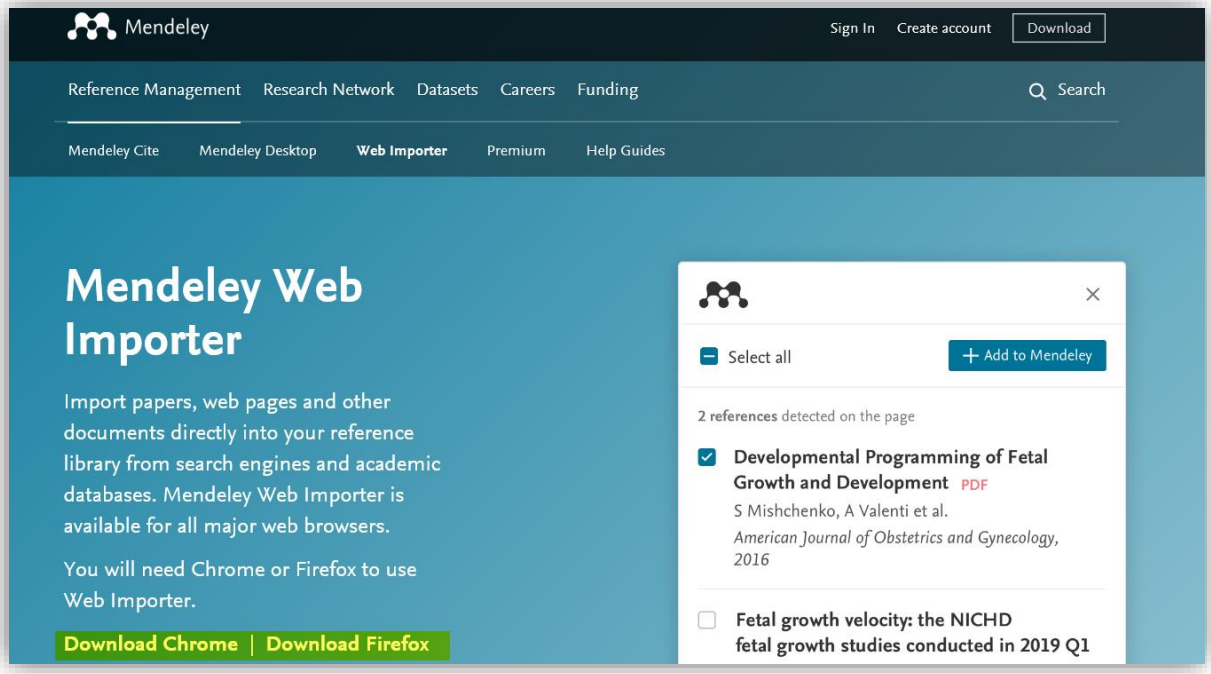

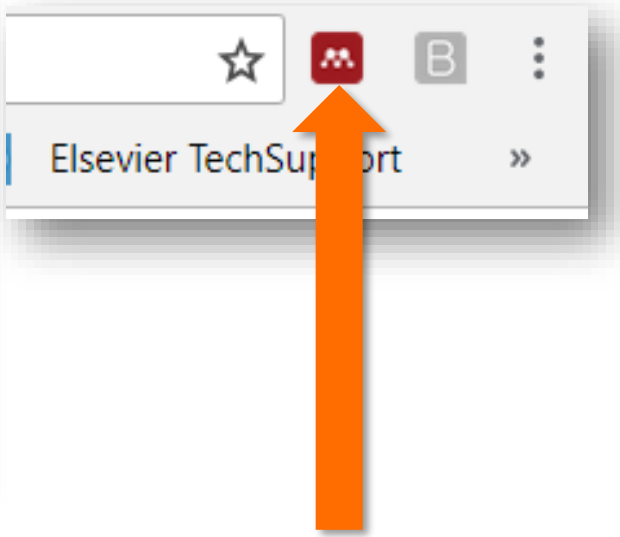

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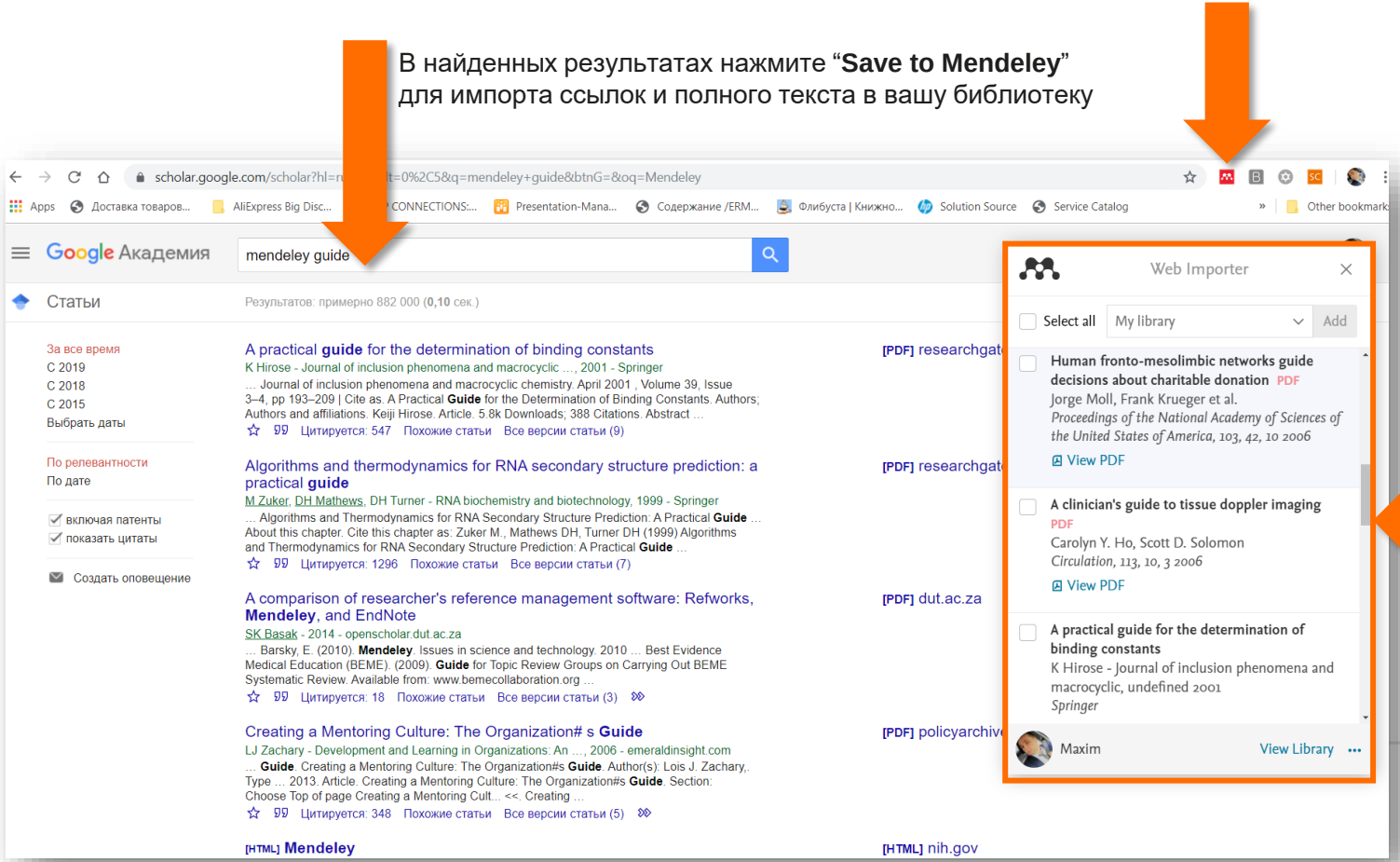

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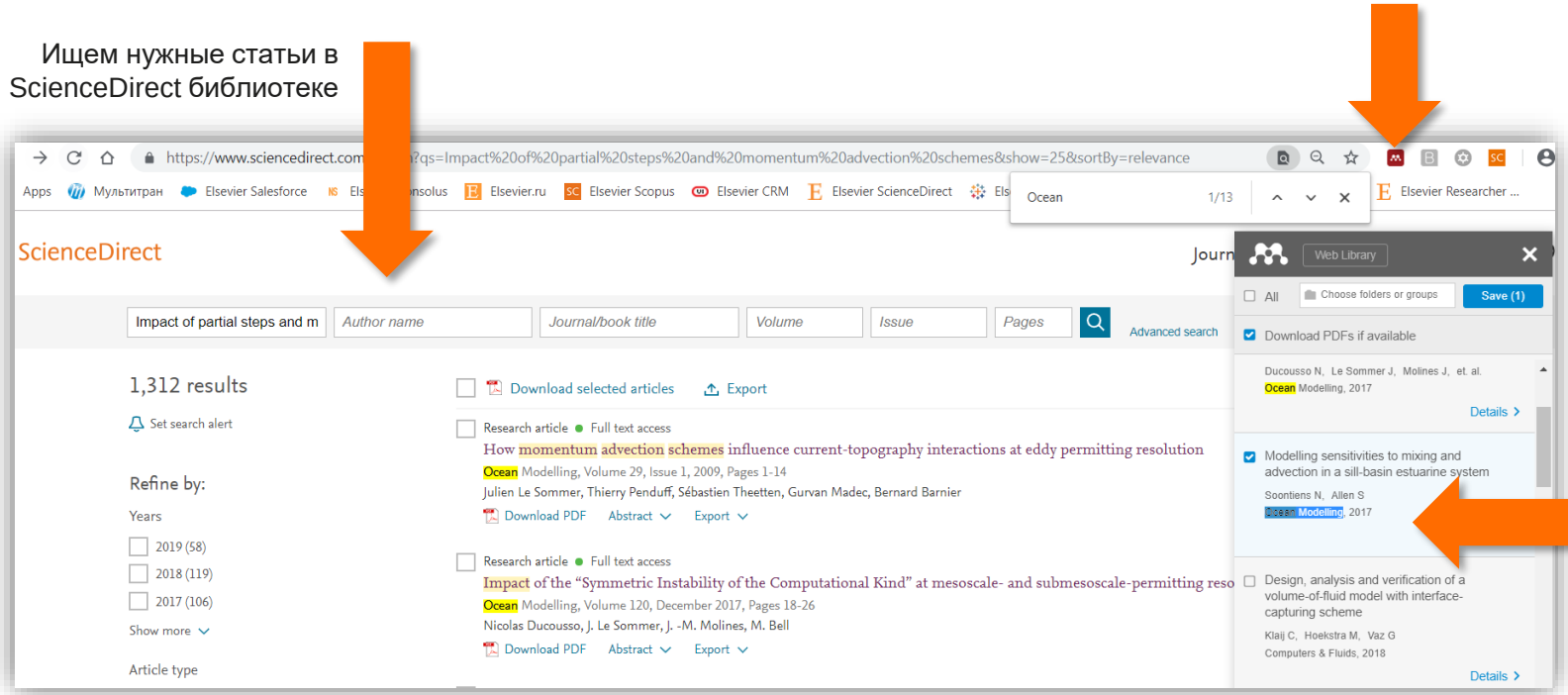

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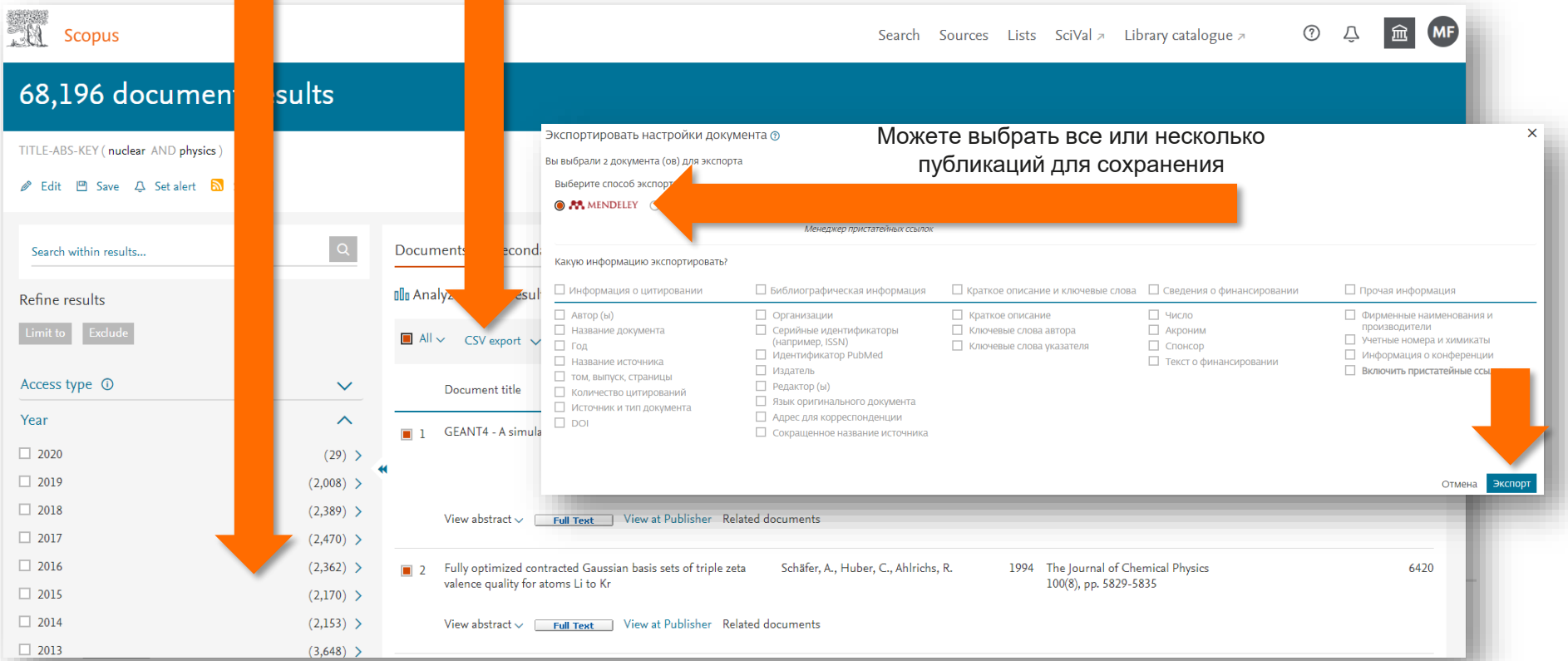

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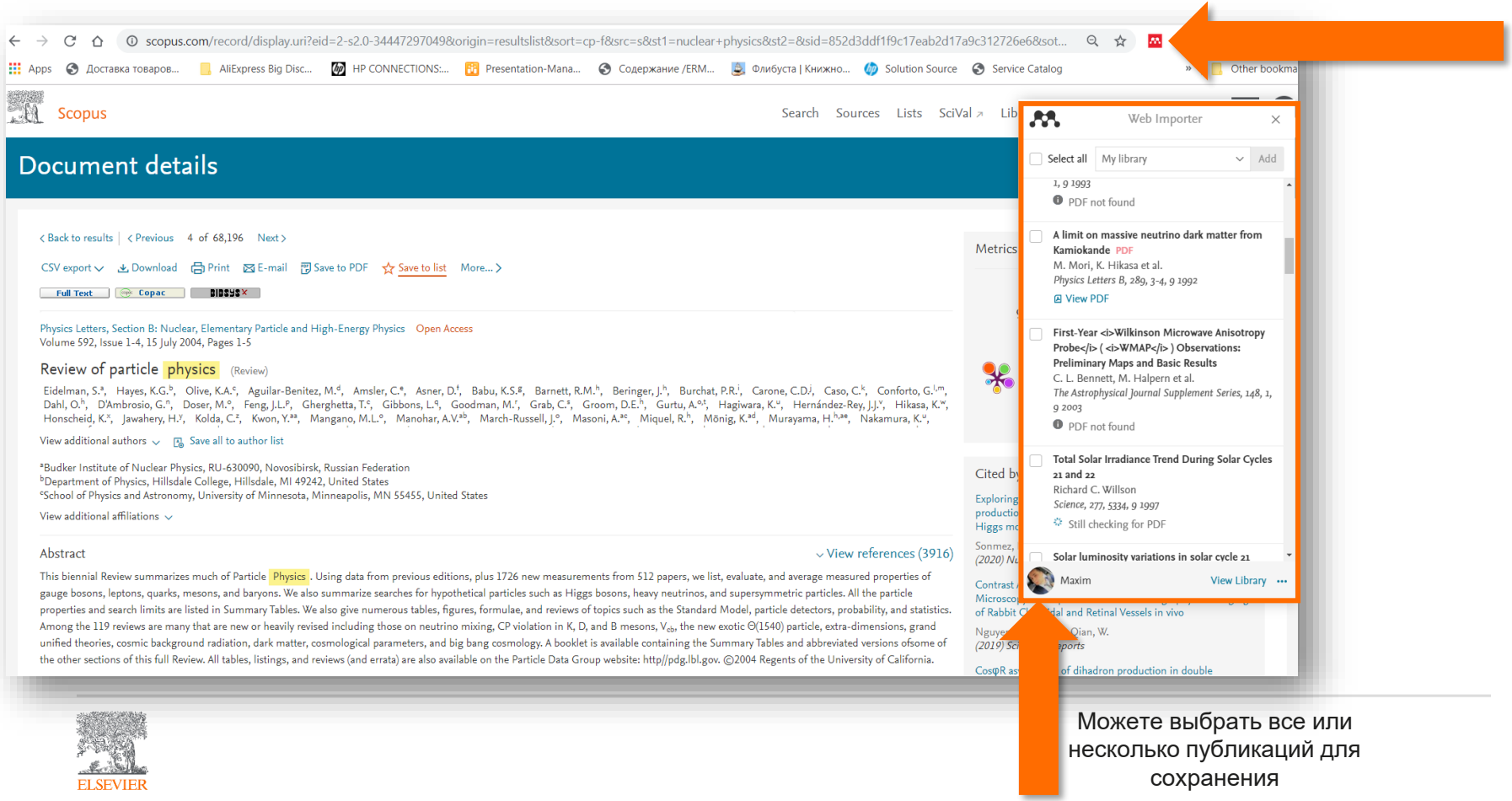

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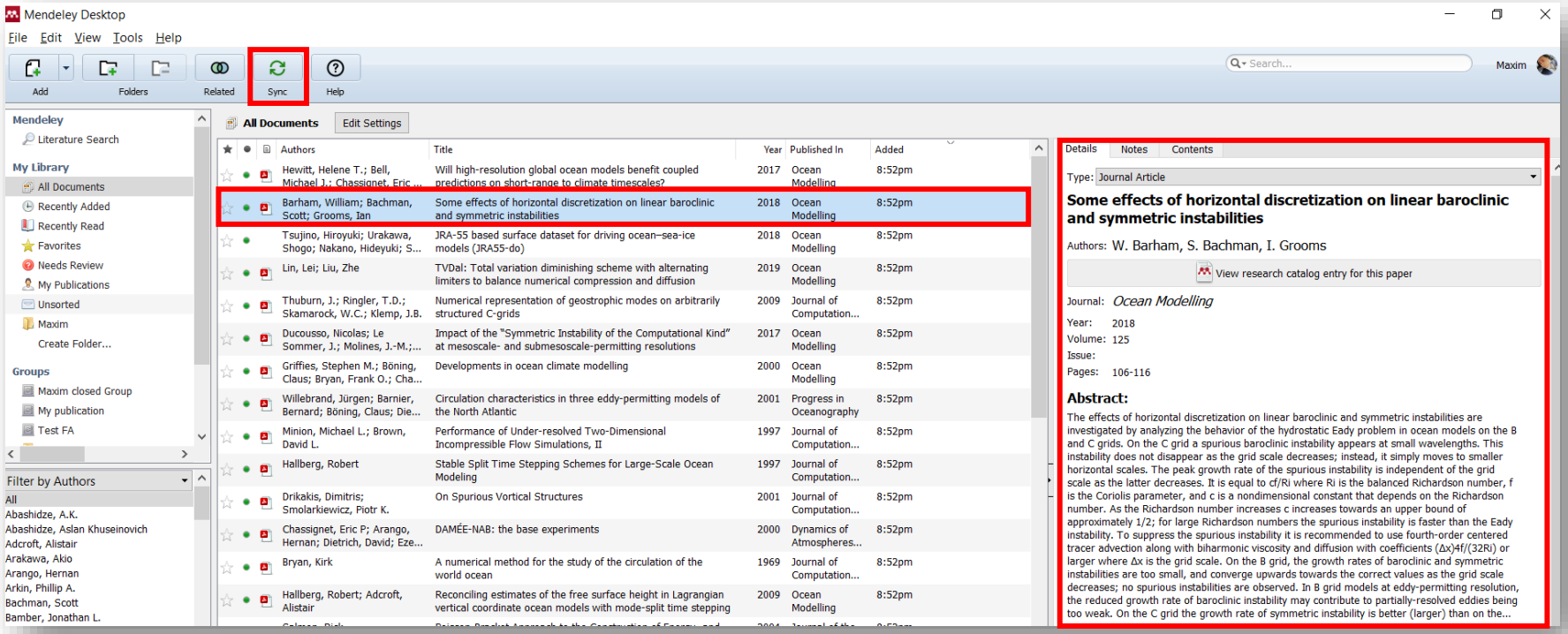

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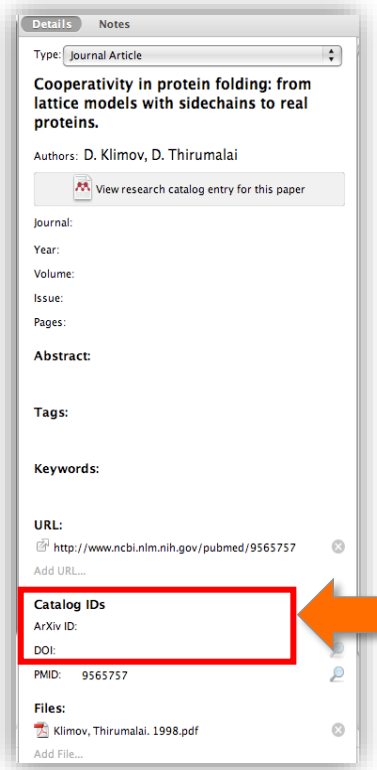

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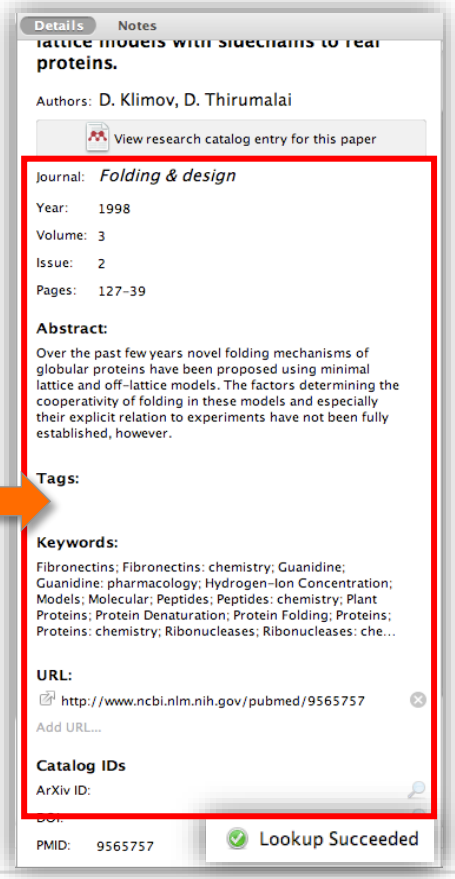

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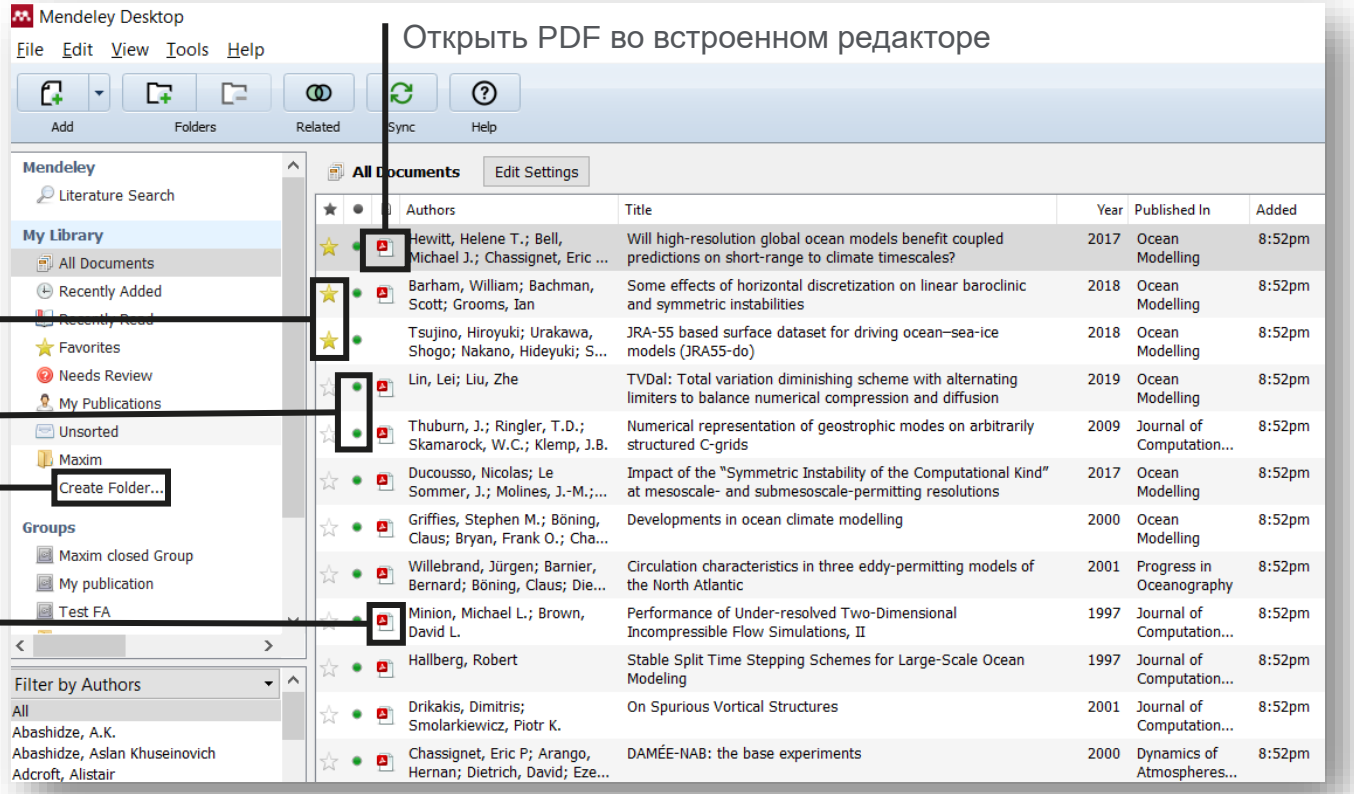

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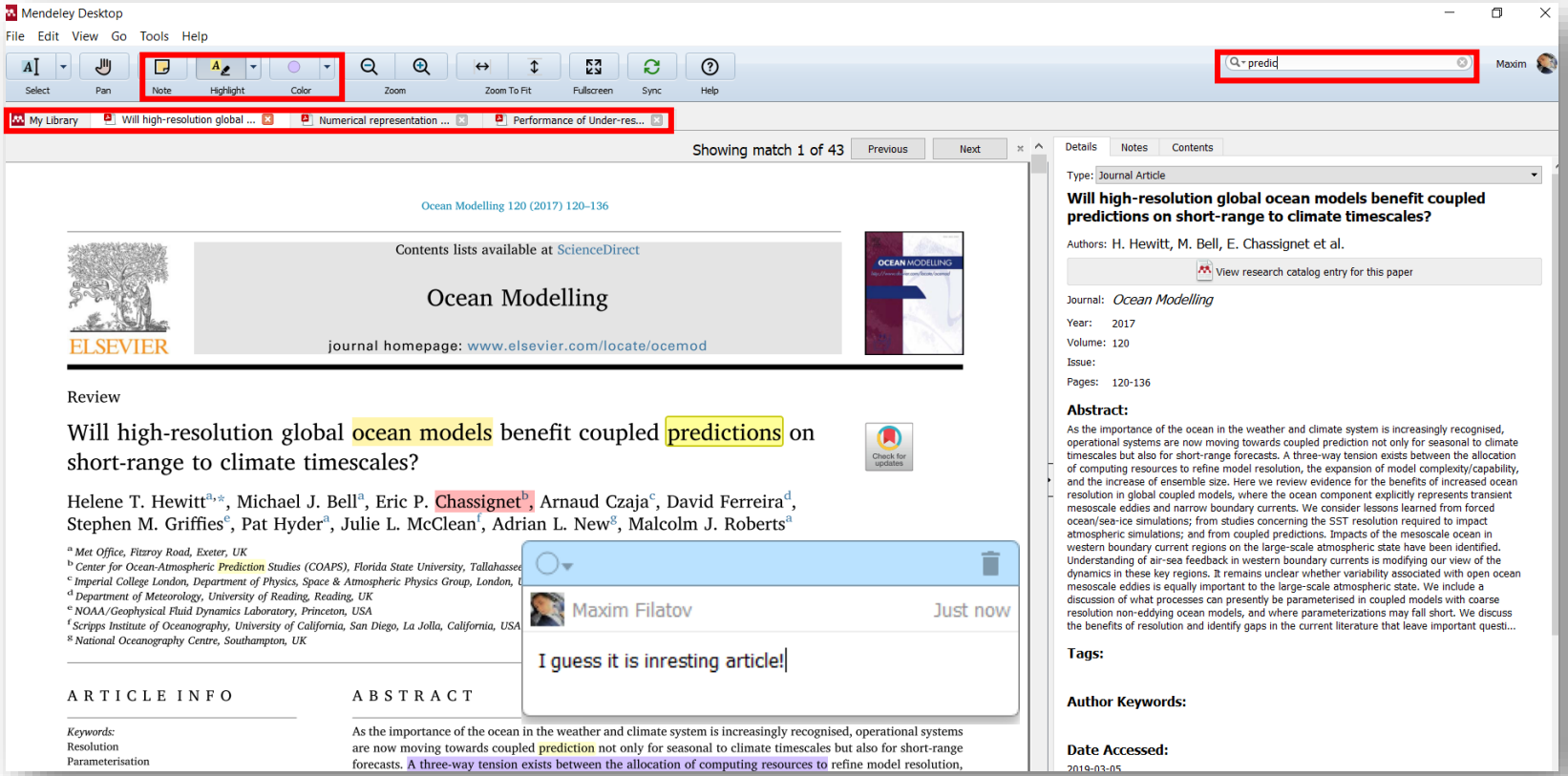

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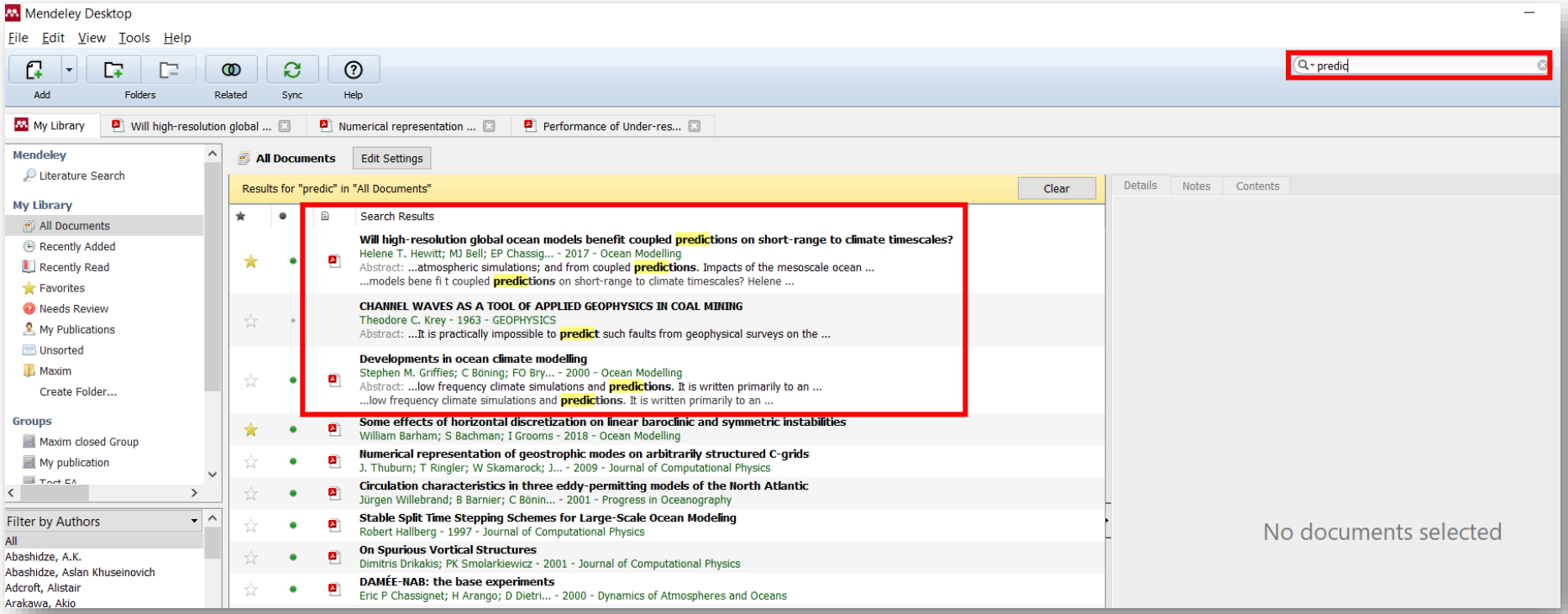

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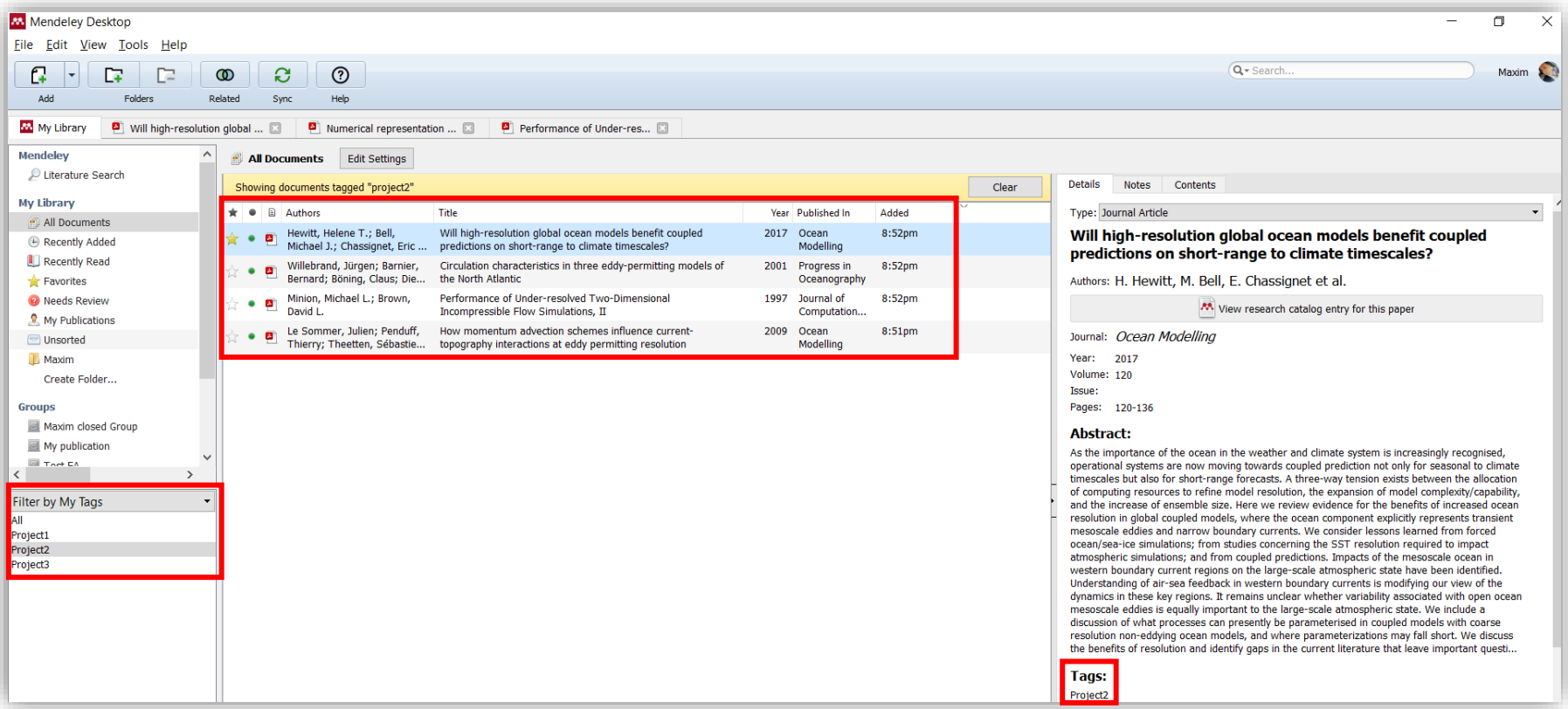

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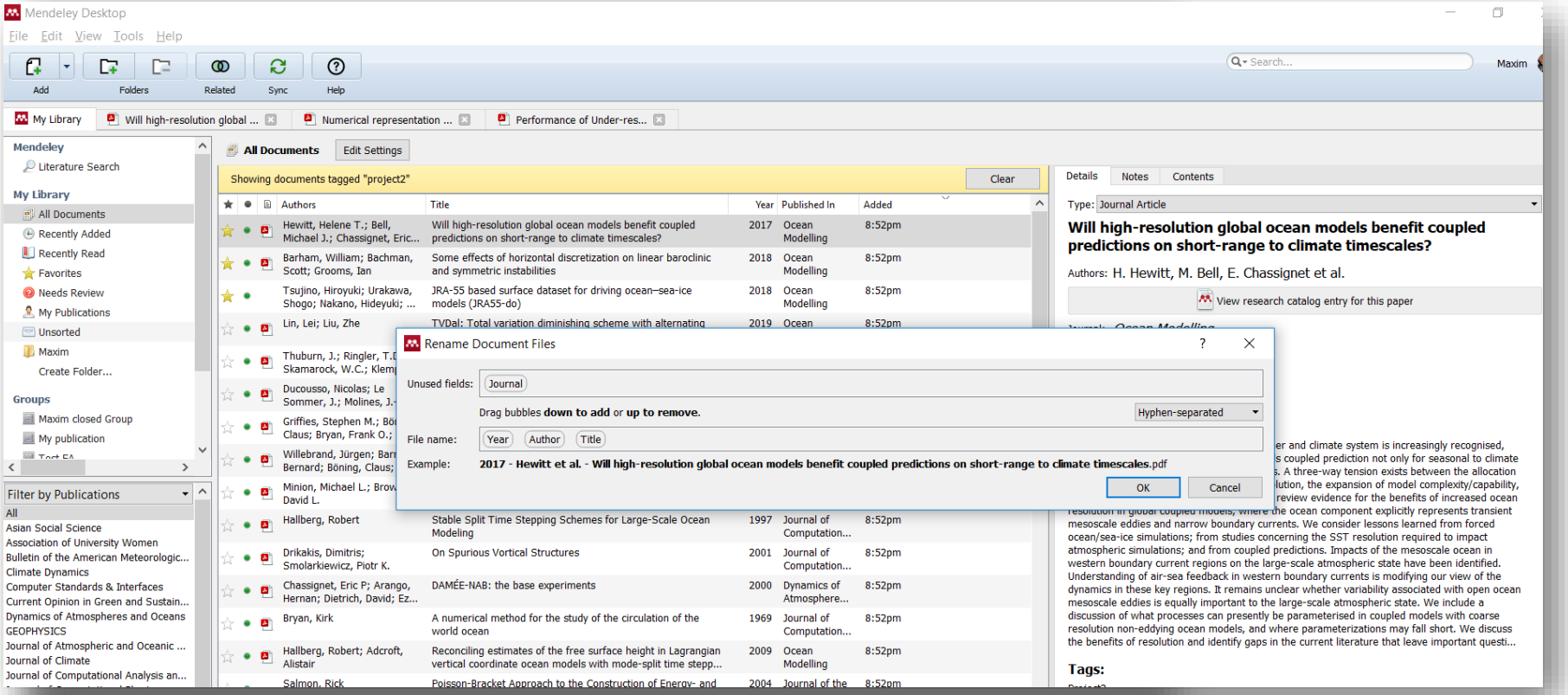

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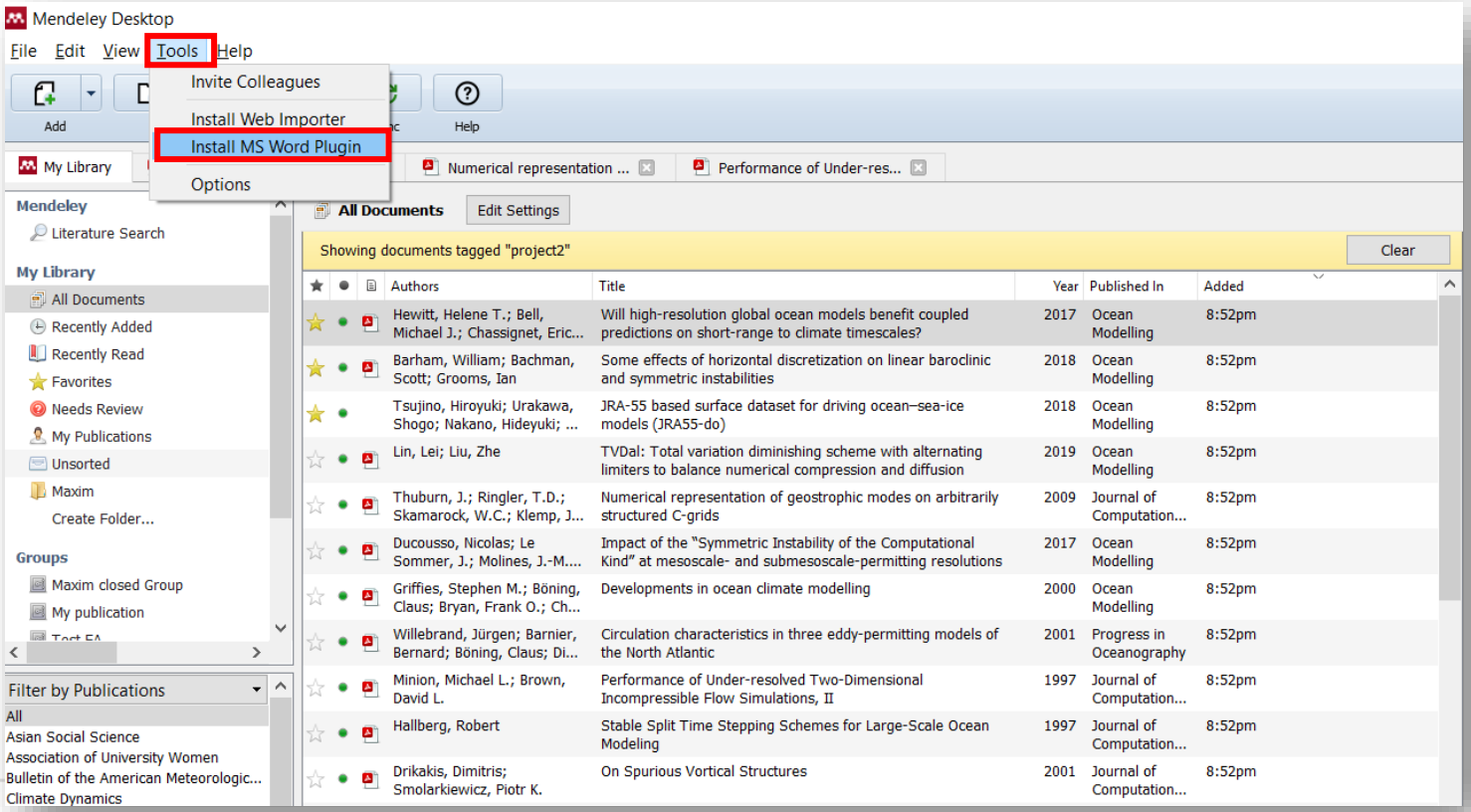

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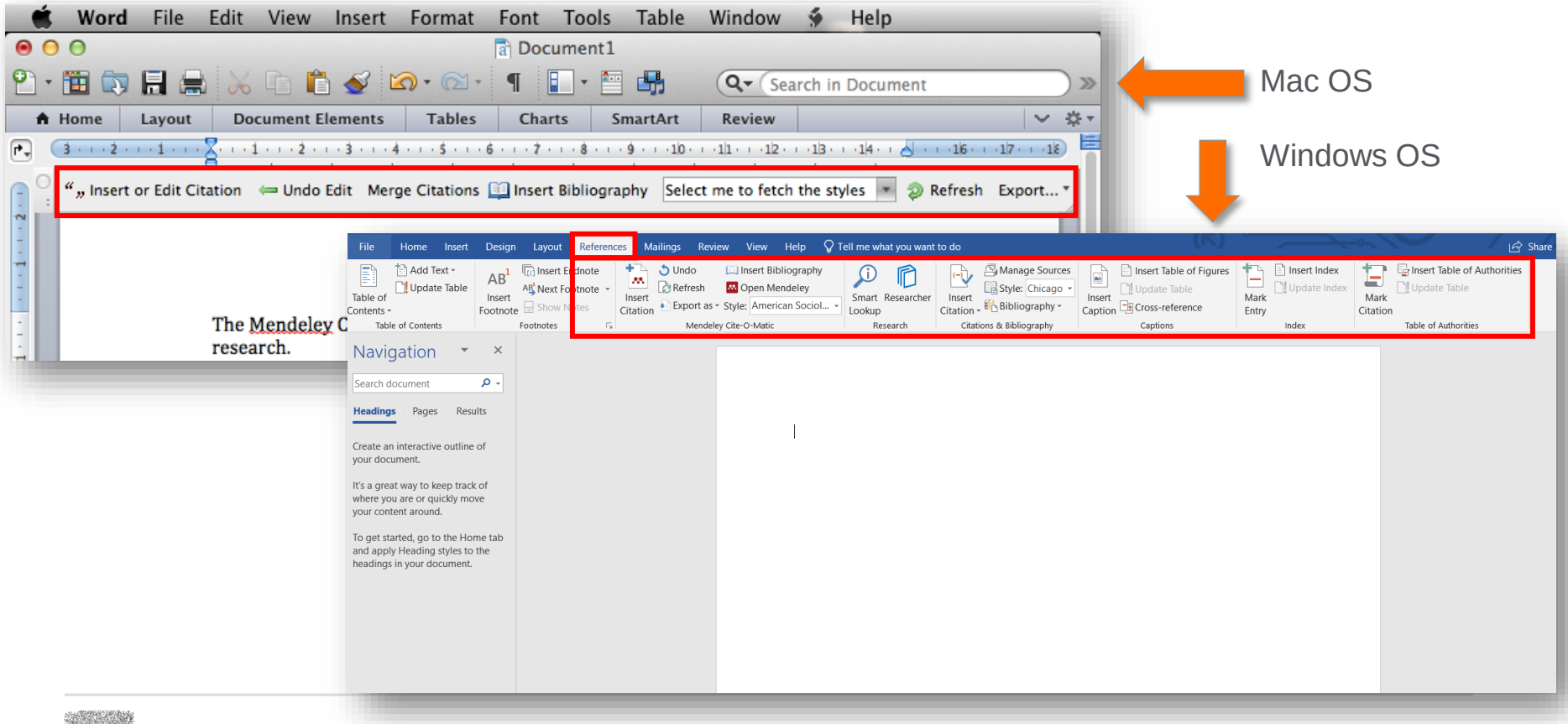

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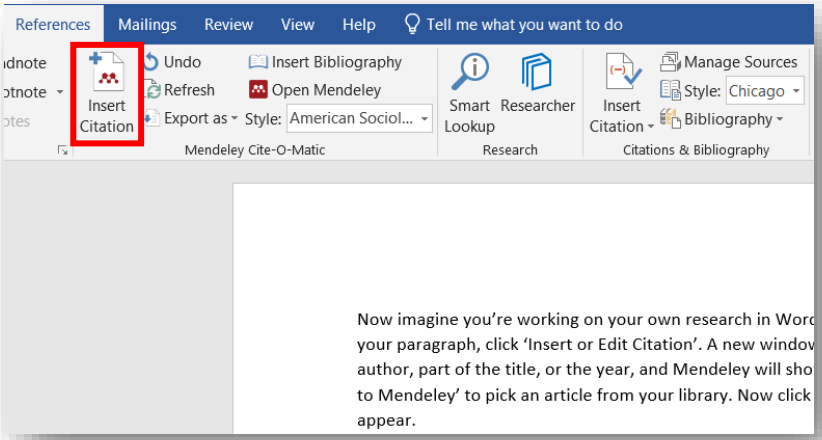
Пример создания ссылок в MS Word



1. Кликните 'Insert or Edit Citation'

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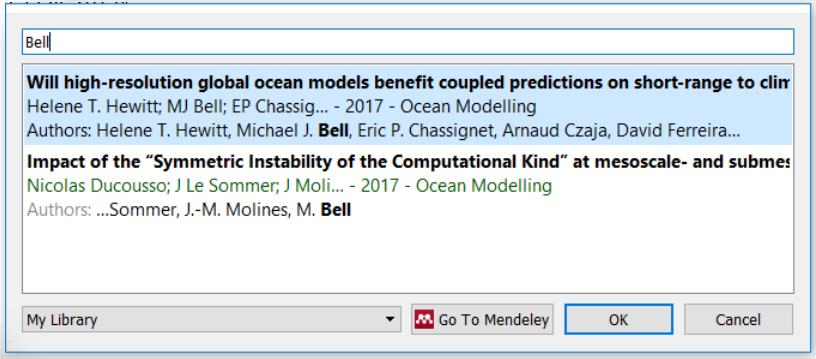

3. Выбранная статья или книга будет автоматически преобразована в ссылку

Now imagine you're working on your own research in Word. When you're ready to add a citation to your paragraph, click 'Insert or Edit Citation'. A new window will pop up. Simply type in the name of the author, part of the title, or the year, and Mendeley will show you a list of matches. You can also click 'Go to Mendeley' to pick an article from your library. Now click 'OK' to add the citation in Word, and it will appear.(Abashidze et al. 2015)(Hewitt et al. 2017)(Abashidze et al. 2015; Hewitt et al. 2017)

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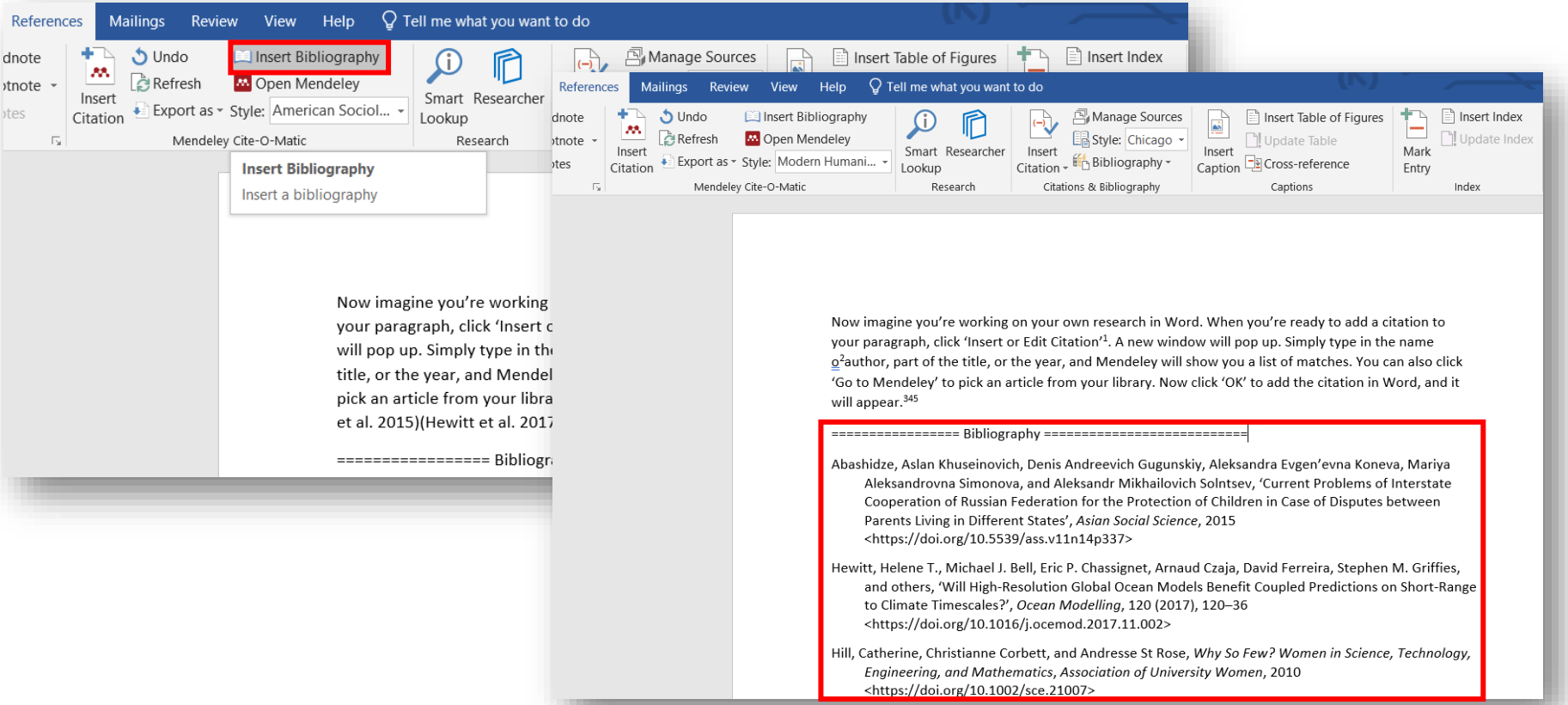

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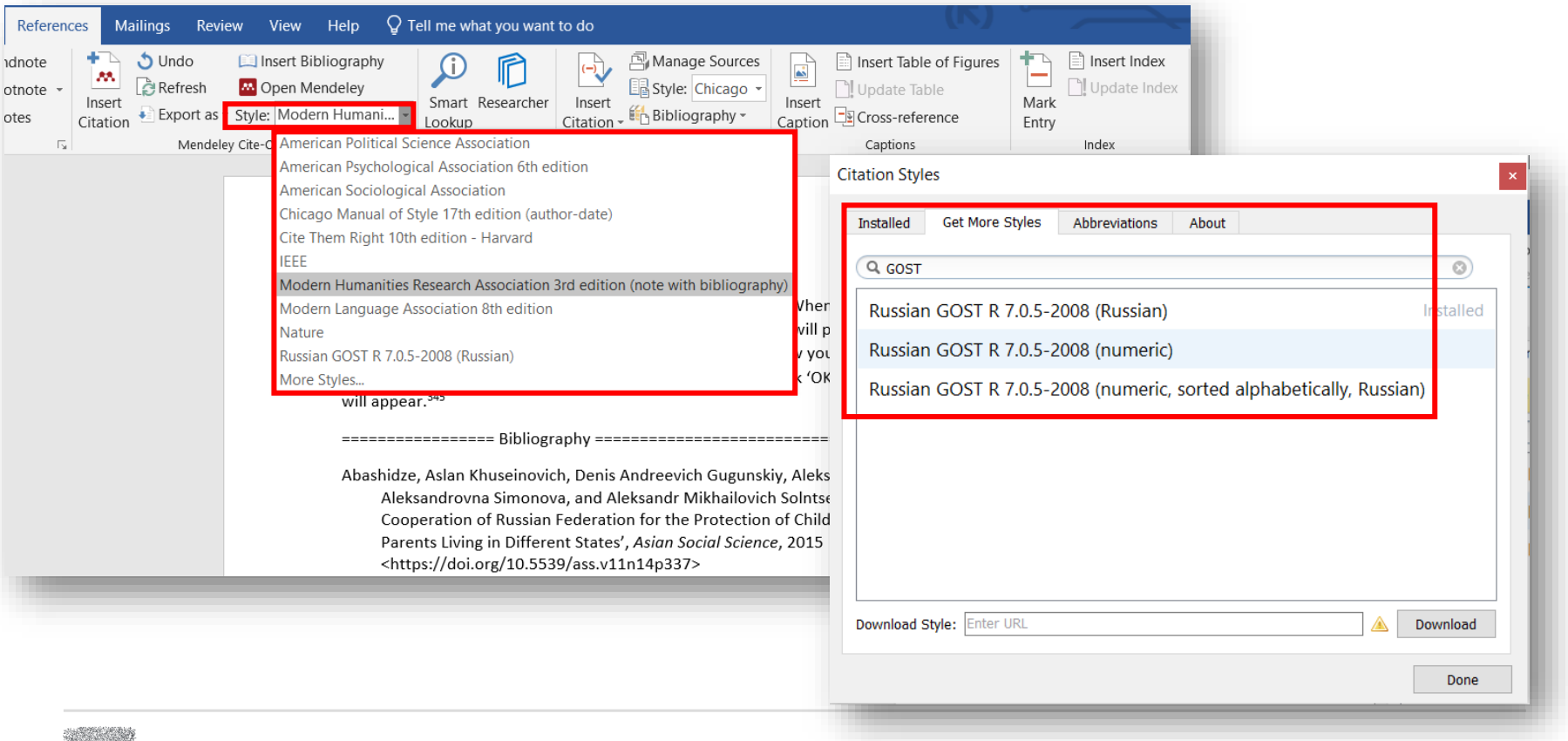
Выбор стиля для ссылок и библиографии



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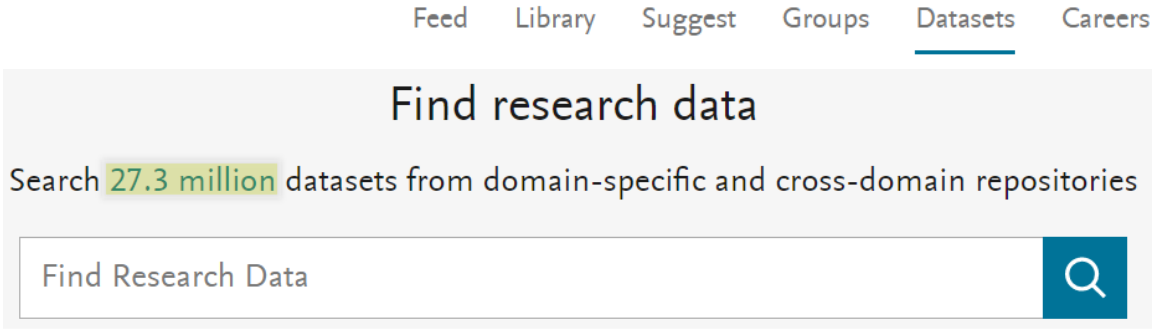
Mendeley Data – банк данных исследователей



Data for: Spatial Prioritization for Urban Biodiversity Quality

Published: 22 Jan 2020 | **Version 1** | **DOI:** 10.17632/twgm3482vt.1

Contributor(s): Joel Jalkanen, Atte Moilanen, Kati Vierikko

Description of this data

Description about the generation of an urban biotope map in Helsinki Metropolitan Area, Finland.

Experiment data files

Supplementary material S1.pdf 628 KB Cite

Associated article

This data is associated with the following publication:

Spatial prioritization for urban Biodiversity Quality using biotope maps and expert opinion

Published in:

Urban Forestry & Urban Greening

DATA TYPES

- [ ] Dataset (7295278)
- [ ] Image (6941710)
- [ ] Tabular Data (6175199)
- [ ] Document (6018003)
- [ ] Other (3003408)
- [ ] Physical Object (1285472)
- [ ] Collection (428315)
- [ ] Software/Code (269568)
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MENDELEY DATA

Источник: https://data.mendeley.com/

Дополнительные ресурсы

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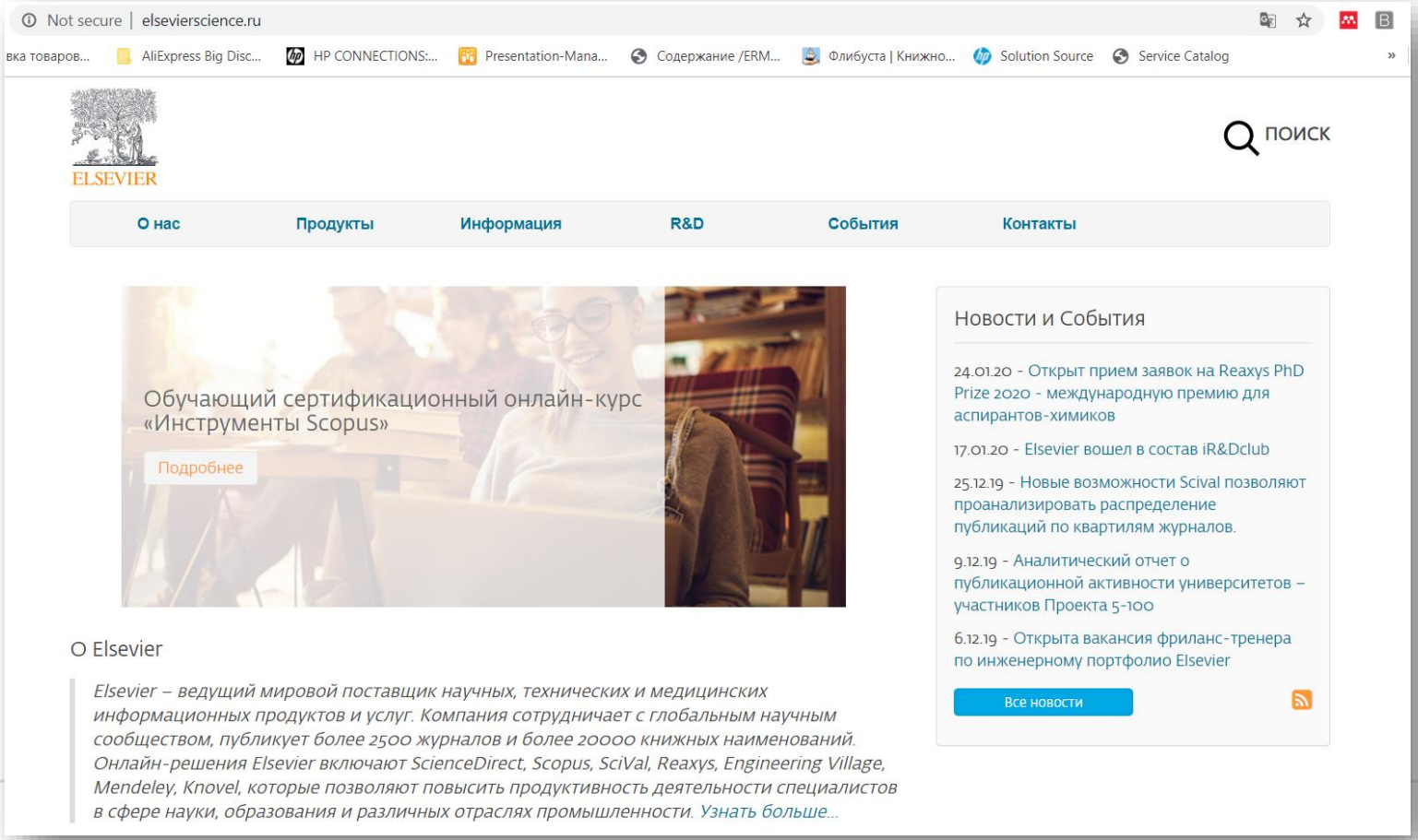
Официальный русскоязычный сайт Elsevier www.elsevierscience.ru



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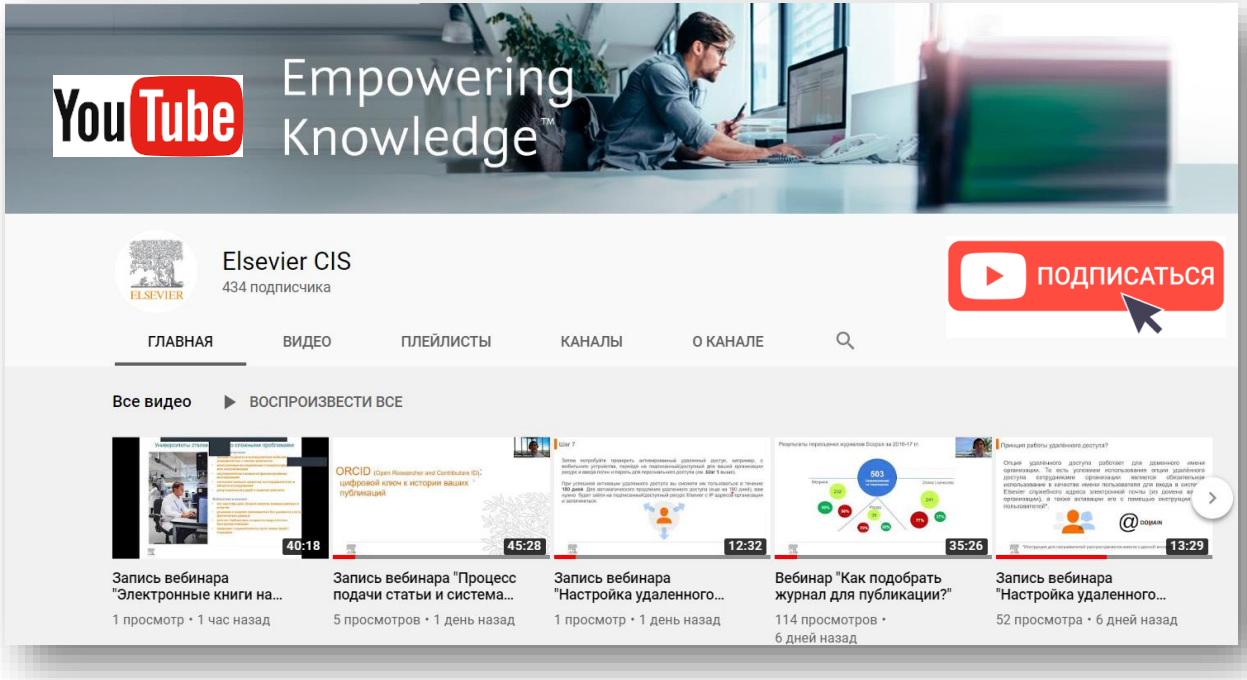

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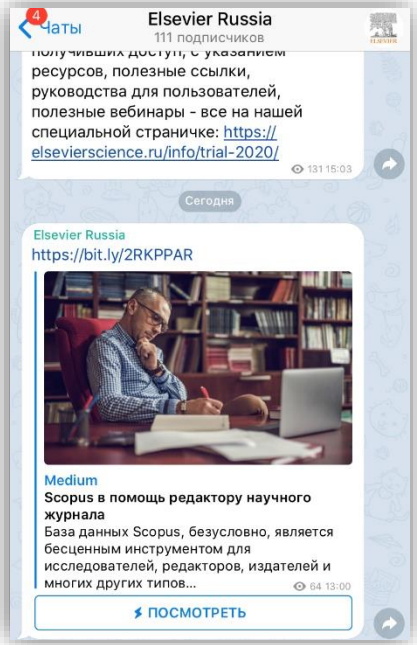

Источник YouTube: https://www.youtube.com/channel/UCLvMridlr-pZV5ekbw62SHQ

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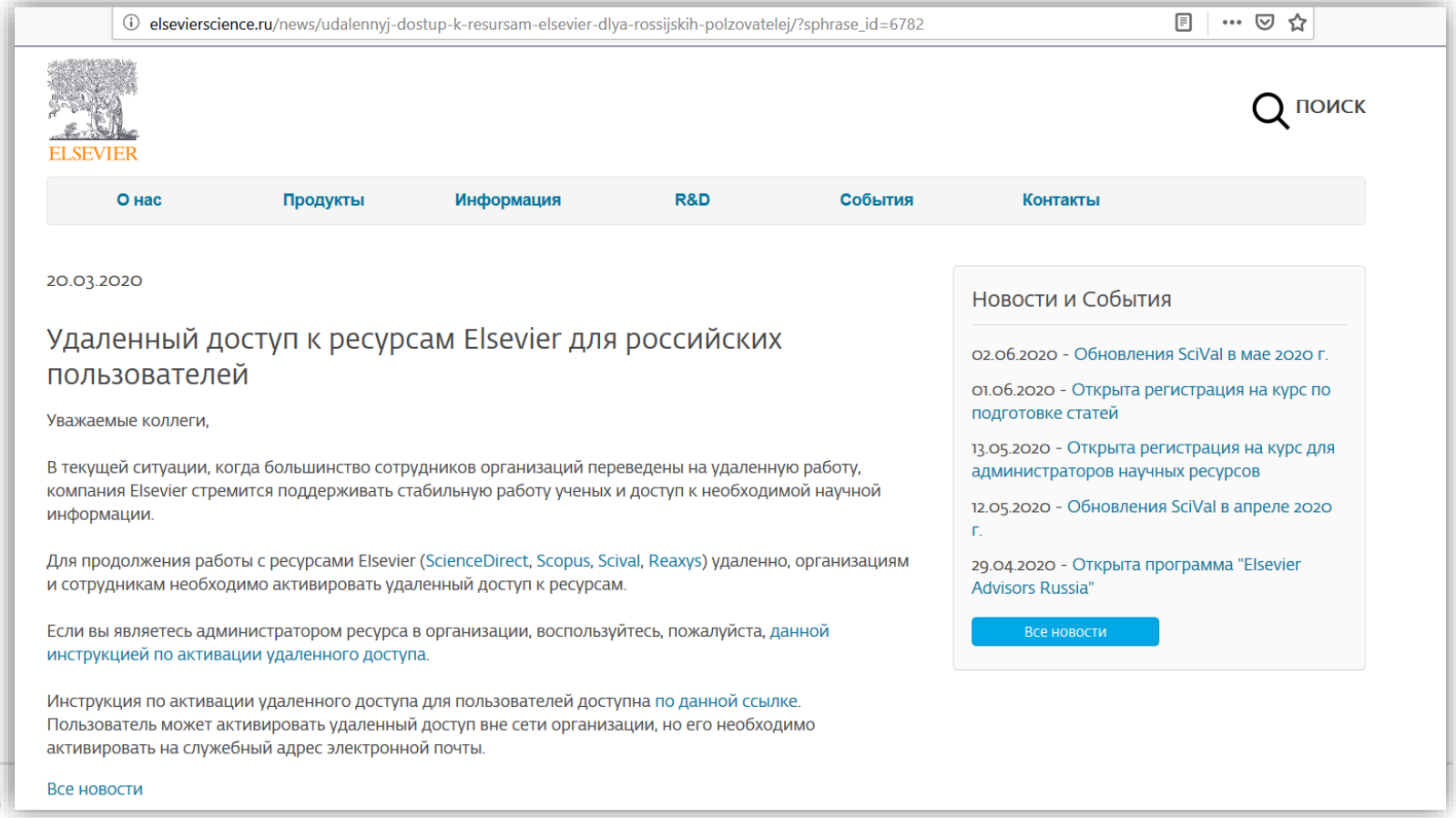

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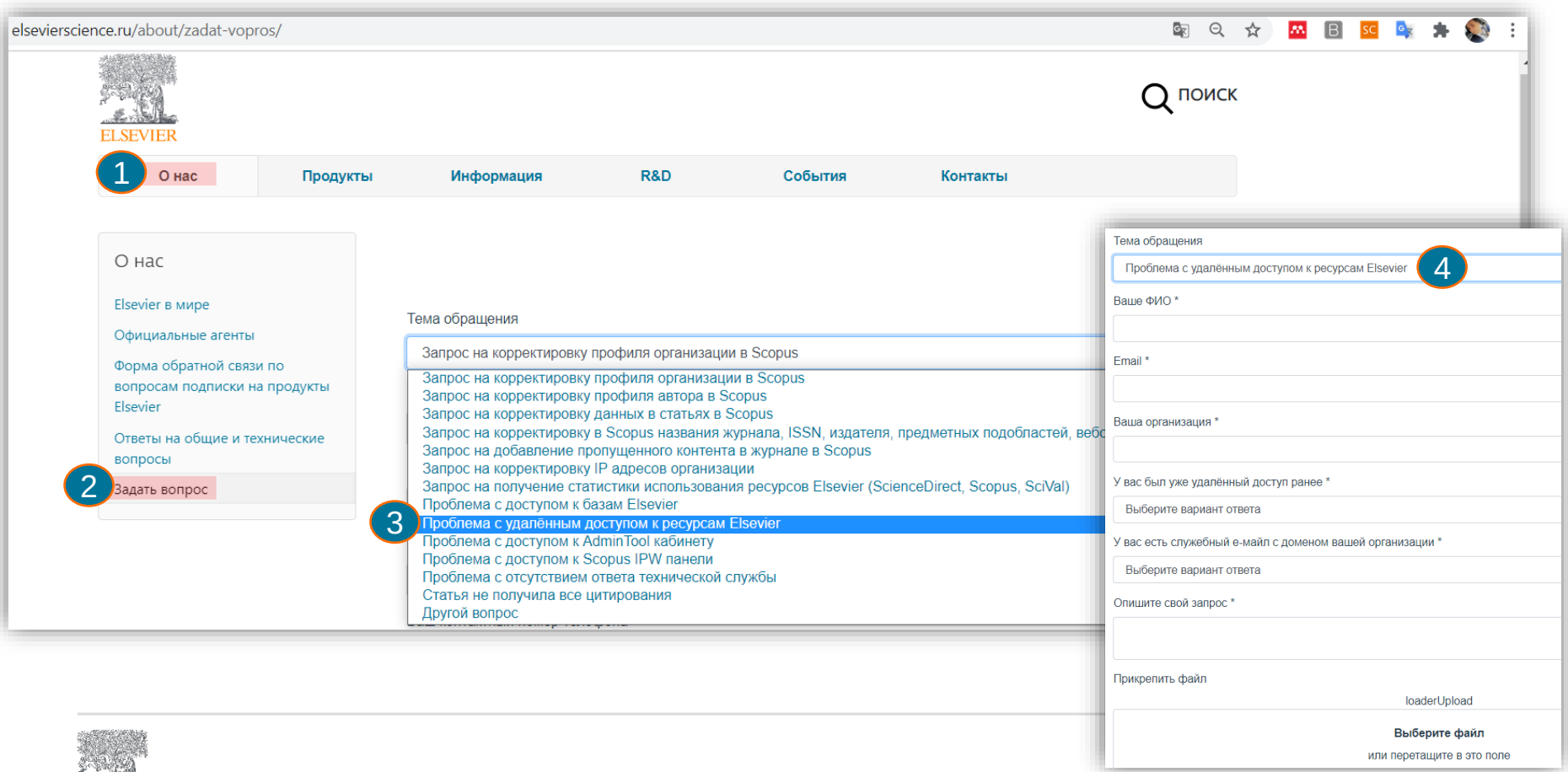

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Ссылка на форму для отправки письма:
https://elsevierscience.ru/about/zadat-vopros/

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Благодарим за внимание!