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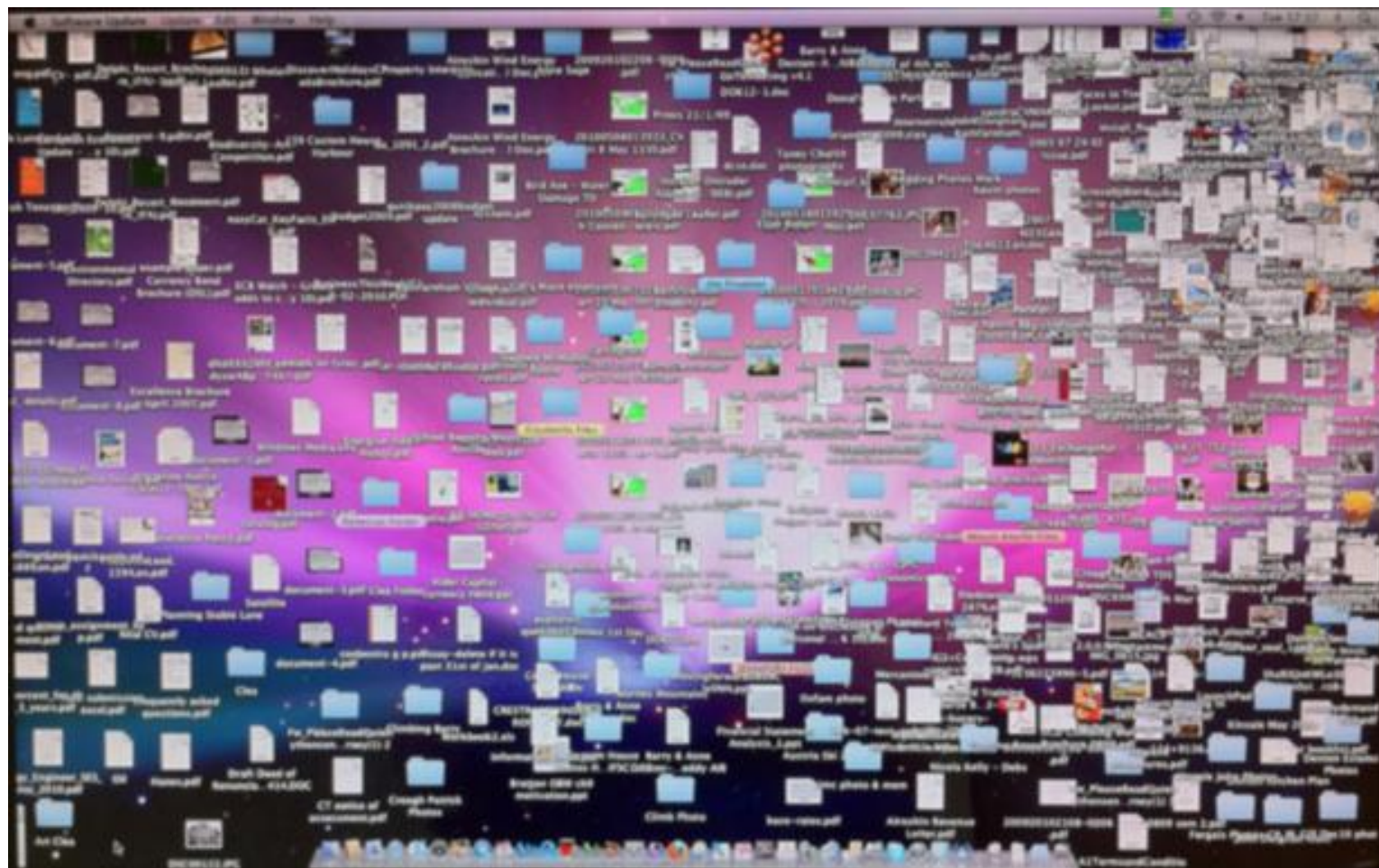


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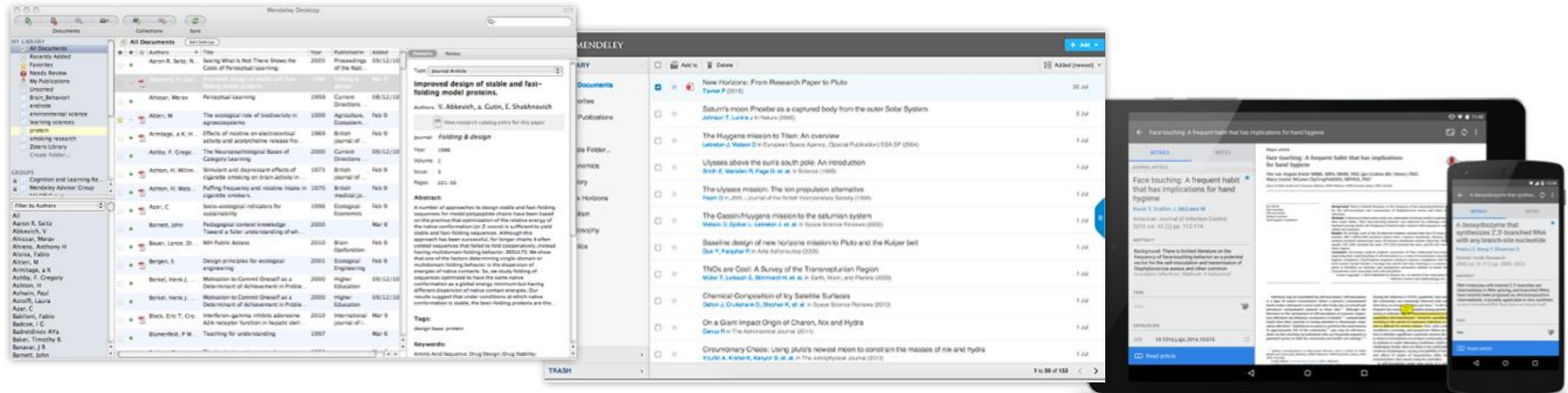


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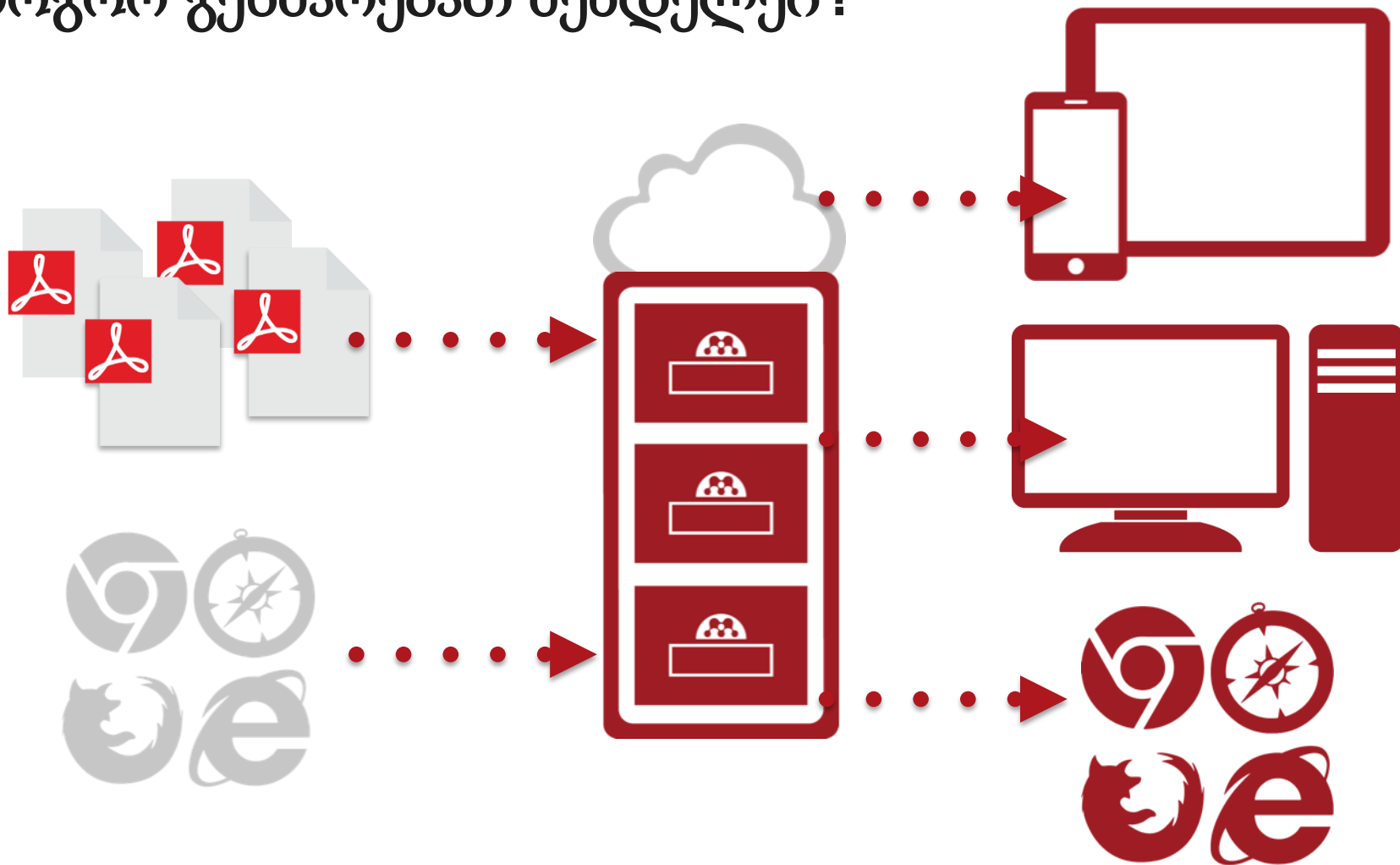


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ვერსია

ონლაინ
ვერსია

მობილურის
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TRASH

New Horizons: From Research Paper to Pluto

Tavner P (2015)

20 Jul

Saturn's moon Phoebe as a captured body from the outer Solar System.

Johnson T, Lunine J in Nature (2005)

2 Jul

The Huygens mission to Titan: An overview

Lebreton J, Matson D in European Space Agency, (Special Publication) ESA SP (2004)

1 Jul

Ulysses above the sun's south pole: An introduction

Smith E, Marsden R, Page D, et. al. in Science (1995)

1 Jul

The ulysses mission: The ion propulsion alternative

Fearn D in JBIS - Journal of the British Interplanetary Society (1996)

1 Jul

The Cassini/Huygens mission to the saturnian system

Matson D, Spilker L, Lebreton J, et. al. in Space Science Reviews (2002)

1 Jul

Baseline design of new horizons mission to Pluto and the Kuiper belt

Guo Y, Farquhar R in Acta Astronautica (2006)

1 Jul

TNOs are Cool: A Survey of the Transneptunian Region

Müller T, Lellouch E, Bönhardt H, et. al. in Earth, Moon, and Planets (2009)

1 Jul

Chemical Composition of Icy Satellite Surfaces

Dalton J, Cruikshank D, Stephan K, et. al. in Space Science Reviews (2010)

1 Jul

On a Giant Impact Origin of Charon, Nix and Hydra

Canup R in The Astronomical Journal (2011)

1 Jul

Circumbinary Chaos: Using pluto's newest moon to constrain the masses of nix and hydra

Youdin A, Kratter K, Kenyon S, et. al. in The Astrophysical Journal (2012)

1 Jul

1 to 50 of 153

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Details

Notes

Report

Edit

New Horizons: From Research Paper to Pluto

Tavner P 2015

NASA's New Horizons mission, part of the New Frontiers Program, is expected to reach its primary target - the dwarf planet Pluto - on July 14 2015. Mendeley was invited to visit NASA during the close approach of Pluto and will be at NASA HQ on the day of the encounter. This report was written to mark the occasion and to share our excitement at being present for the event.

URLS

www.mendeley.com/new-horizons.pdf

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Desktop ვერსია

The screenshot displays the Mendeley Desktop application window. The interface includes a sidebar on the left with navigation options like 'Documents', 'Folders', 'Related', and 'Sync'. Below this is a 'MY LIBRARY' section with a list of documents and a 'Filter by My Tags' dropdown. The main area shows a table of documents with columns for Authors, Title, Year, Published In, and Added. The document 'New Horizons: From Research Paper to Pluto' by P. Tavner is selected. On the right, a detailed view of this document is shown, including its title, authors, year, pages, abstract, and keywords.

Authors	Title	Year	Published In	Added
NASA	DSN Now			Jul 29
Hawking, Stephen	New Horizons	2015	Facebook	Jul 29
Tavner, Paul	New Horizons: From Research Paper to Pluto	2015		Jul 20
Johnson, Torrence V; Lun...	Saturn's moon Phoebe as a captured body from the outer Solar System.	2005	Nature	Jul 2
Lebreton, Jean Pierre; Mat...	The Huygens mission to Titan: An overview	2004	European Space Agency, (Specia...	Jul 1
Smith, Edward J.; Marsde...	Ulysses above the sun's south pole: An introduction	1995	Science	Jul 1
Fearn, D. G.	The ulysses mission: The ion propulsion alternative	1996	JBIS - Journal of the British Interpl...	Jul 1
Matson, Dennis L.; Spiker...	The Cassini/Huygens mission to the saturnian system	2002	Space Science Reviews	Jul 1
Guo, Yanping; Farquhar, R...	Baseline design of new horizons mission to Pluto and the Kuiper belt	2006	Acta Astronautica	Jul 1
Müller, Thomas G.; Lellou...	TNOs are Cool: A Survey of the Transneptunian Region	2009	Earth, Moon, and Planets	Jul 1
Dalton, J. B.; Cruikshank, ...	Chemical Composition of Icy Satellite Surfaces	2010	Space Science Reviews	Jul 1
Canup, Robin M.	On a Giant Impact Origin of Charon, Nix and Hydra	2011	The Astronomical Journal	Jul 1
Youdin, Andrew N.; Kratter...	Circumbinary Chaos: Using pluto's newest moon to constrain the masses of nix and hydra	2012	The Astrophysical Journal	Jul 1
Jones, Brant M.; Kaiser, R...	Application of Reflectron Time-of-Flight Mass Spectroscopy in the Analysis of Astrophysically Relevant Ices Exposed ...	2013	The Journal of Physical Chemis...	Jul 1
Kenyon, Scott J.; Bromley, ...	The Formation of Pluto's Low-Mass Satellites	2014	The Astronomical Journal	Jul 1
Person, M. J.; Dunham, E. ...	The 2011 June 23 Stellar Occultation by Pluto: Airborne and Ground Observations	2013	The Astronomical Journal	Jul 1
NASA	New Horizons - Team			Jul 1
Beede, David; Julian, Tiffa...	Women in STEM: A Gender Gap to Innovation	2011	U.S. Department of Commerce Ec...	Jul 1
Guo, Y.; Farquhar, R. W.	New horizons mission design for the Pluto-Kuiper belt mission	2002	AIAA/AAS Astrodynamics S...	Jul 1
Olkin, C.B.; Young, L.A.; B...	Evidence that Pluto's atmosphere does not collapse from occultations including the 2013 May 04 event	2015	Icarus	Jul 1
Olkin, C. B.; Young, L. A.; ...	Pluto's Atmosphere Does Not Collapse	2013		Jul 1

Details | Notes | Contents | Enrichments

Type: Report

New Horizons: From Research Paper to Pluto

Authors: P. Tavner

[View research catalog entry for this paper](#)

Year: 2015

Pages:

Abstract:

NASA's New Horizons mission, part of the New Frontiers Program, is expected to reach its primary target - the dwarf planet Pluto - on July 14 2015. Mendeley was invited to visit NASA during the close approach of Pluto and will be at NASA HQ on the day of the encounter. This report was written to mark the occasion and to share our excitement at being present for the event.

Tags:

Author Keywords:

City:

Institution:
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URL:
<http://www.mendeley.com/new-horizons.pdf>

Catalog IDs
DOI:

Files:

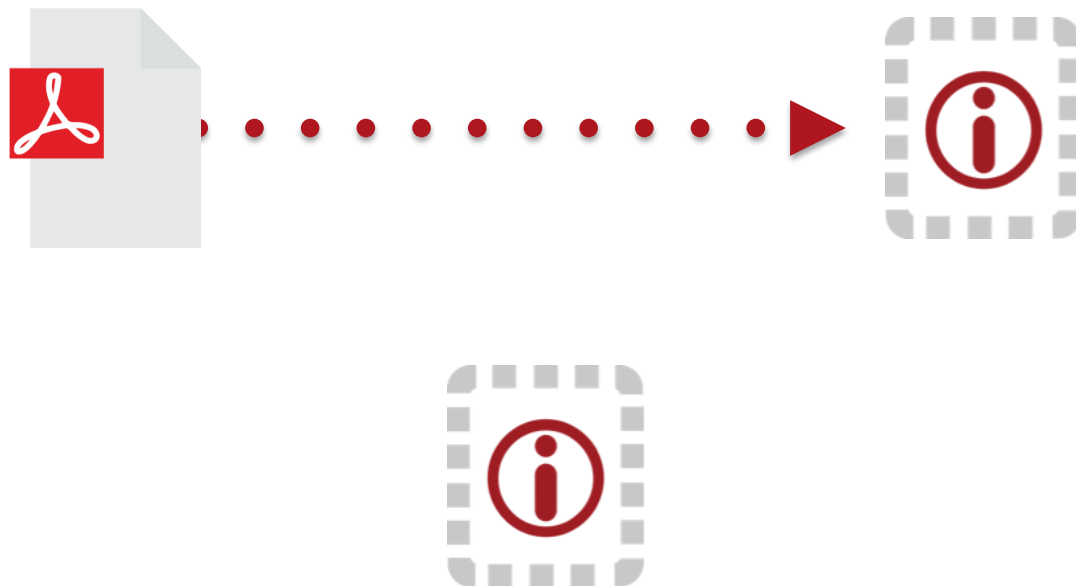
1 of 161 documents selected



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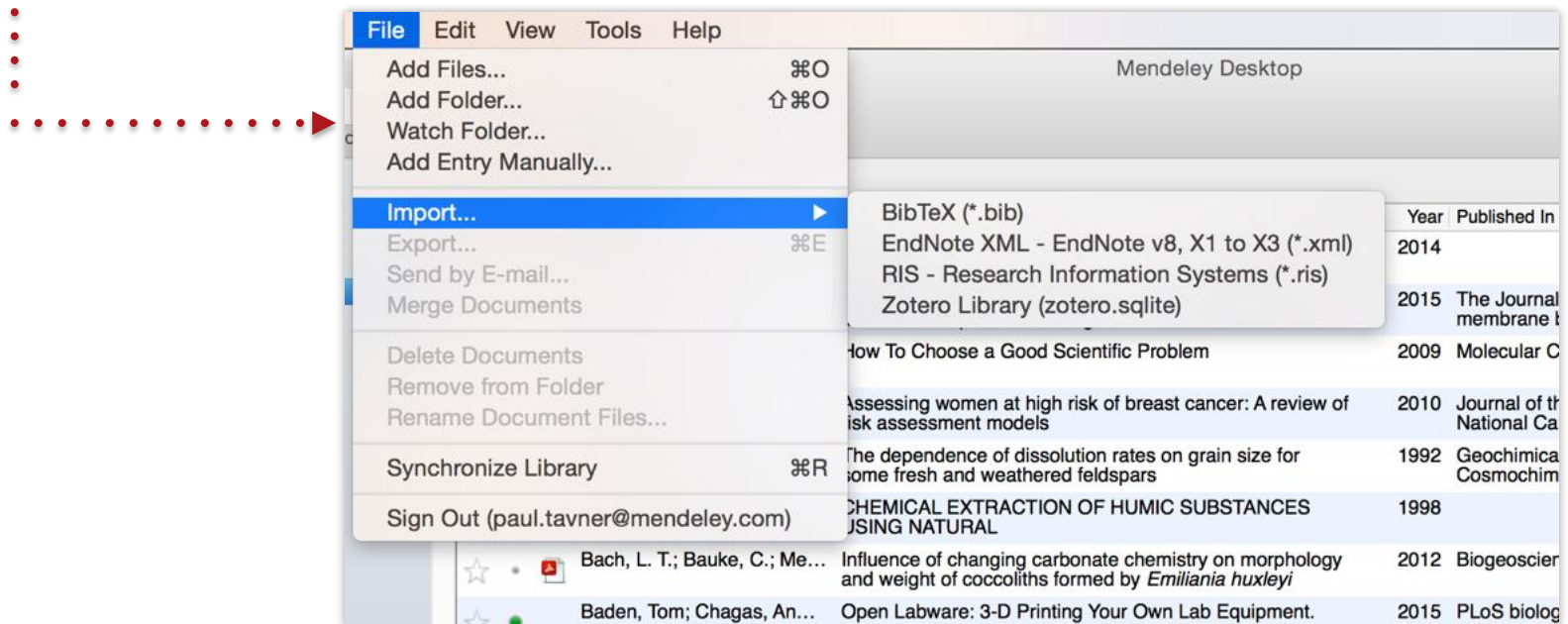


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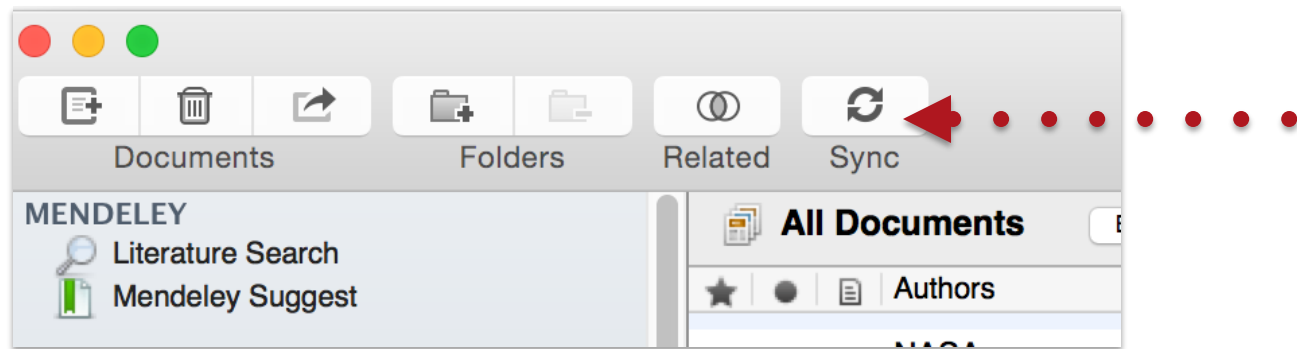




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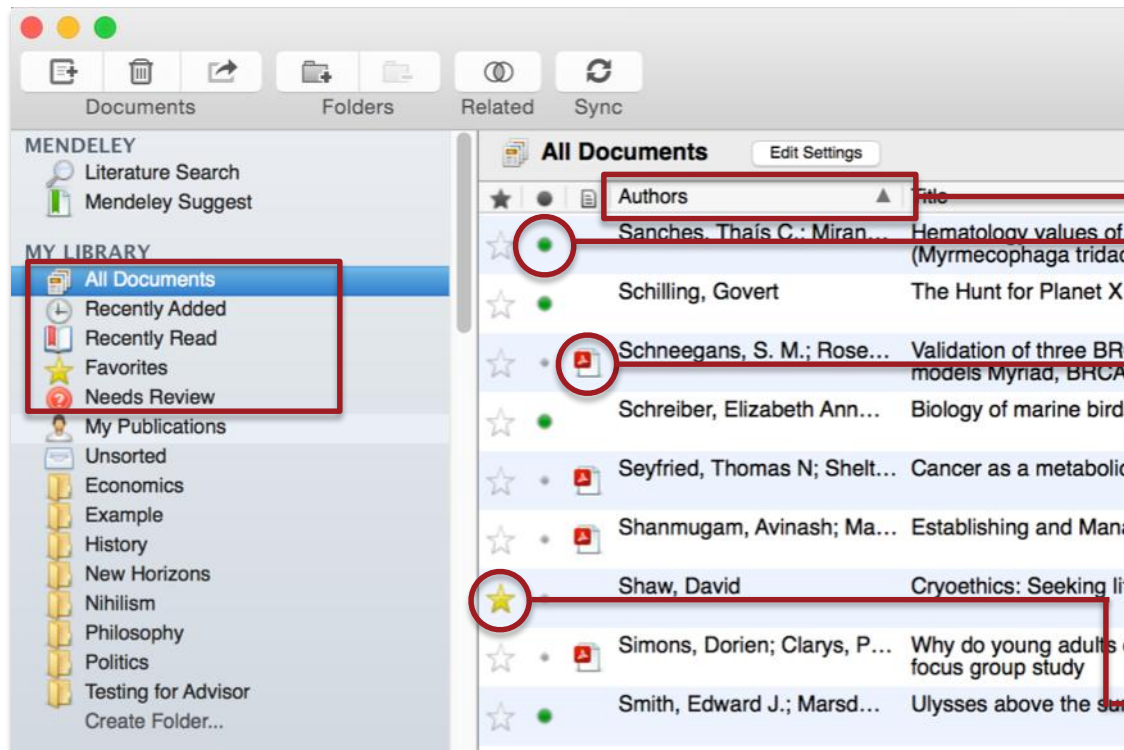
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შესაძლებლობა

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ფოლდერში არ არის

თქვენი საქაღალდეები,
ფაილის დამატება შეგიძლიათ
პირდაპირ ჩაგდებით

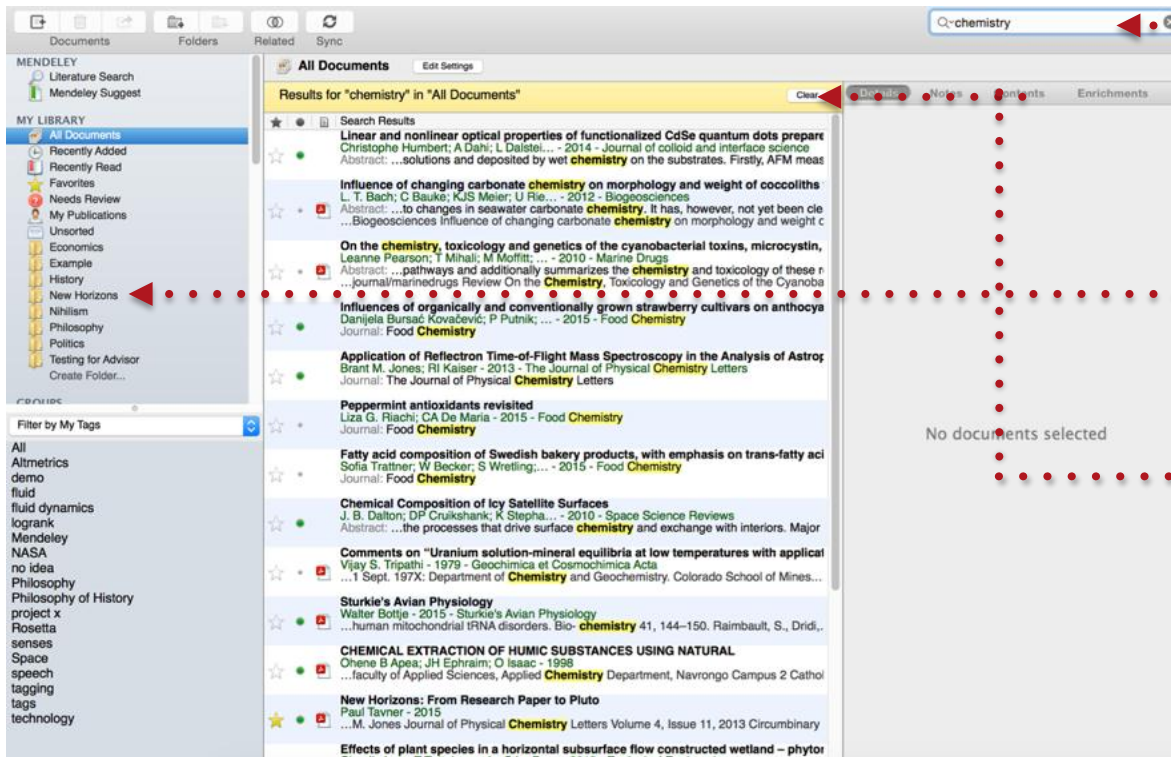
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ბიბლიოგრაფიულ
მონაცემებში
ასევე დოკუმენტების
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Integrative Analysis

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Authors	Title	Confidence
Berger, Michael F; Levin, Joshua Z; Vijay...	Integrative analysis of the melanoma transcriptome	
Berger, Michael F; Levin, Joshua Z; Vijay...	Integrative analysis of the melanoma transcriptome	
Berger, Michael F; Levin, Joshua Z; Vijay...	Integrative analysis of the melanoma transcriptome.	

Details Notes Contents Enrichments

Duplicates have conflicting fields

Unchecked boxes indicate fields where the duplicates conflict. Please review these fields before merging. [More info...](#)

Confirm Merge

Authors: M. Berger, J. Levin, K. Vijayendran et al.

☐ View research catalog entry for this paper

Journal: *Genome Research*

Year: 2010

Volume: 20

Issue: 4

Pages: 413-427

Abstract:
Global studies of transcript structure and abundance in cancer cells enable the systematic discovery of aberrations that contribute to carcinogenesis, including gene fusions, alternative splice isoforms, and somatic mutations. We developed a systematic approach to characterize the spectrum of cancer-associated mRNA alterations through integration of transcriptomic and structural genomic data, and we applied this approach to generate new insights into melanoma biology. Using paired-end massively parallel sequencing of cDNA (RNA-seq) together with analyses of high-resolution chromosomal copy number data, we identified 11 novel melanoma gen...

Tags:

Author Keywords:

Filter by Authors

All
Aburatani, Hiroyuki
Adiconis, Xian
Agrawal, S
Ahmed, Saira
Akiyama, Tetsu
Al-Bakheet, Al-Bandary
Al-Qahtani, Ahmed
Alizadeh, a a
Almeida, Jonas S
Altshuler, David
Alvarez, Carlos E
Amon, Lynn M

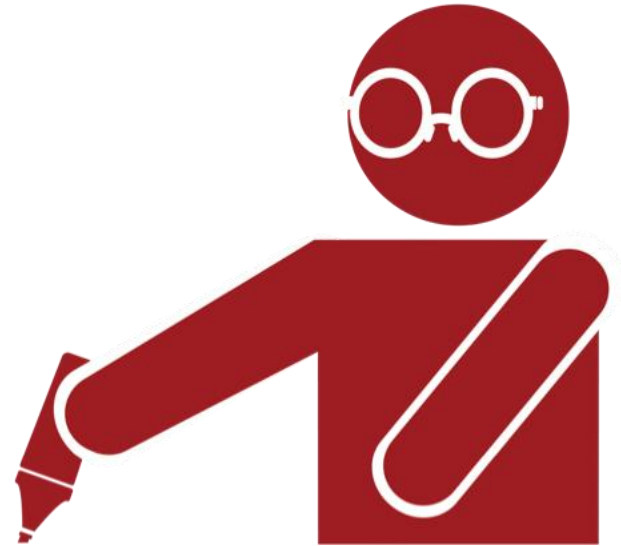
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New Horizons

The New Horizons mission received approval in November 2001⁵. Its objective was to send a spacecraft to Pluto - the only unexplored planet (still recognized as a planet at that time) in the solar system. **Previous missions intended to reach Pluto - including Pluto Fast Flyby and Pluto Kuiper Express - had been cancelled, but after a thorough new profile selection process, NASA committed to launching New Horizons as part of its New Frontiers program.**

Due to the distances involved - New Horizons would have to cover nearly three billion miles to reach its objective. It was designed to have as little mass as possible, but would be launched using the huge Atlas V expendable launch vehicle. This guaranteed the greatest possible velocity for the craft.

When the mission launched on 19 January 2006, the probe left Earth on a solar system escape trajectory of 37,000 mph. It crossed the Moon's orbit just eight hours and thirty-five minutes after lift-off, and reached Jupiter 78 days later. The probe gained a gravity boost from the gas giant Jupiter to accelerate past 51,000 mph, but over eight years to travel to its objective. New Horizons is expected to make its closest approach of Pluto on July 14, 2015⁶.



- 1. Radioisotope Thermoelectric Generator (RTG)**
Provides electrical power produced of plutonium-238 fuel.
- 2. Alice**
A sensitive ultraviolet imaging spectrometer used to study atmospheric composition and structure.
- 3. Ralph**
Imaging apparatus used to photograph and map surface details during the encounter.
- 4. Venetia Burney Student Dust Counter (SDC)**
Designed by students at the University of Colorado at Boulder. Measures concentration of dust particles.
- 5. Long Range Reconnaissance Imager (LORRI)**
Camera and telescope apparatus used to take photos of target at longer ranges.
- 6. Solar Wind Around Pluto (SWAP)**
Instrument used to measure solar wind activity in the vicinity of Pluto. Also measures atmospheric escape.
- 7. Pluto Energetic Particle Spectrometer Science Investigation (PEPSSI)**
Directional energetic particle spectrometer. Used to study energetic particles in Pluto's atmosphere.
- 8. Radio Science Experiment (REX)**
Performs radio science experiments on Pluto's

Phoning Home
Communicating with a probe three billion miles from Earth poses a number of challenges for the New Horizons team. Luckily, they can rely on NASA's Deep Space Network

Annotations:

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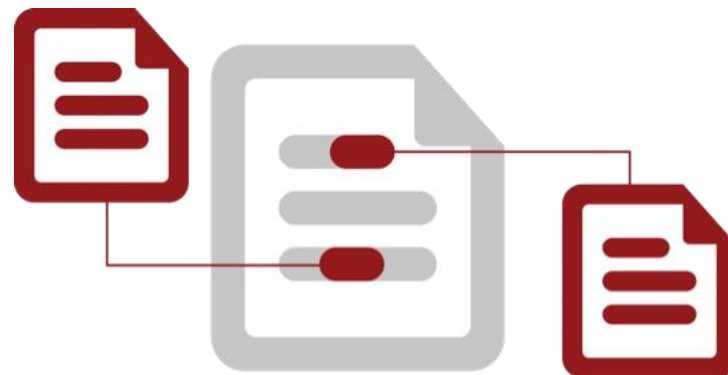
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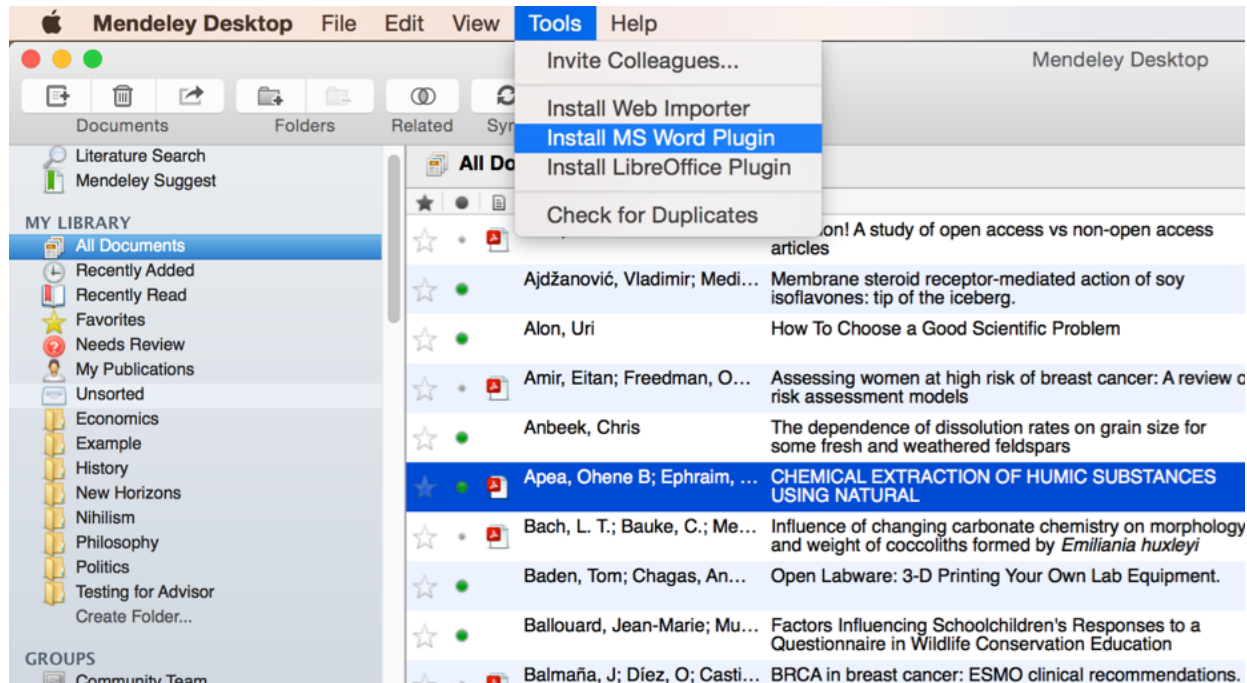




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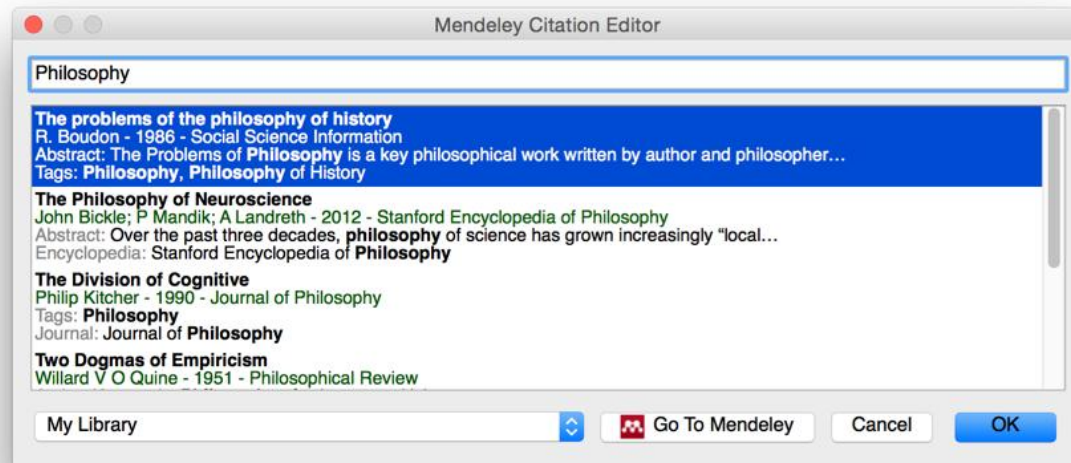
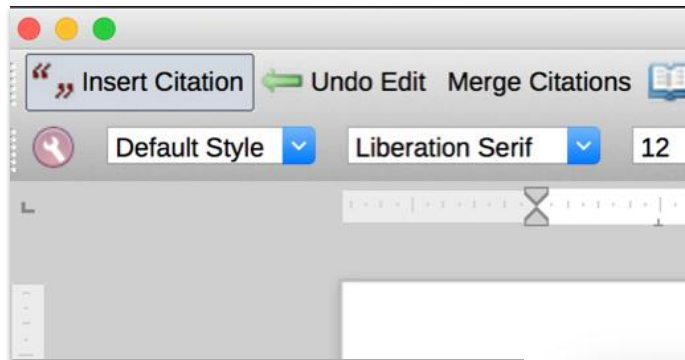
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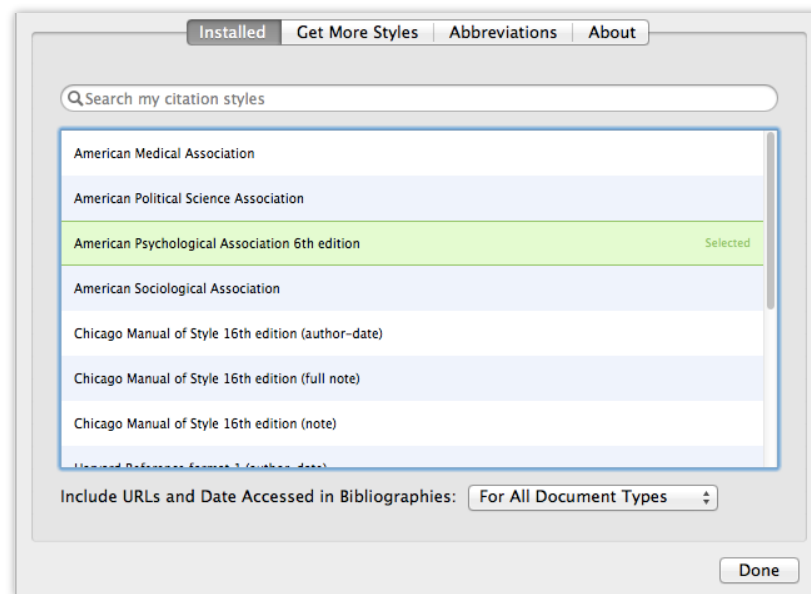
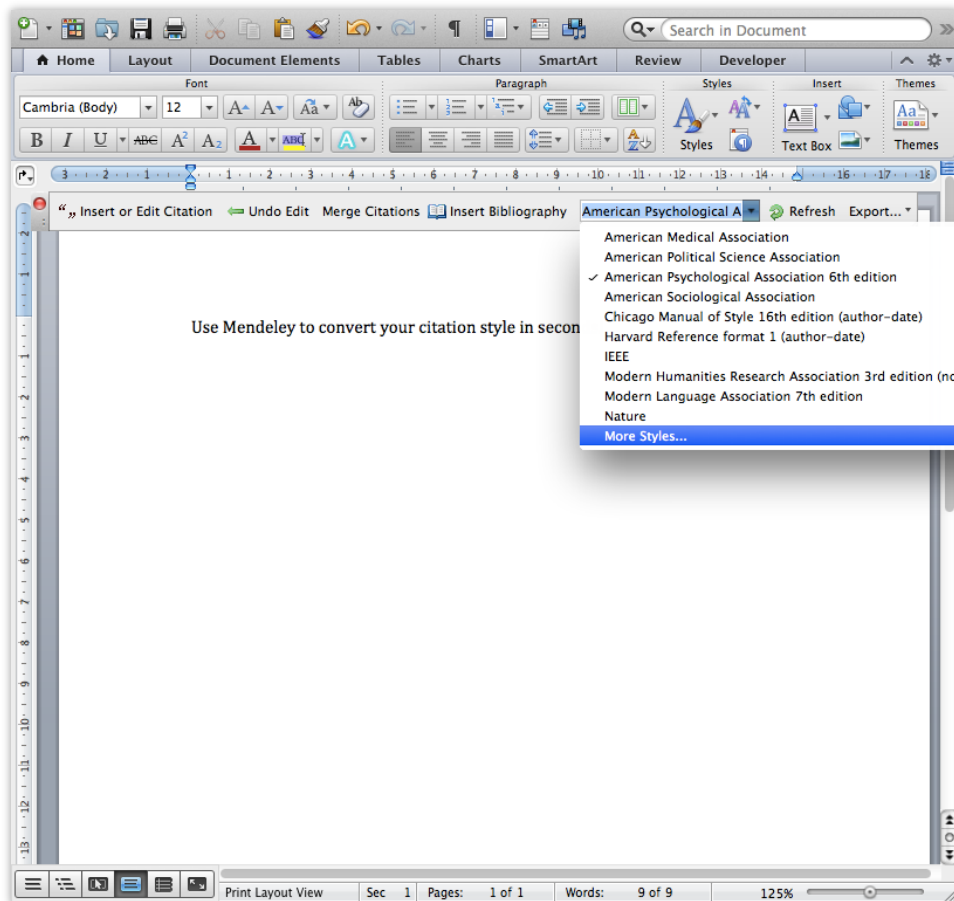
- Bach, L. T. et al. 2012. "Influence of Changing Carbonate Chemistry on Morphology and Weight of Coccoliths Formed by *Emiliania Huxleyi*." *Biogeosciences* 9(8): 3449–63.
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<http://www.ncbi.nlm.nih.gov/pubmed/24667779> (October 16, 2014).
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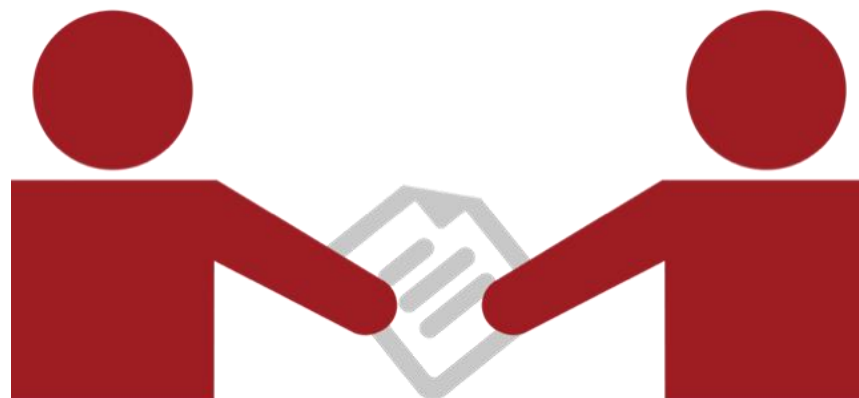




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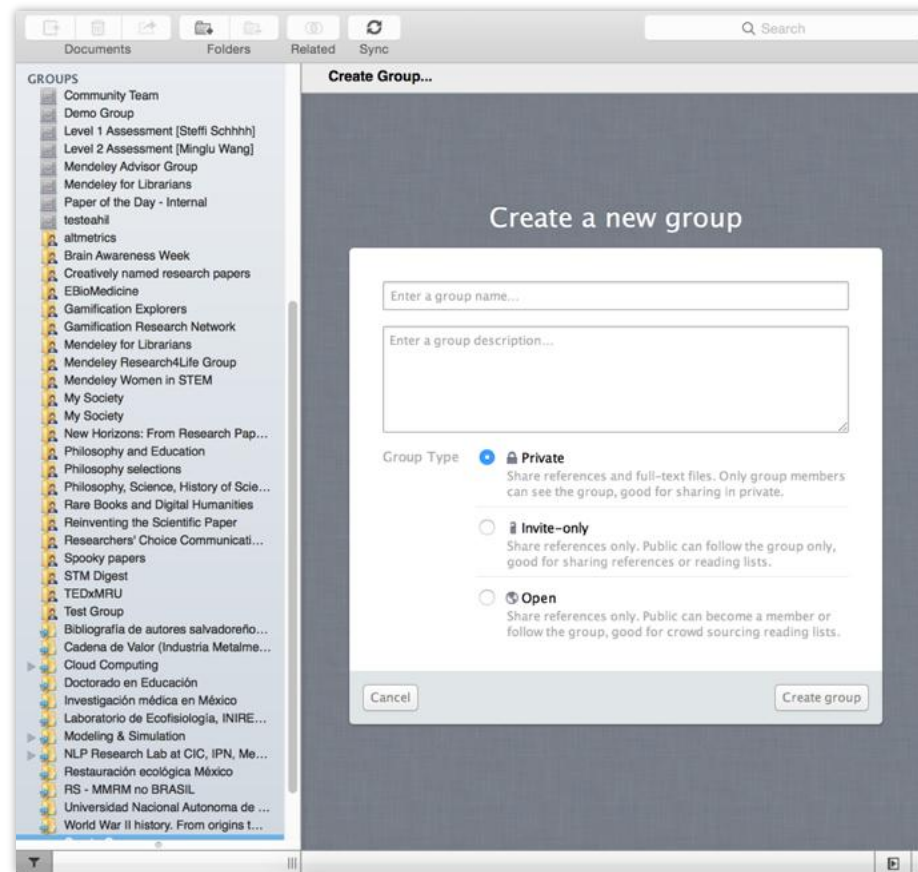
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ან გაწვრიანდეთ
მასში.

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შესაძლებელია
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Message from ISCB

Establishing and Managing a Global Student Network

Avinash Shanmugam^{1*}, Geoff Macintyre²

¹ Department of Computational Medicine and Bioinformatics, University of Michigan, Ann Arbor, Michigan, United States of America, ² The Centre for Neural Engineering, University of Melbourne, Parkville, Victoria, Australia

Overview

The Regional Student Groups (RSG) program is a network of student groups affiliated with the International Society of Computational Biology Student Council. While each RSG is encouraged to act independently and address the local needs of its regional student membership, a significant amount of effort is also invested in coordinating affiliation of these groups with the international student body, which provides long-term direction and facilitates communication between groups. Participating in a global student network provides students with an opportunity to network and connect with others around the globe. By sharing experiences within the network, students gain cultural insights and awareness of regional differences in scientific research and industry. In this article, we provide an overview of the tasks involved in setting-up and managing this global student network for bioinformatics. We also highlight the benefits a global student network offers, in the hope that other fields can use this to create their own global student network.

Abstract:

the RSG chair to oversee the operation of RSGs in Europe, Asia, and Africa. Together this committee ensures that each RSG is functioning well, facilitates communication between RSGs, and manages all RSG registrations and renewals. The vice-chairs touch base regularly with RSGs, and together the RSG committee develops strategies and initiatives to support RSGs.

Tags:

Author Keywords:

Date Accessed: 2014-10-31

Month: October

URL: <http://www.ncbi.nlm.nih.gov/pubmed/25356597>

Catalog IDs

ArXiv ID:

DOI: 10.1371/journal.pcbi.1003920

ISSN: 1553-7358

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Biological Sciences
In this discipline: 3,009,752 papers · 18,547 groups

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Discipline summary

Biology is the study of life. It attempts to understand the structure, function, processes and evolution of living organisms and how they relate to their environment. Modern biology covers a wide variety of fields and is highly interdisciplinary, drawing on advances in areas such as computer science, mathematics, psychology. Because biology is such a broad subject, it is subdivided according to the ...

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Sub-disciplines

A Agricultural Science	I Ichthyology
Algology	Immunology
Animal Behavior	L Limnology
Animal Physiology	M Marine Biology
B Biochemistry	Microbiology
Biometry	Microscopy
Biophysics	Molecular Biology
Biotechnology	Mycology
Botany	N Neurobiology
Bioinformatics	O Ornithology
C Cellular Biology	P Parasitology
E Embryology	Plant Sciences
Entomology	S Soil Sciences
F Food Science and Technology	V Veterinary Science
Forestry Science	Virology
G Genetics	Z Zoology and Animal Science
H Hydrobiology	

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უბრალოდ
საინტერესო
ადამიანები

David Neal Professor
SVP Global Research (Academic)
Elsevier

Location: Cambridge, United Kingdom
Discipline: Medicine
Interests: Urology, Surgical Oncology, Prostate Cancer, Androgen Receptor Signalling and Prostate Cancer Genomics

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About

I am a urological surgeon and translational researcher by training and background and spent over 11 years at the University of Cambridge developing the clinical urological services there and forming a new translational research group.

Publications

All (471)

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EMBO Rep (2007)

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