



Esploro Research Information Management Solution

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Agenda

- Introduction to Esploro
- Solution Integrations
- Live Demonstration
- Q&A



Esploro Research Information Management Solution



Expert
Finder



University
Prestige & Ranking



Data for
Activity Reporting



National
Assessment



Industry
Partnerships



Open Access
Repository



Research Portal
SEO-Friendly



Researcher
Profiles



Funding
Opportunities



Research
Analytics



APIs &
Data Exports

Research Information Hub

(Publications, Datasets, Activities, Awarded Grants, Projects, etc.)

Smart Harvesting AI

(Ex Libris Central Index, National Repositories, Disciplinary Repositories)

Direct & Mediated Deposits

(Libraries, Researchers, Assistants)

Research Hub Administrative Interface

Users ▾ All ▾

04/17/2023

Analytics Objects List > Design Analytics > Manage Staff and Users

Tasks

- 22 Purchase Requests
- 51 DARA Recommendations
- 6 Electronic Resources
- 26 Deposits
- 2 Files Closed Pending Review
- 46 Research Deposits
- 4139 Smart Harvesting – Author Matching
- 19 Researcher Author Matching Approvals
- 2 Researcher Profiles to activate
- 19 Research Assets
- 1 Smart Expansion via CSV/Excel File – Asset Approval
- 152 Smart Expansion via Citation Lists – Asset Approval
- 42 Trials
- 1 Student Deposits
- 194 Reading Lists
- 1145 Citations
- 2 Rialto

Notifications

- 2018 We hope you enjoy your Alma experience 04/05/2018
- 2018 Go to Discoveralma.co 04/05/2018
- 2018 See and learn more ab...

Number of Assets by Asset Category, Asset Type

Asset Category	Asset Type	Number of Assets
Conference/Event	Conference paper	43
	Conference poster	9
	Conference presentation	70
	Poster	8
	Presentation	20
Creative Work	Film	15
Dataset	Dataset	22
ETD	ETD-Doctoral	9
Interactive Resource	Podcast	10
More	Other	40
Patent	Patent	20
Publication	Book	347
	Book chapter	714
	Conference proceeding	415
	Editorial	8
	Encyclopedia entry	18
	Journal article	7,523

Asset Category

- Conference/Event
- Creative Work
- Dataset
- ETD
- Interactive Resource
- More
- Patent
- Publication

Discovery Portal

ExLibris Esploro | Menu ▾ | 🔍 | New search ▾ | Research units ▾ | FAQ ▾ | ⋮ | Discover Funding | + ADD CONTENT ▾ | 🌐 EN ▾ |  ▾

Search the repository

Outputs ▾

All ▾



What is the portal?

My Esploro repository preserves and provides access to the research and creative output of the institution's faculty, students and staff.

[Open Access](#) | [ETDs](#) | [Faculty Output](#)

[Output](#) | [Researcher Profiles](#) | [Research Units](#) | [Research Collections](#) | [Research Resources](#) | [Research Projects](#)



Researcher Profiles

Lookup Researchers Researchers All

Page 1 of 5 results



Michael D Abramoff

Professor, Electrical and Computer Engineering; Professor, Ophthalmology and Visual Sciences; Professor, Biology Department



Nikhil Akki

Assistant Professor, Social Sciences
Continuing and Community Education / Economics of Education / Education Systems / Inorganic green chemistry



Nilceu P. Cardozo

Accounting Theory and Standards / International Accounting / Taxation Accounting / Biology



Anne Daniel

Associate Professor, Biology Department



Julie Saunders

Professor, Biology Department
Viral infections / Molecular Virology / Virology / Microbiology / Covid-19 / Viral Infection / Phytopathology / Biochemistry and cell biology

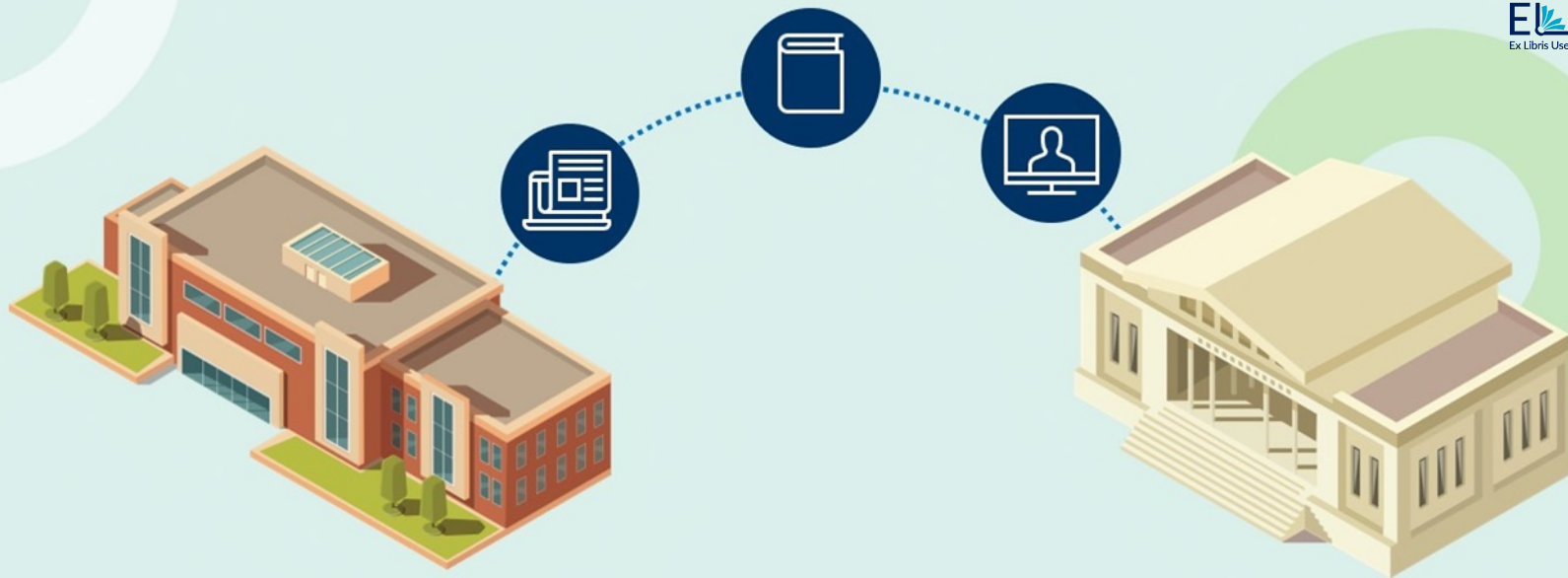
The image shows a detailed view of Julie Saunders' researcher profile. The profile is organized into several sections: **Expertise**, **Global ID**, **Links**, **Honors**, and **Output**.
Expertise: Julie Saunders is an American biology professor, scientist, and a science advisor. She received her BA in biology (magna cum laude) from the University of California San Diego in 1978 and her Ph.D in genetics from Indiana University in 1982. Her primary research is on virus replication and symptom expression using the model virus, Turnip crinkle virus. She is a professor at the Exploro University in the Department of Cell Biology and Molecular Genetics, heads the Virology Program at UMD, and is a senior editor of *Journal of Virology*.
Global ID: ID 0000-0002-0508-0682, Pivot ID 8c4s09jxd460vc, E-6514-2011.
Links: @JulieSaunders, ResearchGate (My profile on ResearchGate).
Honors: Elizabeth W. Joy Genetics Society, Carlos J. Finlay United Nations.
Output: A list of 23 publications is shown, including a journal article titled "Neutralizing antibody vaccine for pandemic and pre-emergent coronaviruses" published in Nature (London) in 2021, and another titled "Detection of Viral Infections by Innate Immunity" published in Biochemical pharmacology in 2021. A red dashed line connects the profile picture in the main list to the detailed profile view.

Manage Researcher Profiles and Assets in One Place

“Previously we had 2 different systems, we managed the profiles of the professors from one side, and the assets from the other side, and we wanted to integrate these two features to one product”.



Laura Ballestra, Chief Librarian
Mario Rostoni Library, LIUC



Esploro Integrations

Ex Libris + Clarivate Integrations


ExLibris
Alma

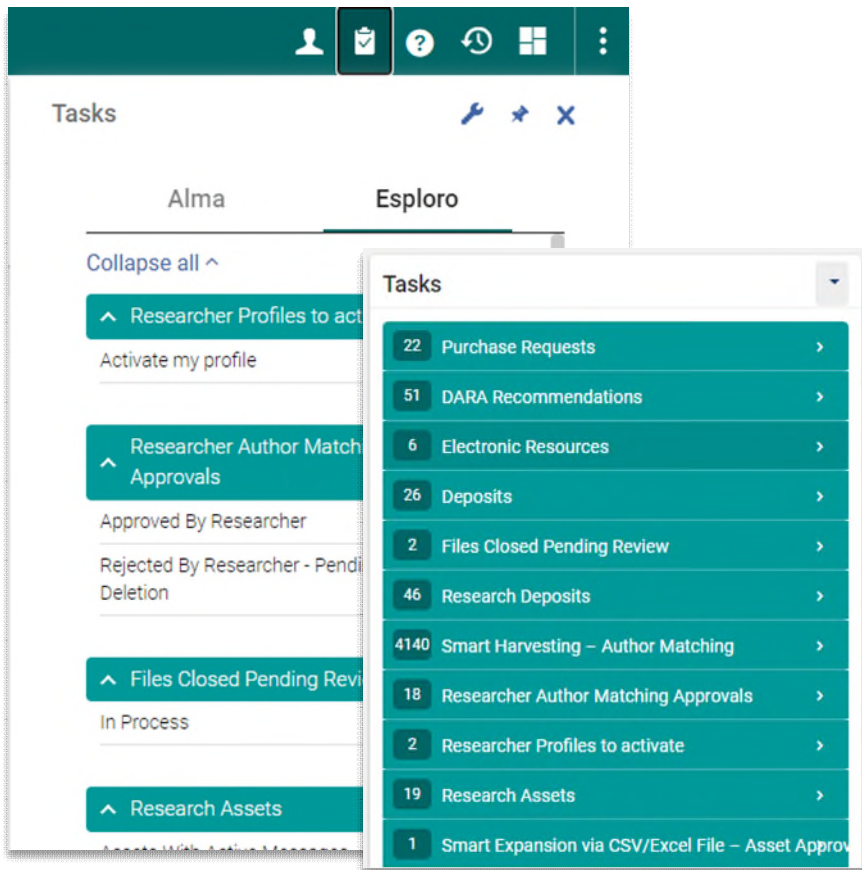

ExLibris
Primo


ExLibris
Pivot-RP

 Clarivate
Web of Science™

 Clarivate™
InCites

Esploro + Alma



- Existing
 - Parallel administrative user interface
 - Shared tasks lists
 - Adding/updating researchers from the Alma user integration profile
- Roadmap
 - Create Esploro records from Alma bibliographic records

Esploro + Primo

Publishing Profiles

Institution

1 - 1 of 1

[+ Add Profile](#) [Share](#) [Settings](#)

▼ Publishing Profile Type: **Research General Profiles** ▼

Active	Name	Description	Modification Date
<input type="checkbox"/>	Publish Research Assets to Primo	Publish all non-suppressed research assets to Primo	-

Profile Details

Profile Name *

Profile Description

Publishing Parameters

Status Active Inactive

Scheduling **Not scheduled** [Edit Scheduling](#)

[Email Notifications](#)

Content

Set name *

Output format **Esploro for Primo**

Publishing Protocol

FTP

FTP configuration *

Sub-directory

0 selected PAGE 1 ▼

[Tweak your results](#)

Sort by **Relevance** ▼

Availability ▲

- Available online
- Open Access
- Peer-reviewed Journals

Resource Type ▼

Subject ▼

Creation Date ▼

Author/Creator ▼

Language ▼

1 **PATENT**
Therapeutic Uses of Glutathione Mimics
Elizabeth R Gaillard - University of Esploro; James P Dillon - Northern Illinois University; [Sara Elizabeth Branch](#) (Contributor)
- University of Esploro, Department of Psychology
26/06/2007 - 27/06/2028
[May Be Available](#) >

2 **CONFERENCE POSTER**
To advise or not to advise: Exploring the association between attachment styles and evaluations of advice from a romantic partner
[Sara Elizabeth Branch](#) - University of Esploro, Department of Psychology
OPEN ACCESS
[May Be Available](#) >

3 **ARTICLE**
Late Mesozoic and Cenozoic sediment flux to the central North Atlantic Ocean
[Sara Elizabeth Branch](#) - University of Esploro, Department of Psychology
1986; North Atlantic Palaeoceanography, Geological Society Special Publication
OPEN ACCESS
[May Be Available](#) >

Esploro + Pivot-RP

Search Results for: Social and Personality Psych

Your Search: (("social psychology" OR "personality psychology") AND (citizenship:(United States OR Unrestricted OR Unspecified) OR citizenship_child:(United States)) AND host_location:(United States OR Unrestricted) AND (funder_location:(United States)) AND award_type:(research)) NOT (applicant_type:(indiv_graduate OR indiv_undergrad))

« less

[Advanced Search](#) [Save Search](#) [Refine Search](#)

[Link to this list](#) View as Search Calendar View -

Social and Personality Psych Display

Created by: Sara Bran

<input type="checkbox"/>	14 Opportu	Sort -	Deadline	Amount
<input type="checkbox"/>	Kenneth B. a American Psychological Foundation (APF) American Psychological Association (APA)		15 Jun 2023 Application Confirmed	\$9,000 USD
<input type="checkbox"/>	Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Wellbeing, Illness, and Recovery (R01 Clinical Trials Not Allowed) National Institutes of Health (NIH) United States Department of Health and Human Services (HHS)		21 Jun 2023 Application Confirmed	see record
<input type="checkbox"/>	Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Wellbeing, Illness, and Recovery (R01 Clinical Trial Required) National Institutes of Health (NIH) United States Department of Health and Human Services (HHS)		21 Jun 2023 Application Confirmed	see record

Link to this list:

https://pivot.proquest.com/curated_opps/9641

Esploro + Pivot-RP

< Organization Academic Unit Details

Cancel

Save

Research area/s

Research topics

Look-up or select

Additional subjects

Funding area/s

Pivot Embedded
search

<iframe width='560' height='800' src='https://pivot.proquest.com/embedded/1dbf11c8dd1b484c98e2f2f1552f7976' frameborder='0' title='Funding'>



Identifiers

+ Add Identifier



No records were found.

Funding Opportunities

These funding opportunities are part of a curated search created by your Pivot-RP administrator.

You can also visit your [Pivot-RP profile](#) to set up custom funding searches, view more recommended funding and configure weekly email alerts.

Department of Psychology - Funding from Pivot-RP

Powered by Pivot and Research Professional

Social and Personality Psychology (Esploro)

[view more details in Pivot-RP](#)

Australia: Fulbright Distinguished Chair in Cyber Information Influence (The University of Adelaide)

Fulbright Scholar Program

Council for International Exchange of Scholars (CIES)

Institute of International Education (IIE)

Amount \$26,748 AUD to \$53,496 AUD

▾ Details

Esploro + Web of Science

- Display Total Times Cited from Web of Science on Esploro records

The screenshot displays the 'Metrics' section of an Esploro record. On the left, a vertical navigation menu includes 'Metrics', 'Abstract', 'Files and links', 'Related content', and 'Details'. The main content area is titled 'Metrics' and features a large circular icon with the number '2700'. Below this icon is a link that says 'See more details'. To the right of the icon, a list of metrics is shown with colored squares next to each item:

- Picked up by 139 news outlets
- Blogged by 14
- Tweeted by 3720
- Referenced in 1 patents
- On 2 Facebook pages
- Referenced in 1 Wikipedia pages
- Reddited by 6
- 234 readers on Mendeley

At the top right of the metrics area, there is a red-bordered box containing the text '108 Times Cited - Web of Science' next to a speech bubble icon. Above this box, the text '31 Record Views' is displayed next to an eye icon.

Esploro + InCites Benchmarking & Analytics

- Count of publications per organizational unit, per researcher:

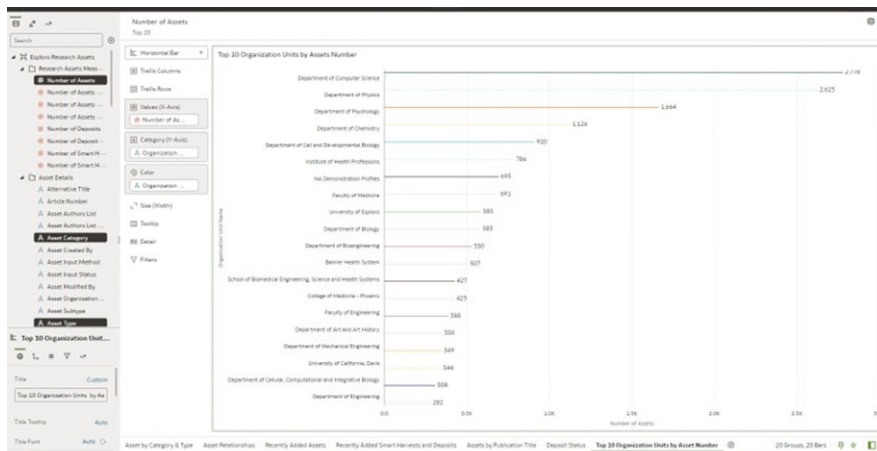
- # hot papers
- # institutional collaborations
- # international collaborations
- # industry collaborations
- # open access papers

- Enrich the collaboration analysis:

- # institutional collaborations
- # international collaborations
- # industry collaborations

- Enrich the journal and asset impact analysis:

- Citations
- CNCI
- JNCI



3rd Party Integrations



- Custom integration services available

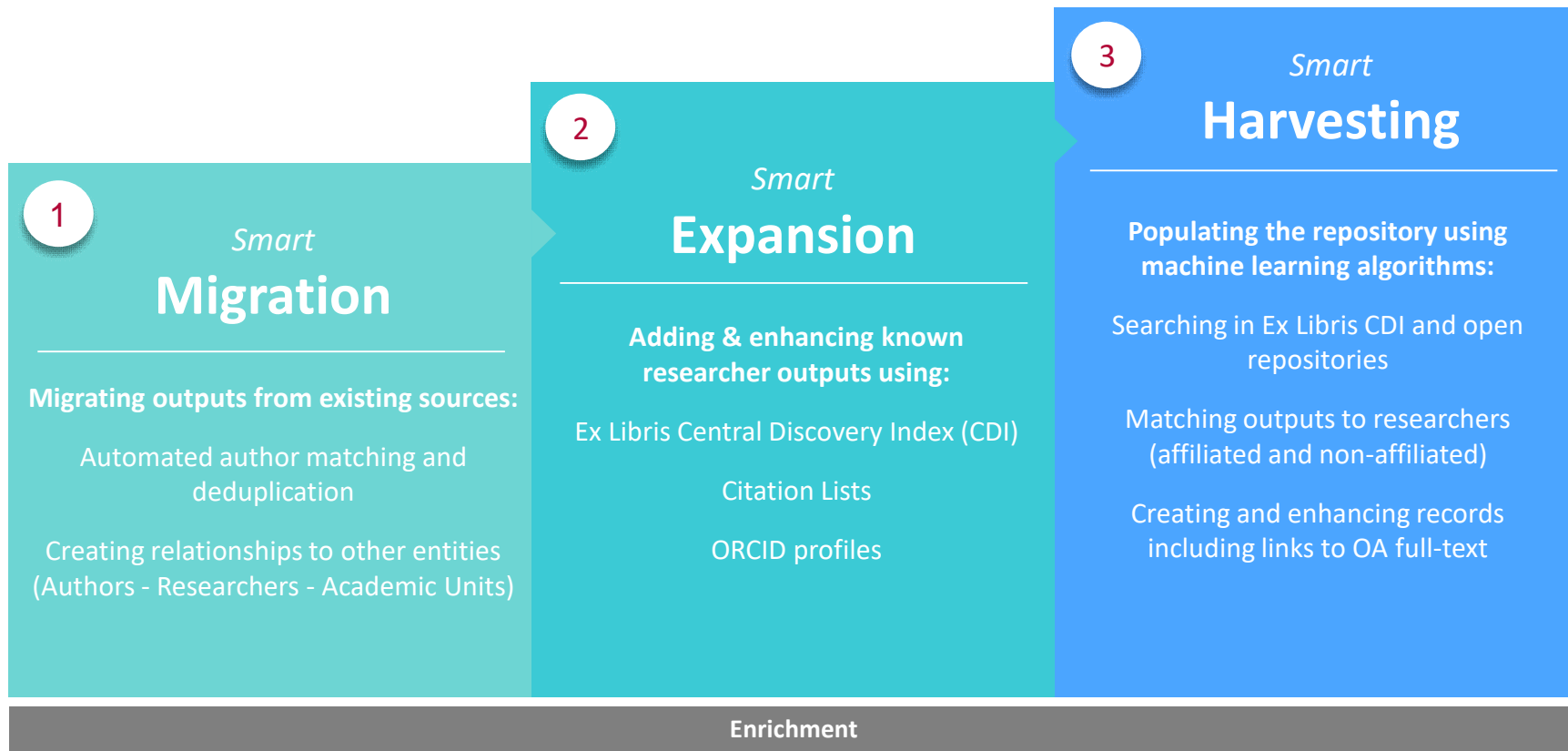


Live Esploro Demonstration



Populating the Exploro Repository

Populating the Esploro Repository



Ex Libris Central Discovery Index (CDI)

4.5+ Billion Metadata record count

5,000+ Content providers/data sources

425+ M peer-reviewed items

211+ M Open Access records

1.2+ M ORCIDs



754+ M Journal articles

732+ M Books / eBooks / book chapters

114+ M Patents

9.4+ M Datasets

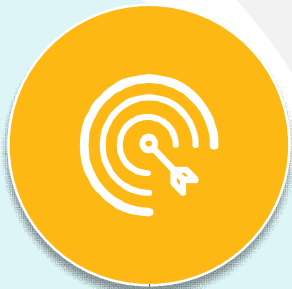
51+ M Conference proceedings

- Unique combination of asset types & Disciplines
- Multiple sources to create better metadata
- Leverages ProQuest content curation services

Smart Expansion Input File

	A	B	C	D	E	F
1	USERID	FNAME	LNAME	DOI	PMID	Title
2	smithj	Jane	Smith	10.1039/d2nj05434e		Reaction-induced macropore formation enabling commodity polymer derived carbons for CO2 capture
3	smithj	Jane	Smith	10.1002/marc.202200249	35856189	Diketoenamine-Based Vitrimers via Thiol-ene Photopolymerization
4	smithj	Jane	Smith	10.1002/marc.202200028	35146833	Hydrolyzable Poly(beta-thioether ester ketal) Thermosets via Acyclic Ketal Monomers
5	smithj	Jane	Smith	10.1021/acs.langmuir.0c03	33434432	Versatile Surface Functionalization of Water-Dispersible Iron Oxide Nanoparticles with Precisely Controlled Sizes
6	smithj	Jane	Smith	10.1021/acsapm.0c01017		Atomic Oxygen-Resistant Epoxy-amines Containing Phenylphosphine Oxide as Low Earth Orbit Stable Polymers
7	smithj	Jane	Smith	10.1039/d0py01006e		Command-destruct thermosets via photoinduced thiol-catalyzed beta-scission of acyclic benzylidene acetals
8	smithj	Jane	Smith	10.1021/acsami.0c07945	32805865	Programmable Porous Polymers via Direct Bubble Writing with Surfactant-Free Inks
9	smithj	Jane	Smith	10.1021/acs.macromol.9b	33100399	Quantifying Strain via Buckling Instabilities in Surface-Modified Polymer Brushes
10	smithj	Jane	Smith	10.1128/AEM.02482-19	31811038	Antimicrobial Activity of, and Cellular Pathways Targeted by, p-Anisaldehyde and Epigallocatechin Gallate In the Opp
11	smithj	Jane	Smith	10.1002/marc.201900478	31709712	Selective and Rapid Light-Induced RAFT Single Unit Monomer Insertion in Aqueous Solution
12	smithj	Jane	Smith	10.1039/c9py01082c		Hydrolytically degradable poly(beta-thioether ester ketal) thermosets via radical-mediated thiol-ene photopolymeriz
13	smithj	Jane	Smith	10.1039/c9py01123d	32117471	Sequential and one-pot post-polymerization modification reactions of thiolactone-containing polymer brushes
14	smithj	Jane	Smith	10.1021/acsabm.8b00500	34996260	Using Aldehyde Synergism To Direct the Design of Degradable Pro-Antimicrobial Networks
15	smithj	Jane	Smith	10.1021/acsomega.8b0146	31459158	Rational Design of Superhydrophilic/Superoleophobic Surfaces for Oil-Water Separation via Thiol-Acrylate Photopoly
16	smithj	Jane	Smith	10.1039/c8dt01392f	29931004	Fabrication of single-chain nanoparticles through the dimerization of pendant anthracene groups via photochemical up
17	smithj	Jane	Smith	10.1016/j.actbio.2017.12.0	29269331	A bio-based pro-antimicrobial polymer network via degradable acetal linkages
18	smithj	Jane	Smith	10.1002/app.45523		Synthesis and thiol-ene photopolymerization of (meth)allyl-terminated polysulfides
19	smithj	Jane	Smith	10.1039/c7py01659j		Post-polymerization modification of styrene-maleic anhydride copolymer brushes

Smart Harvesting: Changing the Paradigm



Goal

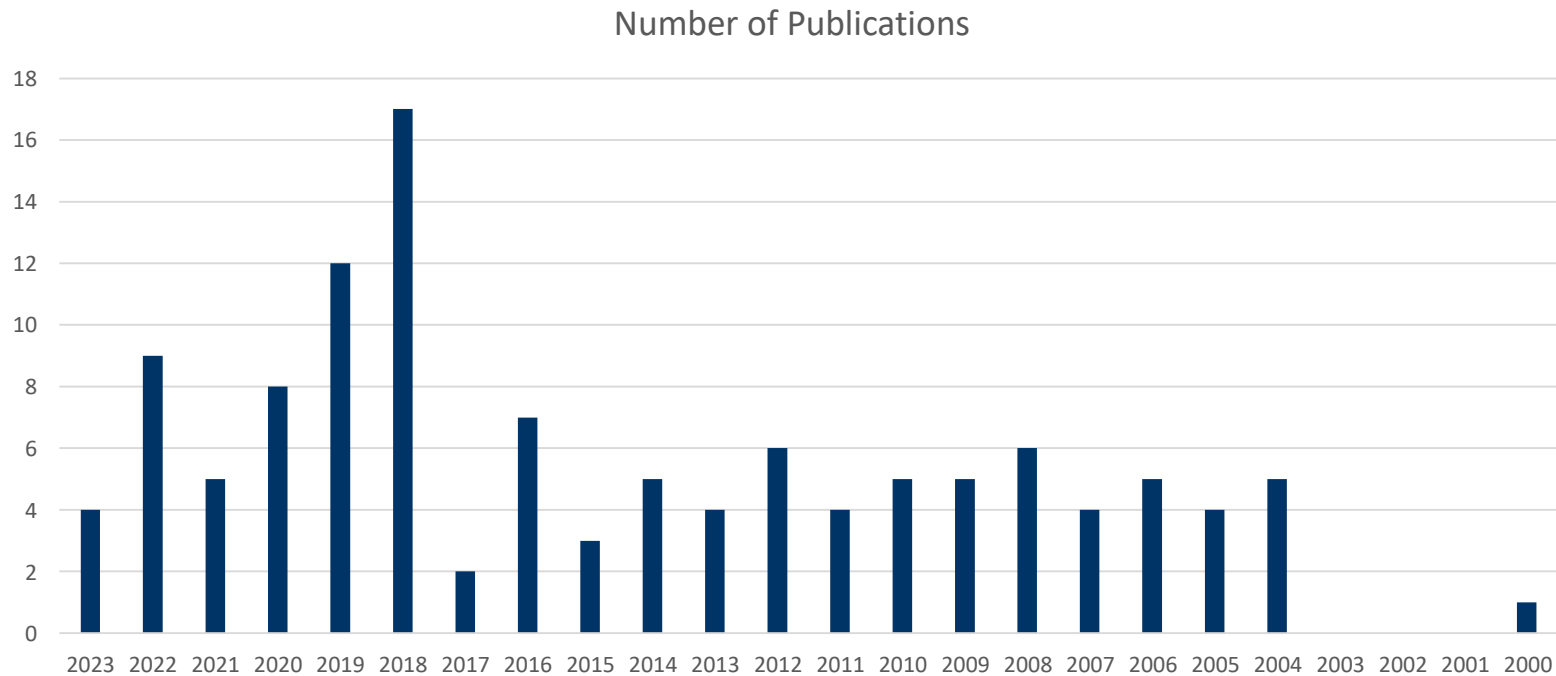
Leverage Ex Libris Central Discovery Index, of nearly 4 Billion assets, and open repositories to automatically create accurate and full lists of research output & data for all affiliated researchers



Method

Use machine learning algorithms to analyze metadata & full text in order to match the assets to the right researcher and eliminate duplications

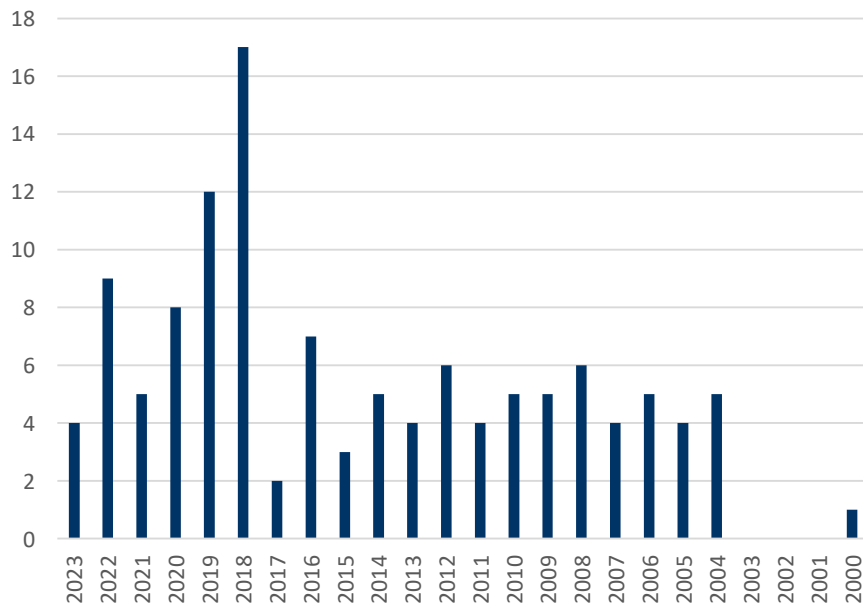
Smart Harvesting: Changing the Paradigm



Dr. Jane Smith
Professor of Biological Sciences

Smart Harvesting: Changing the Paradigm

Number of Publications



Deposit Source	% Assets (Total)
Smart Expansion	49.5% (60/121)
Smart Harvesting	48% (58/121)
Manual Deposit	2.5% (3/121)

*Manual deposits can be done in bulk by administrators

Dr. Jane Smith
Professor of Biological Sciences

Profile Enrichment Services

- Brand New Service Offering

- Create the input files for, and execute, Smart Expansion
- Run Smart Harvesting
- Deduplication and random verification of results

The screenshot displays a researcher's profile for Julie Saunders. On the left, there is a profile picture, her name, and affiliation: Professor, Biology Department, Natural Sciences, Esploro University. Below this is a 'Create CV' button and a list of her research interests: *Viral infections*, *Molecular Virology*, *Virology*, *3107*, *Covid-19*, *Viral Infection*, and *Phytopathology* | *3101*.

The main content area is divided into tabs: Overview, Output, Awards, Media, Projects, and Activities. The 'Output' tab is active, showing a list of publications on the left and two featured articles on the right.

Publication List:

- Drafts (4)
- In process (3)
- Highlights (2)
- All assets (29)
- Publication (25)
 - Journal article (19)
 - Book (3)
 - Book chapter (2)
 - Journal issue (1)
 - Conference/Event (3)
 - Theses/Dissertations (1)

Featured Article 1:

Current and Future Antiviral Strategies to Tackle Gastrointestinal Viral Infections
by Nanci Santos-Ferreira, Jana Van Dycke, Johan Neyts, Julie Saunders and Joana Rocha-Pereira
Published 08/01/2021
Microorganisms (Basel), 9, 8, 1599
Visibility controlled by administrator: not visible in portal nor profiles
Acute gastroenteritis caused by virus has a major impact on public health worldwide in terms of morbidity, mortality, and economic burden. The main culprits are rotaviruses, noroviruses, sapoviruses, astroviruses, and enteric adenoviruses. Currently, there are no antiviral drugs available for the prevention or treatment of gastroenteritis. Here, we describe the antivirals that were identified as having in vitro and/or in vivo activity.

Featured Article 2:

Neutralizing antibody vaccine for pandemic and pre-emergent coronaviruses
by Julie Saunders, Kevin O Saunders, Esther Lee, Robert Parks, David R Martinez, Dapeng Li, Haiyan Chen, Robert J Edwards, Sophie Gobeil and Maggie Barr ... (50 authors)
Published 06/24/2021
Nature (London), 594, 7864, 553
Betacoronaviruses caused the outbreaks of severe acute respiratory syndrome (SARS) and Middle East respiratory syndrome, as well as the current pandemic of SARS coronavirus 2 (SARS-CoV-2)(1-4). Vaccines that elicit protective immunity against SARS-CoV-2 and betacoronaviruses that circulate in animals have the potential to reduce the impact of future pandemics. Here we show that the immunisation of macaques with nanoparticle-expressing vaccine...

H2 2023 Roadmap Highlights



Showcase & Engage

Showcase institutional units with dedicated homepages

Display researcher-level metrics in the profile

Showcase & measure alignment with UN sustainable development goals (SDGs)



Metrics & Analytics

Share Reports & Dashboards with Executives

Richer metrics based on your InCites data

External collaboration reports



Build up the Research Info Hub

Create assets from Alma bibliographic records

Smart Harvesting improvements

Author matching enhancements



Improve Workflows

View and update organizational structure

Improve research information hub management workflows



Open System

Enhance existing APIs

APIs to view, add and update Esploro's organizational structure

Esploro Community Worldwide

North America



EMEA



APAC



Thank you!

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shalhevet.bar-asher@clarivate.com

