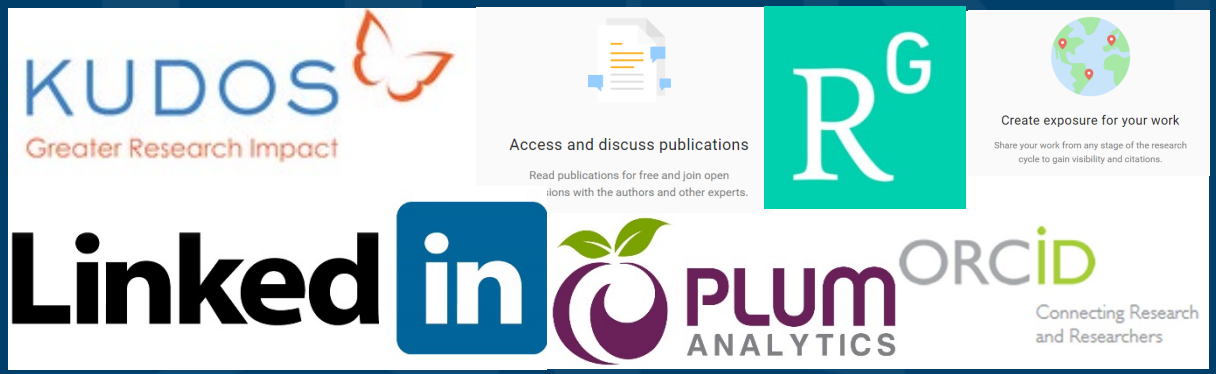
EPA United States Environmental Protection Agency

ORCID 0000-0002-2668-4821

Profile Building, Research Sharing and Data Proliferation using Social Media Tools for Scientists



Antony Williams
National Center for Computational Toxicology

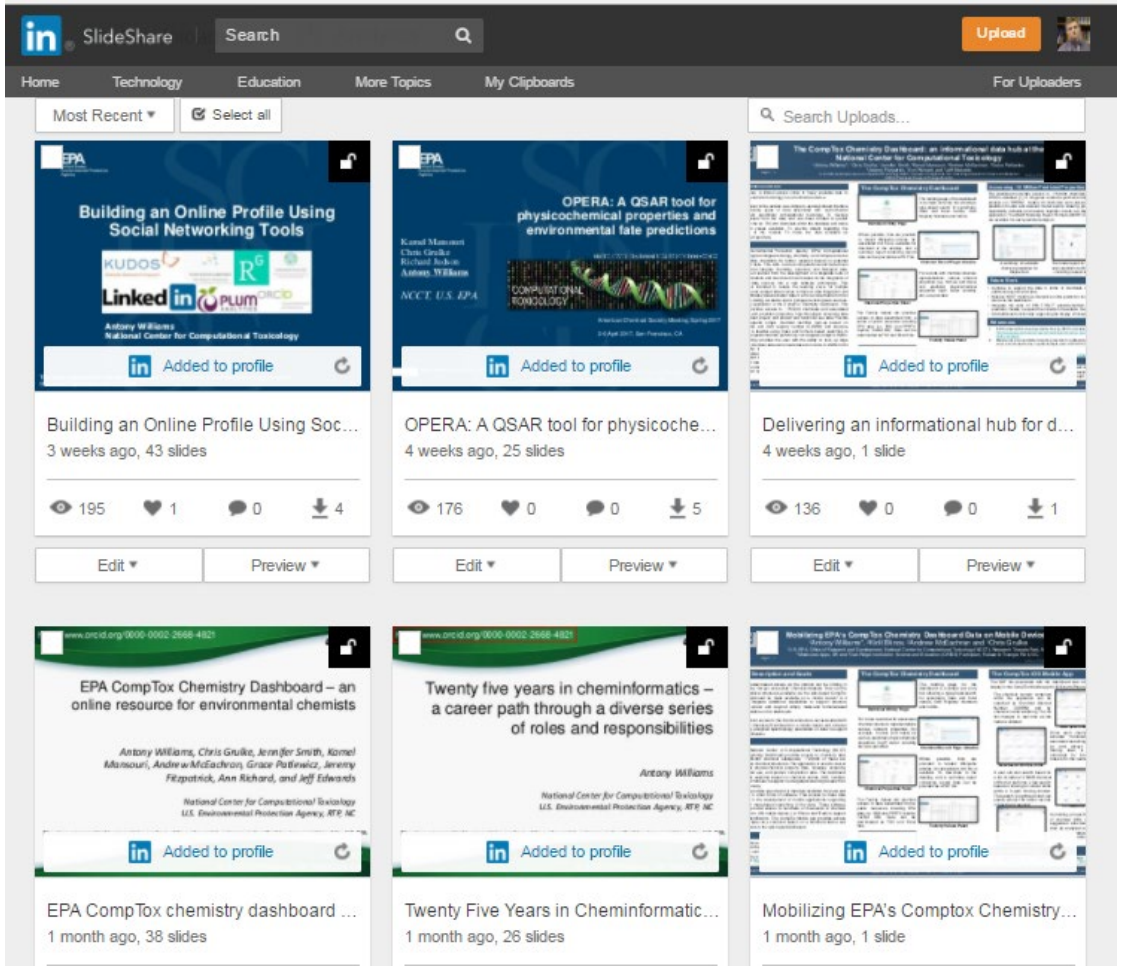
EPA United States Environmental Protection Agency

Feel free to take notes but..

- All slides will be made available later
- Contact me directly if I can help – williams.antony@epa.gov

Various Versions of This Talk

www.slideshare.net/AntonyWilliams



A related publication…

F1000Research F1000Research 2017, 6:1315 Last updated: 19 DEC 2018

Check for updates

OPINION ARTICLE

The new alchemy: Online networking, data sharing and research activity distribution tools for scientists [version 1; referees: 2 approved, 1 approved with reservations]

Antony J. Williams [1], Lou Peck [2], Sean Ekins [3]

[1]National Center for Computational Toxicology, Environmental Protection Agency, Durham, NC, 27711, USA
[2]Lou Peck Consulting, Swansea, SA4 3JQ, UK
[3]Collaborations Pharmaceuticals, Inc., Raleigh, NC, 27606, USA

EPA United States Environmental Protection Agency

Some Questions for you…

- Show of hands please…
  - How many of you have an ORCID?
  - How many of you have LinkedIn?
  - How many of you have SlideShare?
  - How many of you have published >3 papers?
  - How many of you share your work online?

EPA United States Environmental Protection Agency

Who markets your work??? If not you, then who?

- "**It's not the job of researchers to become experts in public relations** — that's why universities have press offices, says Matt Shipman, research communications lead at North Carolina State University in Raleigh. But **he recommends scientists toot their own horns as well**. "

- http://www.nature.com/news/kudos-promises-to-help-scientists-promote-their-papers-to-new-audiences-1.20346

EPA United States Environmental Protection Agency

My Hopes for Today

- Encourage you in the “era of participation”
- Provide an overview of some tools available
- Share some stories, statistics and strategies
- Encourage you to “share for the sake of community/science as well as for yourself”

- **OUTCOMES**
- You will claim an **ORCiD**
- You will invest ~2 hours per month on your profile
- You have a bigger “Impact” online….

EPA United States Environmental Protection Agency

ORCID – The Scientists SSN

ORCID

Connecting Research and Researchers

Antony Williams

ORCID ID

orcid.org/0000-0002-2668-4821

What's the value of ORCID?

- ORCIDs are now expected for many publications

- Single click through to your ORCID page – how rich is your ORCID biography??? See

https://orcid.org/0000-0002-2668-4821

EPA United States Environmental Protection Agency

Publishers Requiring ORCIDs…

https://orcid.org/content/mandating-orcid-publication-workflows-open-letter

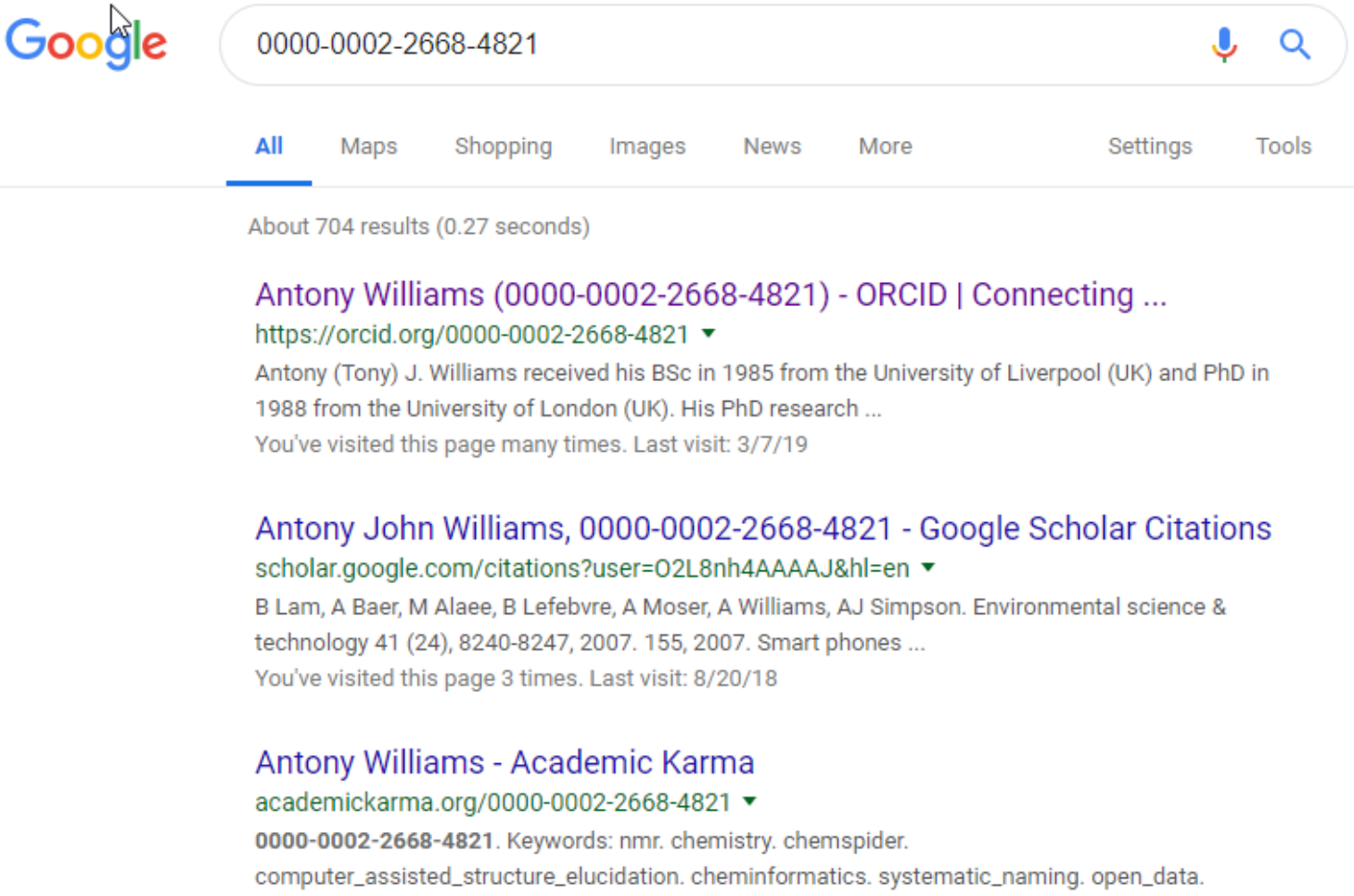
Requiring ORCID in Publication Workflows: Open Letter

Major publishers have committed to requiring ORCID iDs in the publishing process for their journals and invite other publishers to do the same.

In November, 2015, a group of publishers asked ORCID to help facilitate communications about their plans to require authors to use an ORCID iD, including hosting this open letter explaining their rationale, developing best practices for using iDs in publishing, and maintaining the signatory list. The publishers' goal is to encourage others to join them in supporting the adoption of ORCID. Publishers signing this open letter are committing to requiring ORCID iDs during 2016 following specific implementation standards.

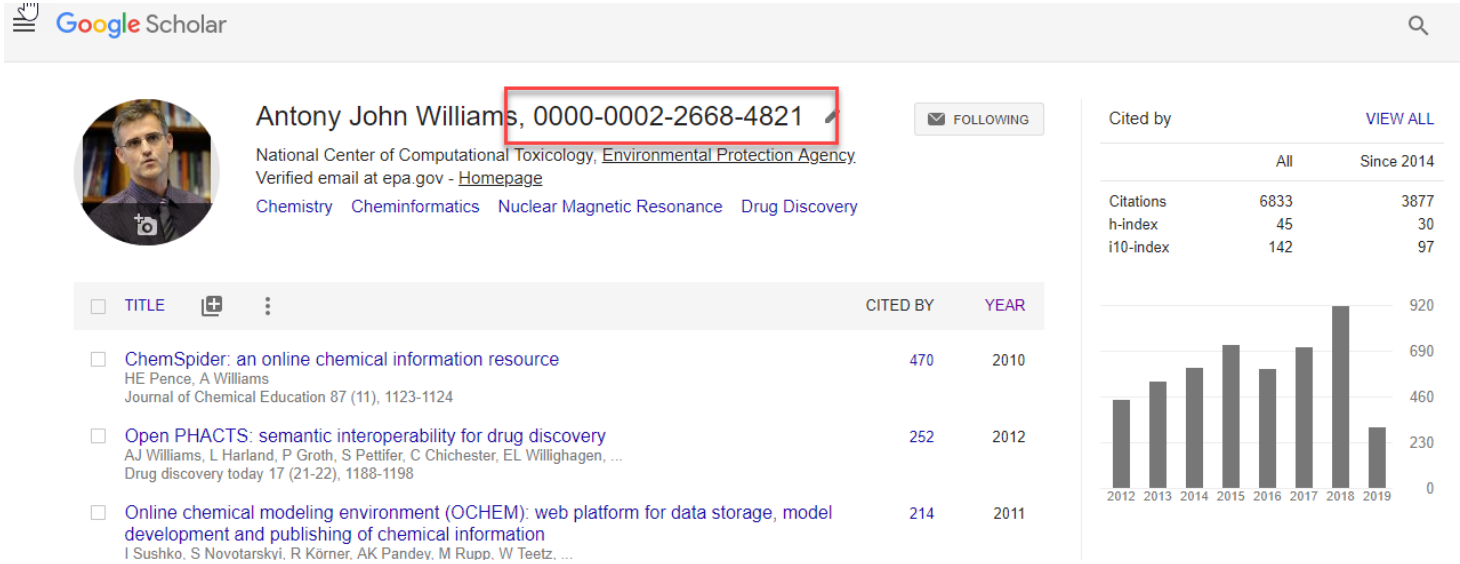
EPA United States Environmental Protection Agency

It's a Scientists SSN – use it in various places

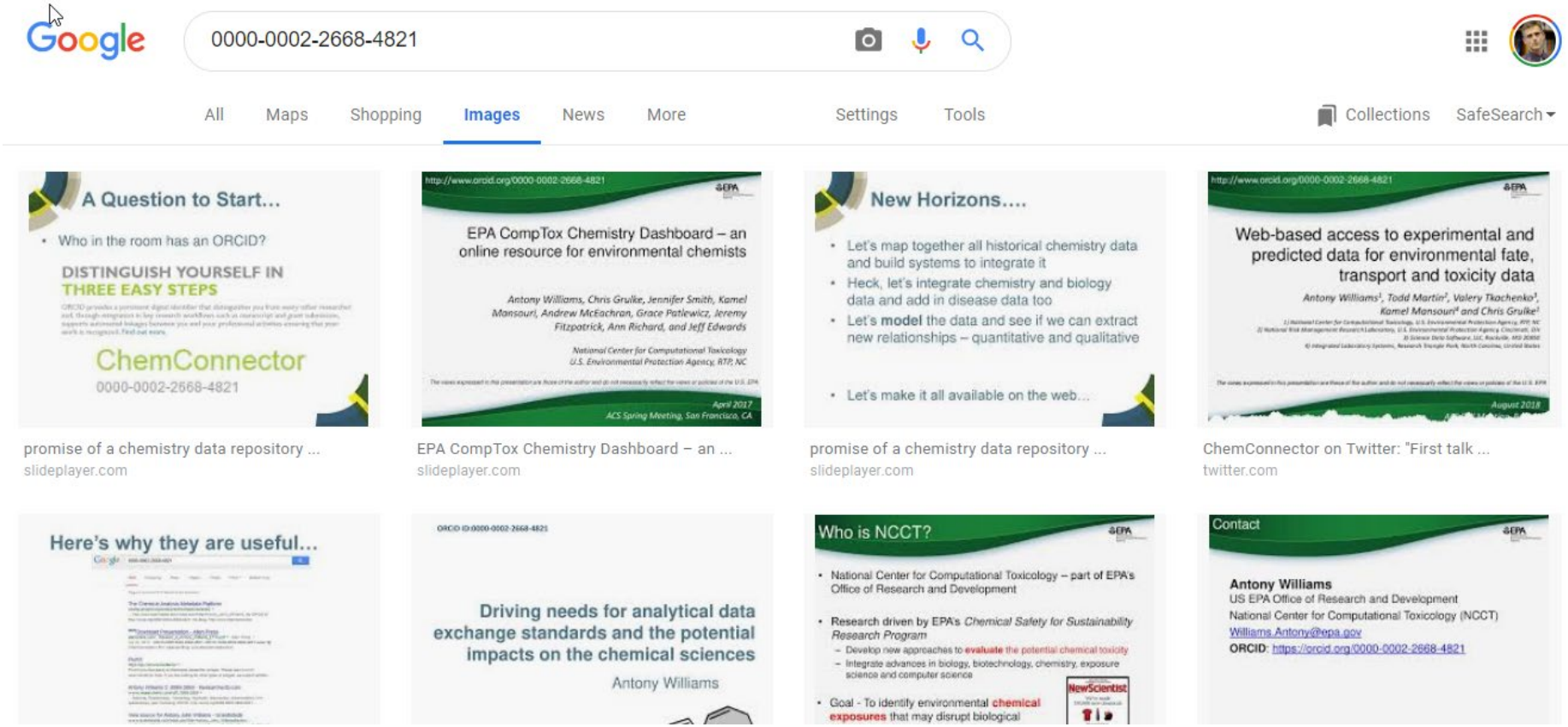


Use ORCID on all products

- Use your ORCID on everything you produce that will be indexed:
  - Presentations
  - Posters
  - Your profiles



Google will index all of your works…even if ORCID doesn't



EPA United States Environmental Protection Agency

Think about it…

- 100s if not 1000s of hours of research behind a paper. How much work is the PUBLISHER going to do to make sure people find out about your article?? How do you find out about an article???

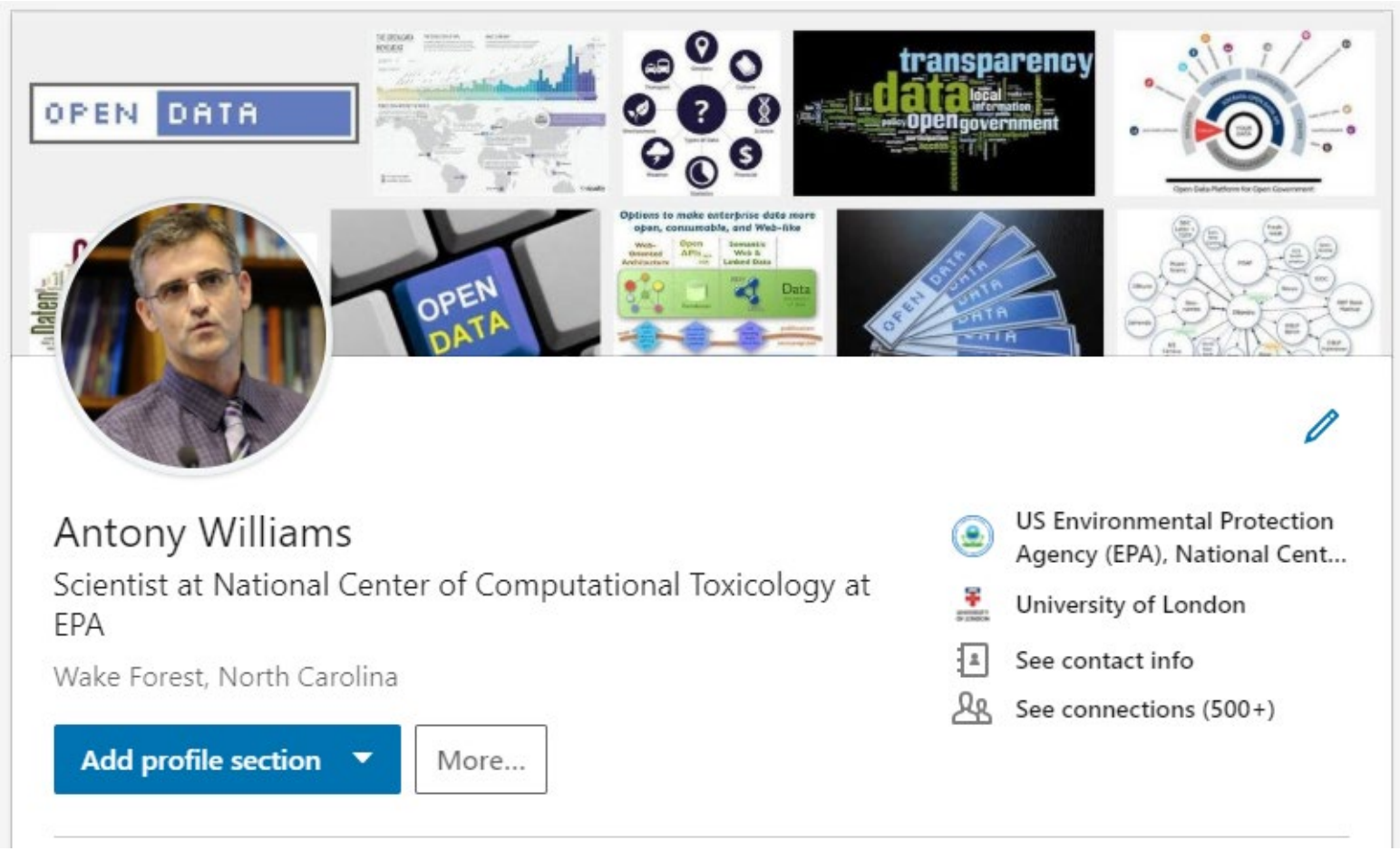
- Shouldn't **YOU** and your **CO-AUTHORS** invest some time in getting it out to the network???

- A presentation given to a small room of people has a lifetime of "20-30 mins". A presentation shared online for all to see lives a lot longer. An article shared in the network has a much wider audience.

Scientists are Evaluated: "Statistics"

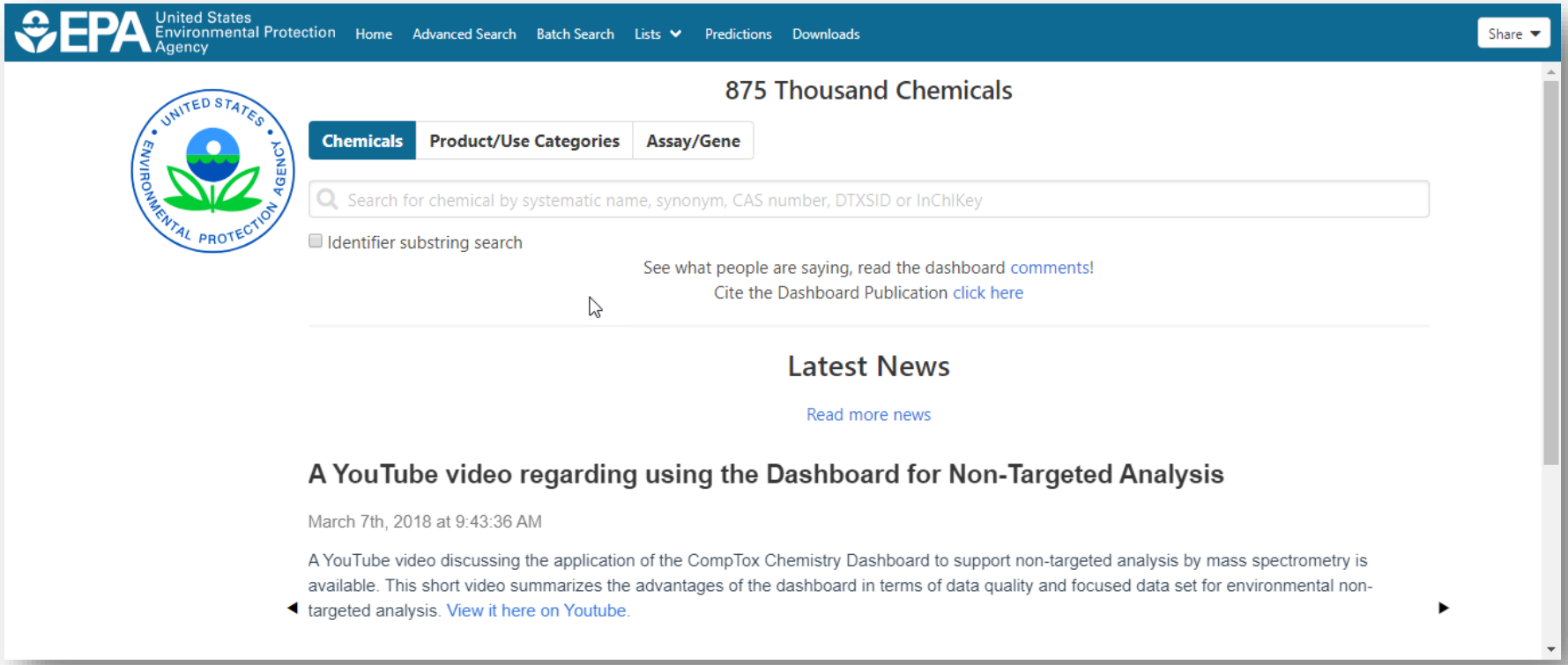
- Research datasets
- Scientific software
- Publications – peer-reviewed and many others
- Posters and presentations at conferences
- Electronic theses and dissertations
- Performances in film and audio
- Other forms of research
- **CAVEAT: Make sure you are *allowed* to share**

LinkedIn
The MOST BASIC Career Networking Tool



http://www.linkedin.com/in/AntonyWilliams

My primary project at present…



Ability to Highlight Projects

7 Projects

The CompTox Chemicals Dashboard
Dec 2015 – Present

The CompTox Chemicals Dashboard is an integration hub for chemistry and biology data of interest to environmental scientists and toxicologists. The dashboard was released as a beta on April 1st 2016 and formally as version 1 to the community in August 2016. The dashboard is free to use and presently provides access to data for ~875,000 chemicals.

The definitive article regarding the development of the dashboard is published in the Journal of Cheminformatics as https://jcheminf.biomedcentral.com/articles/10.1186/s13321-017-0247-6.

There are a number of derivative and related articles that have come from the related research and application development. These include:
1) OPERA models for predicting physicochemical properties and environmental fate endpoints - https://jcheminf.biomedcentral.com/articles/10.1186/s13321-018-0263-1
2) An automated curation procedure for addressing chemical errors and inconsistencies in public datasets used in QSAR modelling https://doi.org/10.1080/1062936X.2016.1253611
3) Generalized Read-Across (GenRA): A workflow implemented into the EPA CompTox Chemicals Dashboard https://www.altex.org/index.php/altex/article/view/1202
4) A Chemical Category-Based Prioritization Approach for Selecting 75 Per-and Polyfluoroalkyl Substances (PFAS) for Tiered Toxicity and Toxicokinetic Testing https://ehp.niehs.nih.gov/doi/10.1289/EHP4555

Other creators

Manage Articles Here Too…

64 Publications

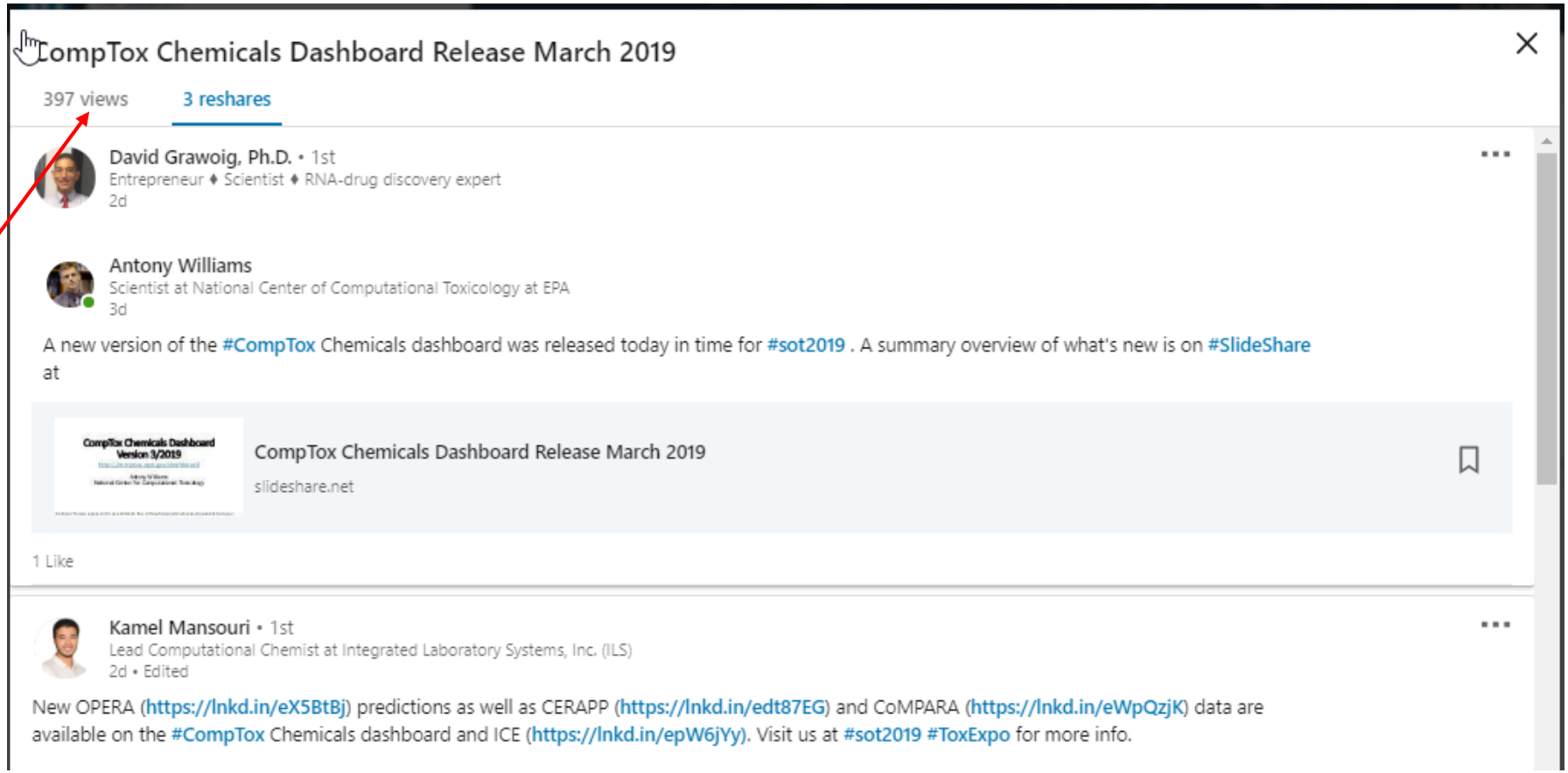
Generalized Read-Across (GenRA): A workflow implemented into the EPA CompTox Chemicals Dashboard

Feb 4, 2019 • ALTEX-Alternatives to animal experimentation

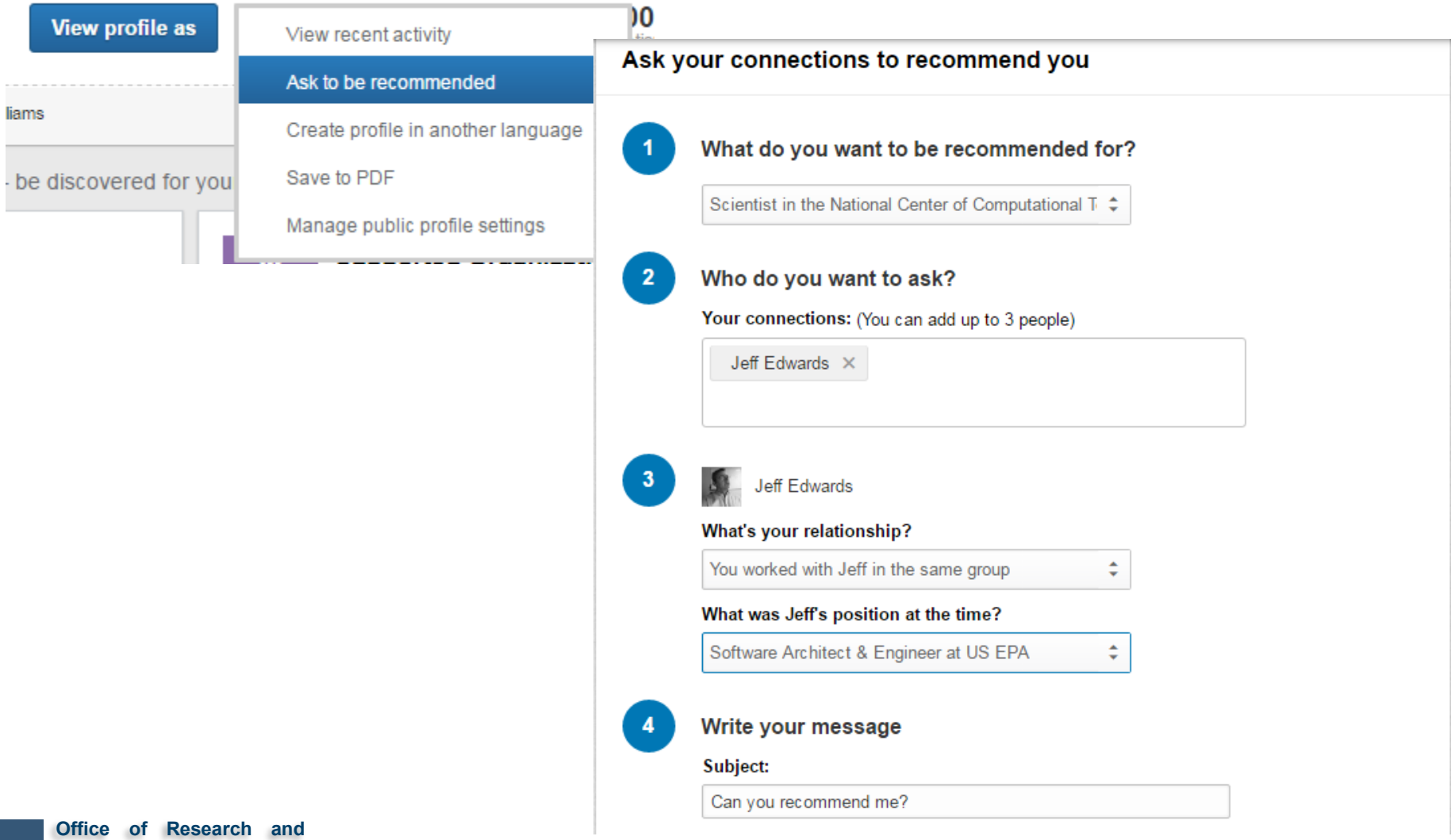
Generalized Read-Across (GenRA) is a data driven approach which makes read-across predictions on the basis of a similarity weighted activity of source analogues (nearest neighbors). GenRA has been described in more detail in the literature (Shah et al., 2016; Helman et al., 2018). Here we present its implementation within the EPA's CompTox Chemicals Dashboard to provide public access to a GenRA module structured as a read-across workflow. GenRA assists researchers in identifying source analogues, evaluating their validity and making predictions of in vivo toxicity effects for a target substance. Predictions are presented as binary outcomes reflecting presence or absence of toxicity together with quantitative measures of uncertainty. The approach allows users to identify analogues in different ways, quickly assess the availability of relevant in vivo data for those analogues and visualize these in a data matrix to evaluate the consistency and concordance of the available experimental data for those analogues before making a GenRA prediction. Predictions can be exported into a tab-separated value (TSV) or Excel file for additional review and analysis (e.g., doses of analogues associated with production of toxic effects). GenRA offers a new capability of making reproducible read-across predictions in an easy-to use-interface.

Other authors

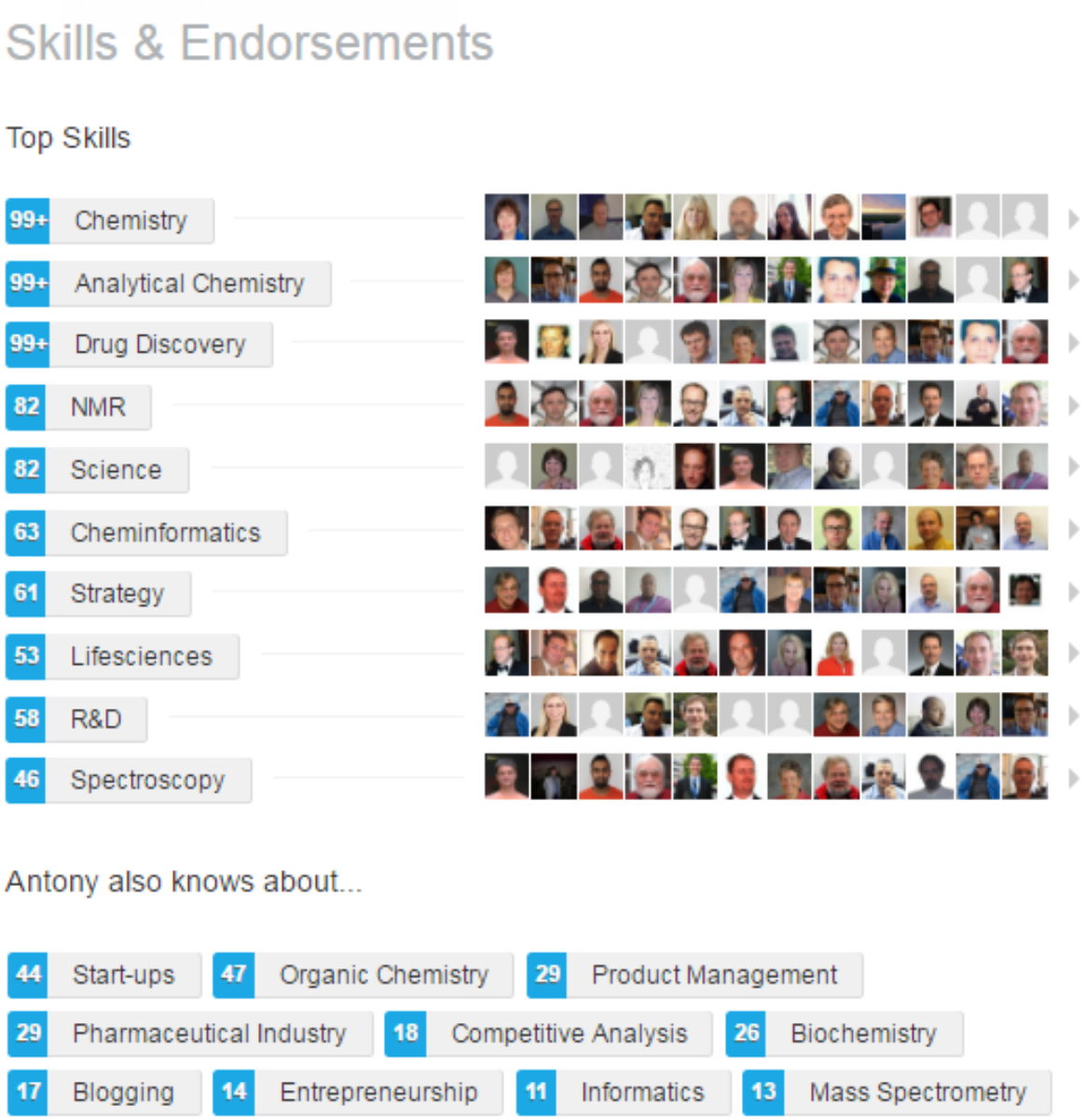
Your Postings Get Networked



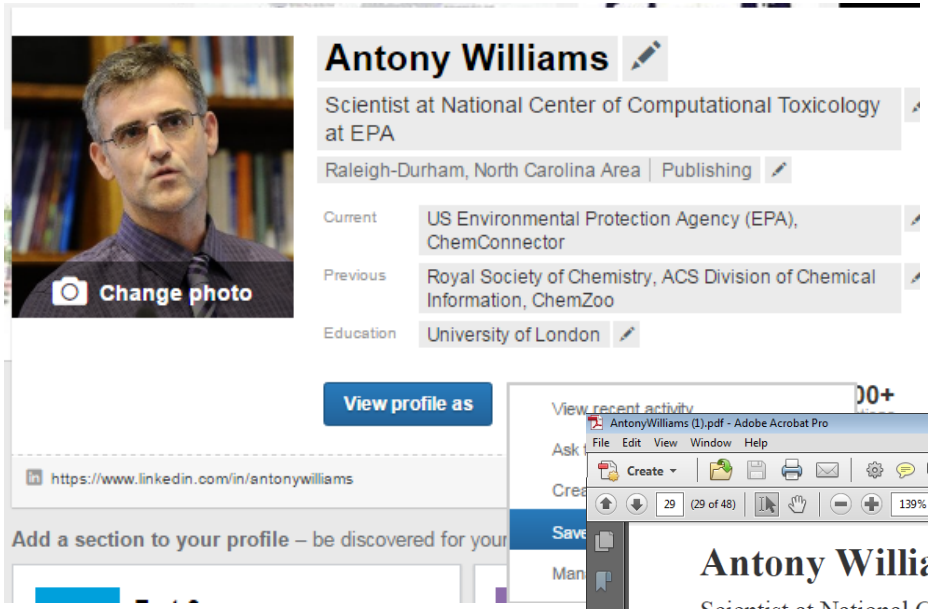
Ask for Recommendations

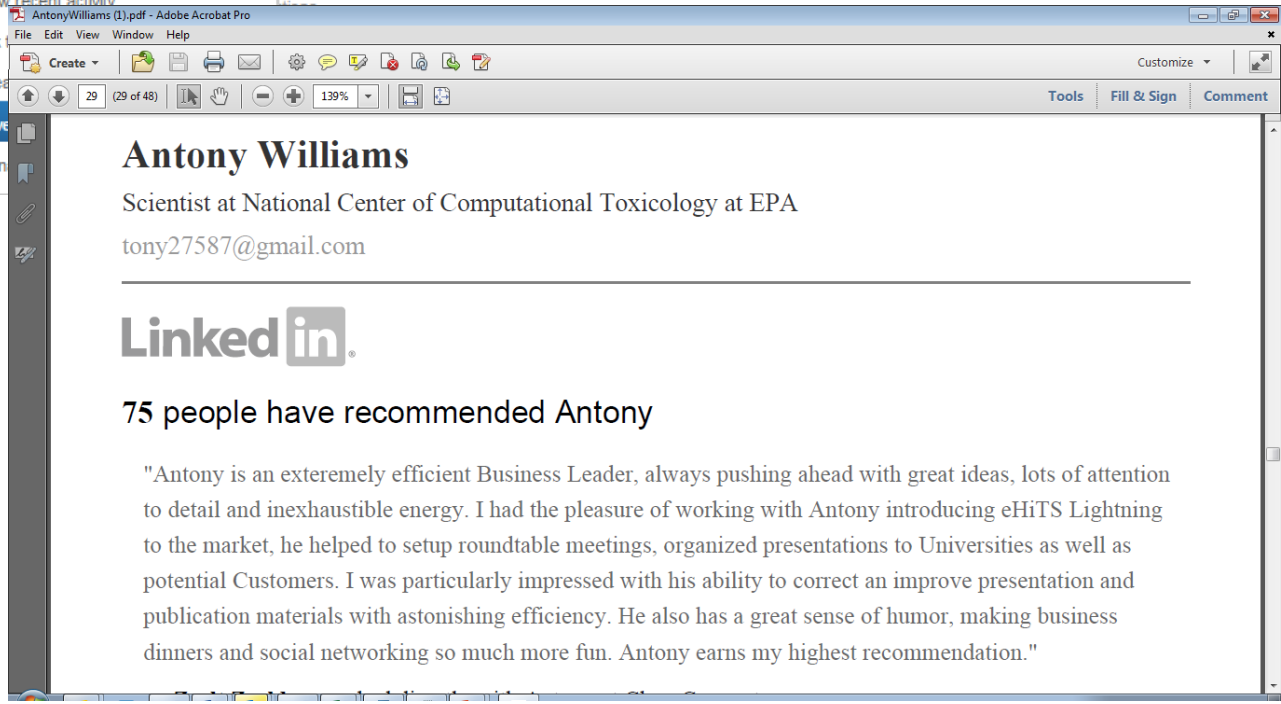


Ask for “Endorsements”,

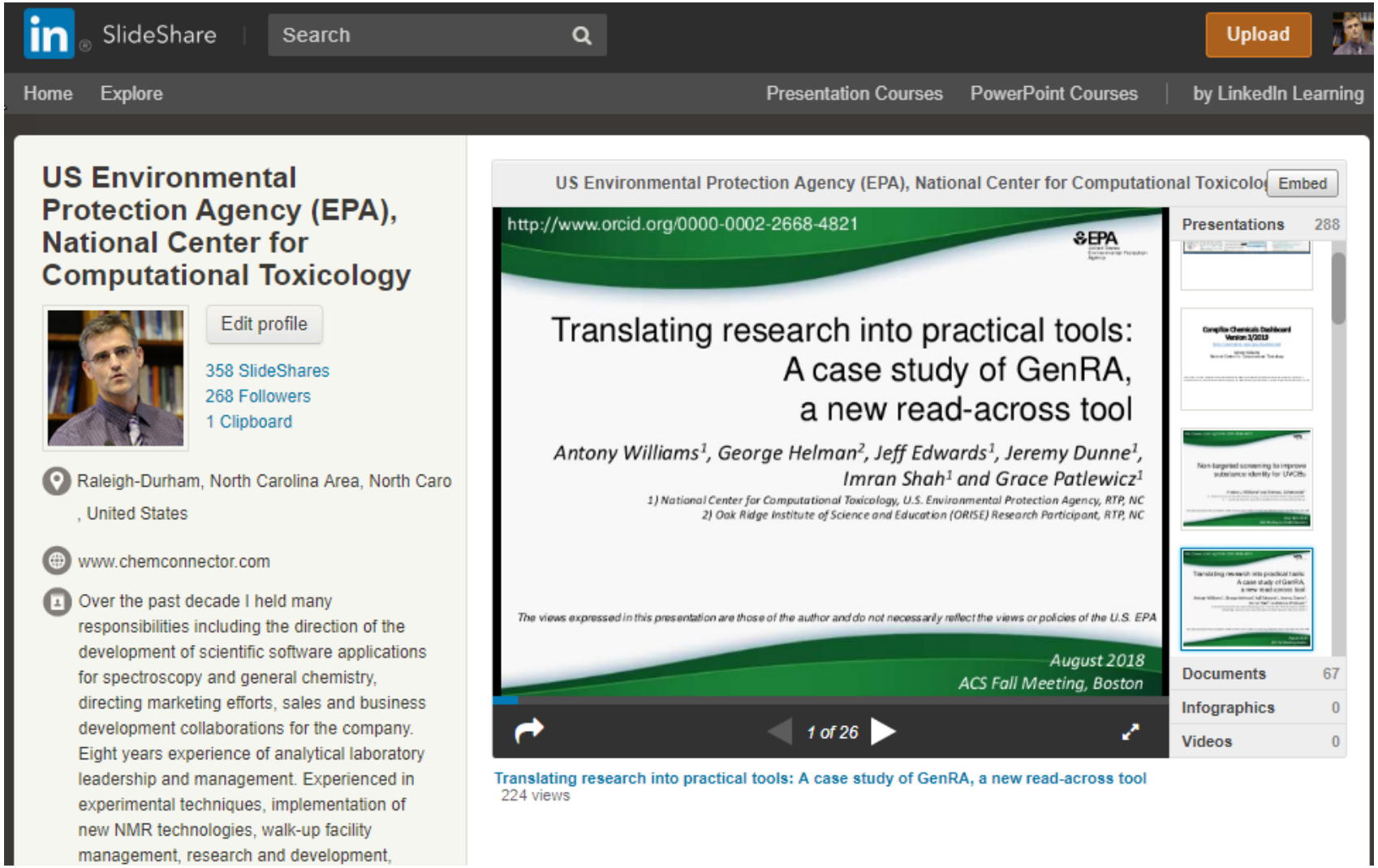


Instant Summary as a PDF

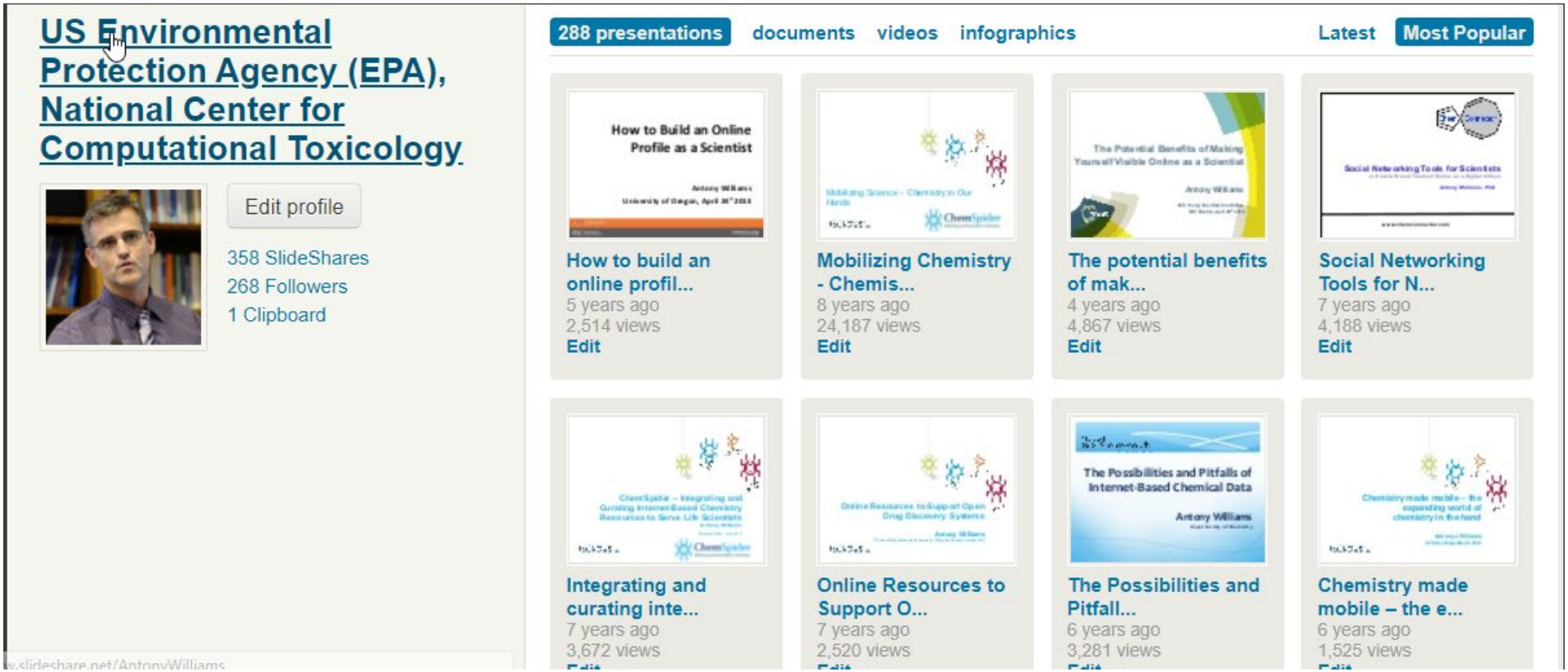




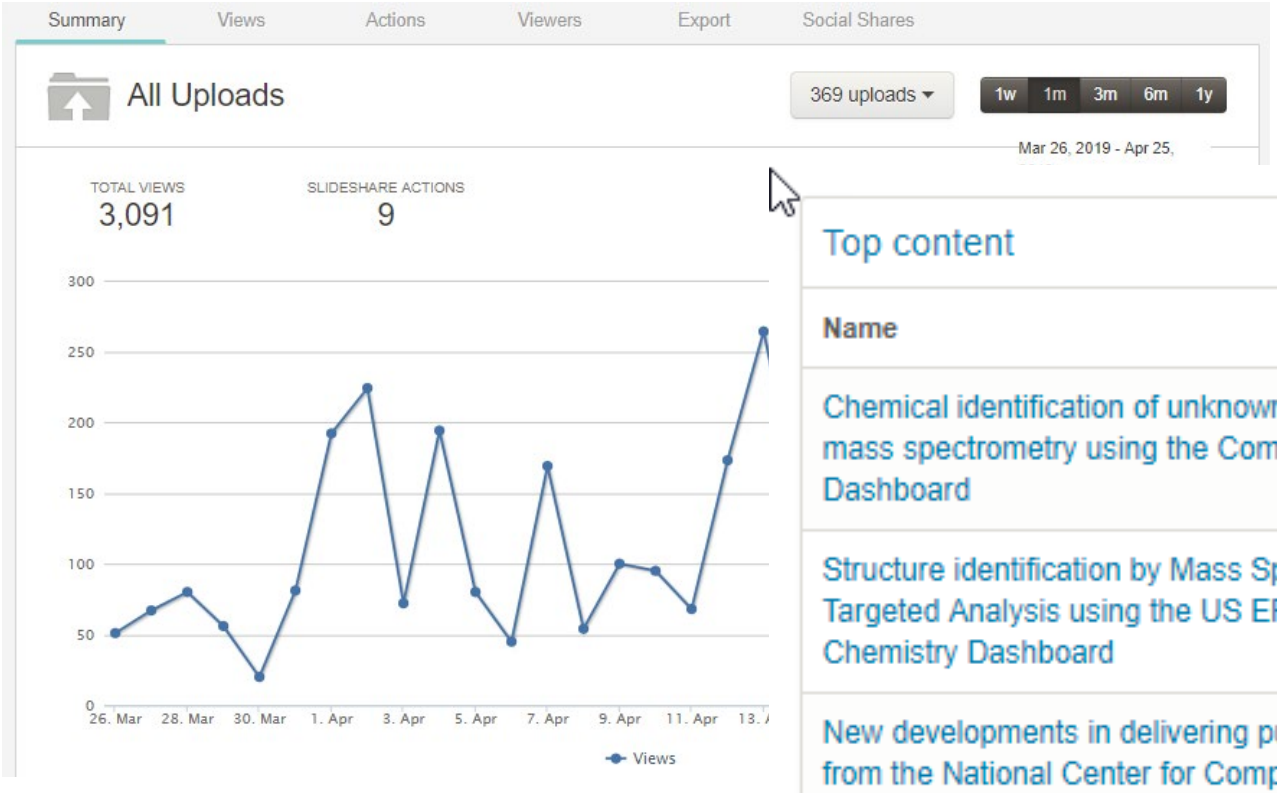
Presentations



Sharing your works online – can get 1000s of views



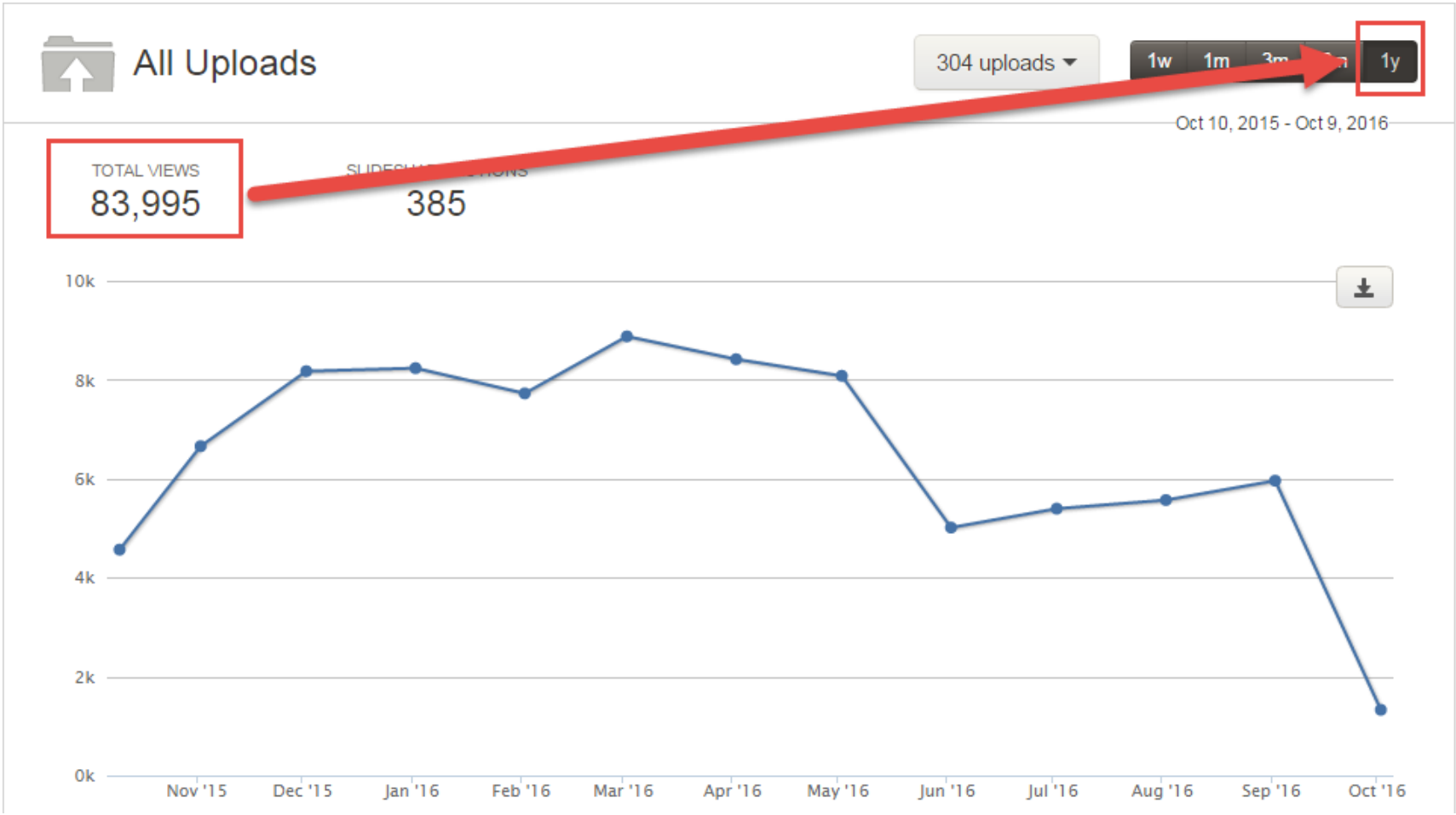
Analytics



Top content

Name	Views
Chemical identification of unknowns in high resolution mass spectrometry using the CompTox Chemicals Dashboard	240
Structure identification by Mass Spectrometry Non-Targeted Analysis using the US EPA's CompTox Chemistry Dashboard	189
New developments in delivering public access to data from the National Center for Computational Toxicology at the EPA	189
US EPA CompTox Chemistry Dashboard as a source of data to fill data gaps for chemical sources of risk	185
Development of a Tool for Systematic Integration of Traditional and New Approach Methods for Prioritizing Chemical Lists	183

Slideshare – Highly Accessed



Slideshare – NOT Just Slides

Presentations | 65 Documents | Videos | Infographics | Latest | Most viewed

3D printing crystal structure...
8 months ago,
1207 views
Edit

Why High-Throughput Screening...
9 months ago,
234 views
Edit

Dispensing Processes Impact A...
1 year ago,
406 views
Edit

ChemSpider as a hub for onlin...
2 years ago,
271 views
Edit

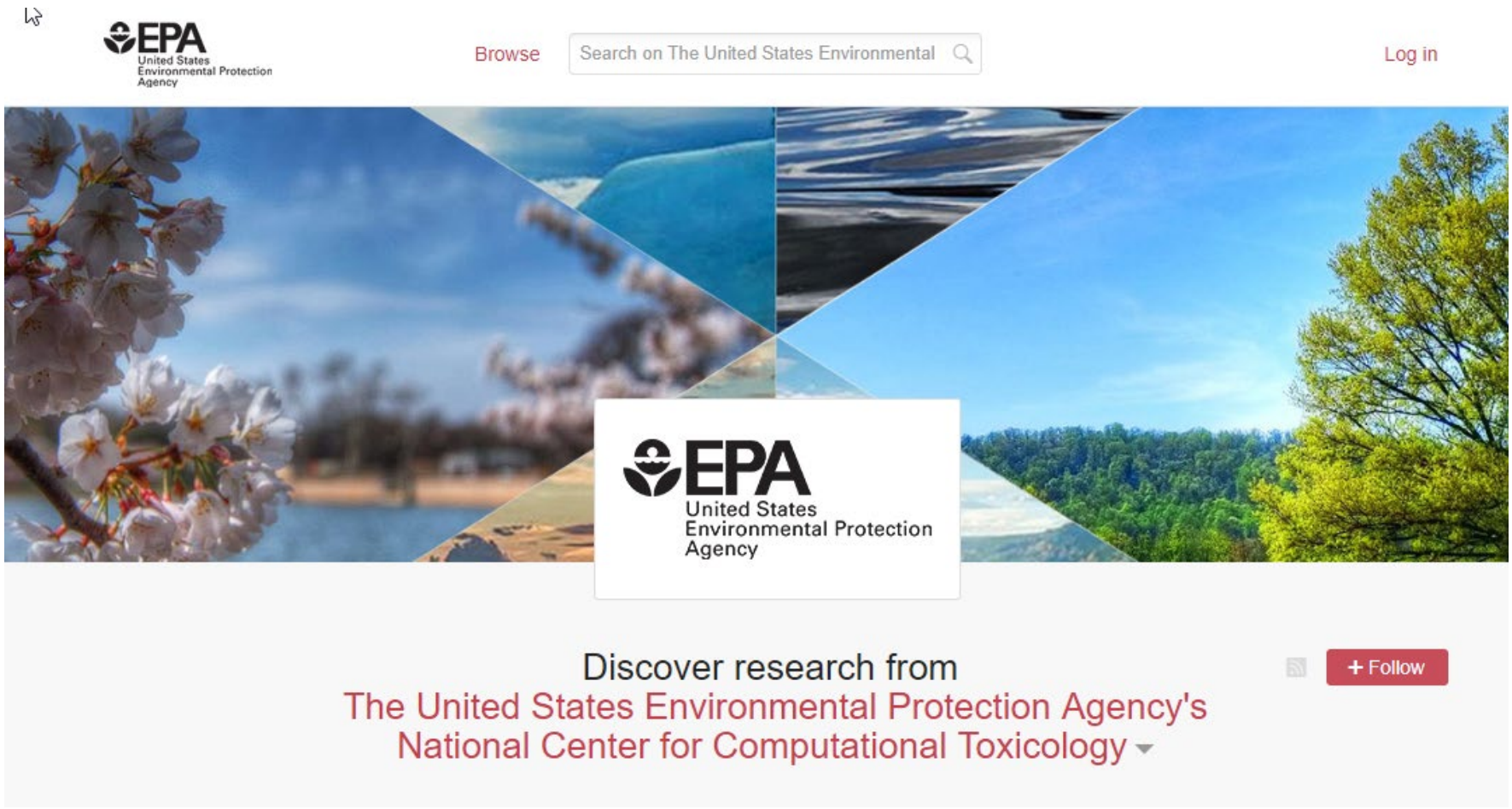
Revisiting the nmr assignment...
2 years ago,
328 views
Edit

Structure revision of asperji...
2 years ago,
119 views
Edit

Elucidating undecipherable ch...
2 years ago,
266 views
Edit

Using indirect covariance spe...
2 years ago,
182 views
Edit

NCCT also uses “FigShare”



Presentations and Datasets

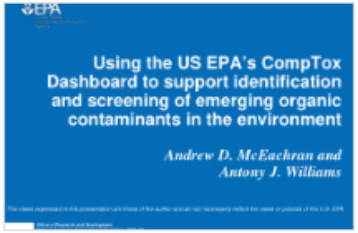
EPA United States Environmental Protection Agency

Browse | Search on The United States Environmental | Log in

0000-0002-2668-4821 help?

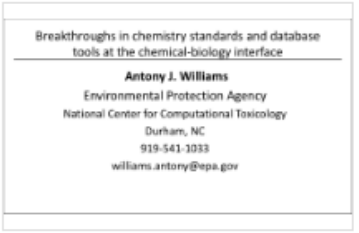
incl. content from figshare | sort Relevance | type ANY | licence ANY | + Follow this search

DSSTox: The Open Environmental Chemistry Data underlying the Co...
Chris Grulke 06/06/2018

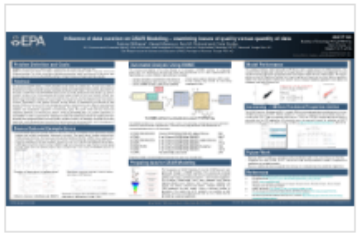


Using the US EPA's CompTox Dashboard to support identificatio...
Antony Williams 30/06/2017

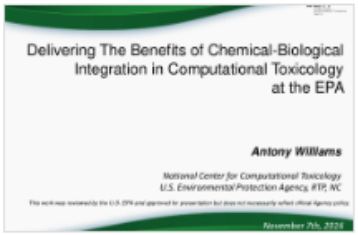
Building an Online Profile Using Social Networking Tools
Antony Williams 30/05/2018



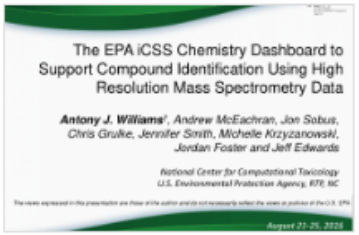
Breakthroughs in chemistry standards and database tools at th...
Antony Williams 30/06/2017



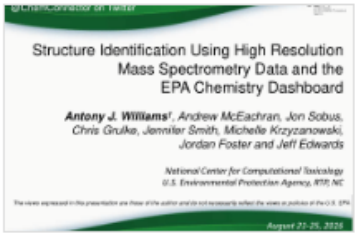
Influence of data curation on QSAR Modeling – examining issues of qu...



Delivering The Benefits of Chemical-Biological Integration in ...

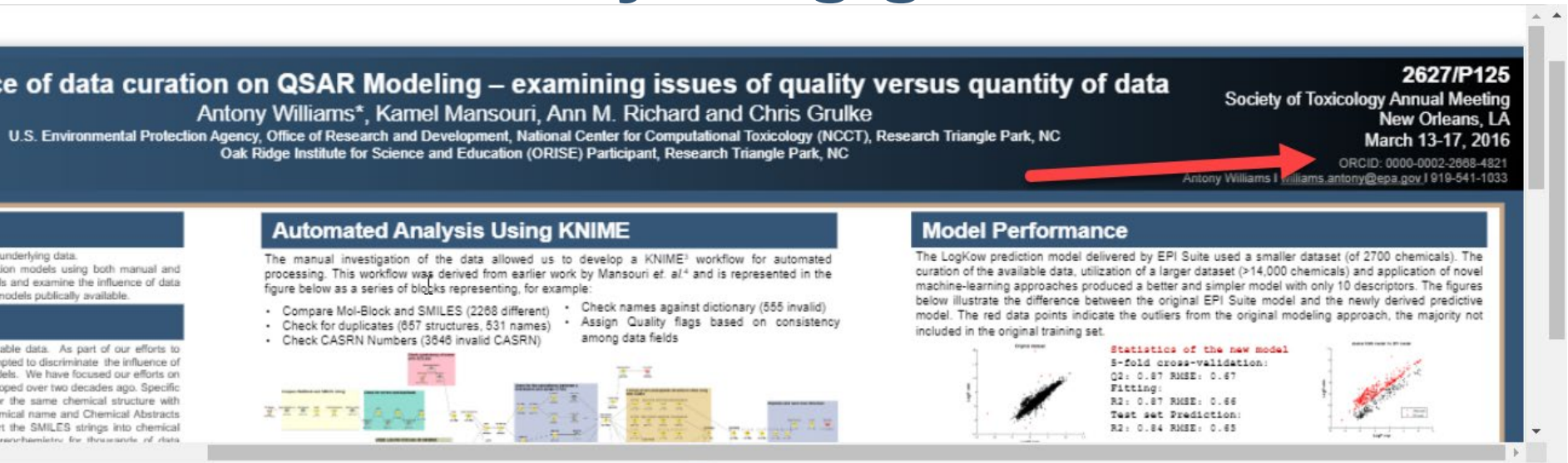


The EPA iCSS Chemistry Dashboard to Support Compound Identificatio...



Structure Identification Using High Resolution Mass Spectrometry Dat...

Including all Posters… everything gets DOI'ed



ms Quality Poster 0307_2016_fin….pdf (699.07 kB)

MD5: 684b9db8c33b6b26d4f2740161573329

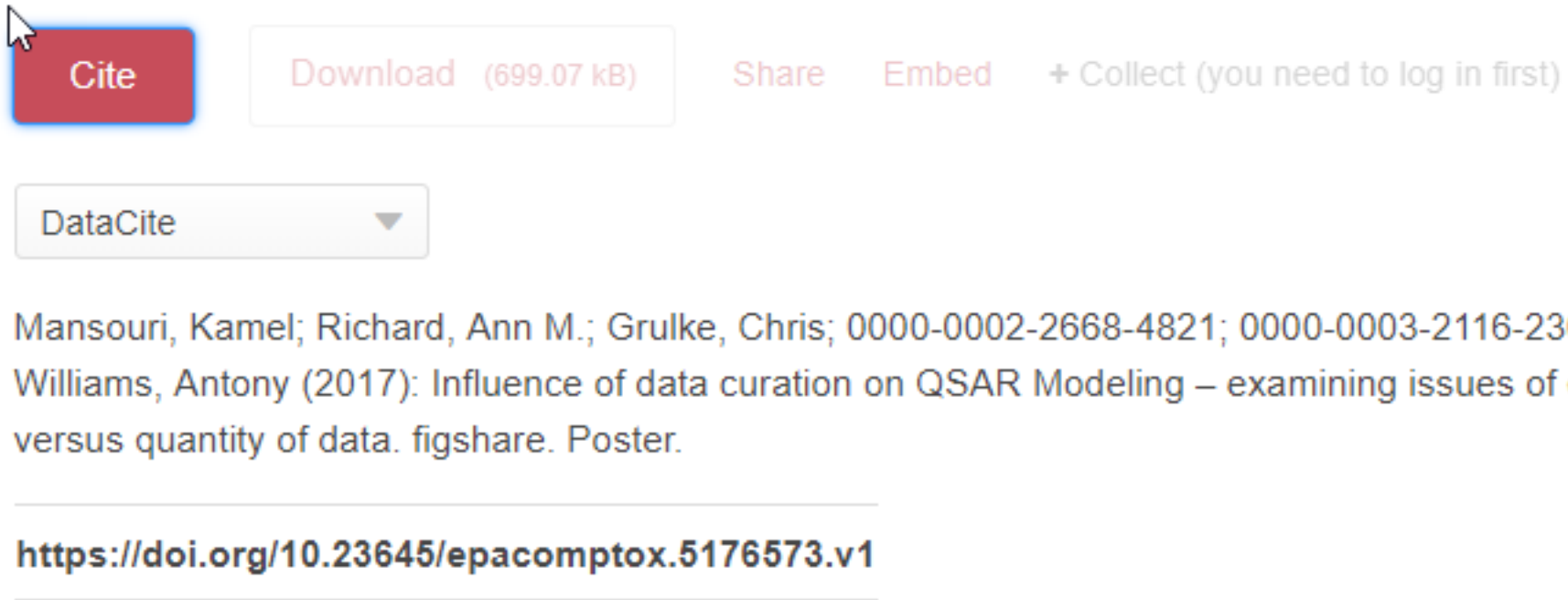
Cite | Download (699.07 kB) | Share | Embed | + Collect (you need to log in first)

Influence of data curation on QSAR Modeling – examining issues of quality versus quantity of data

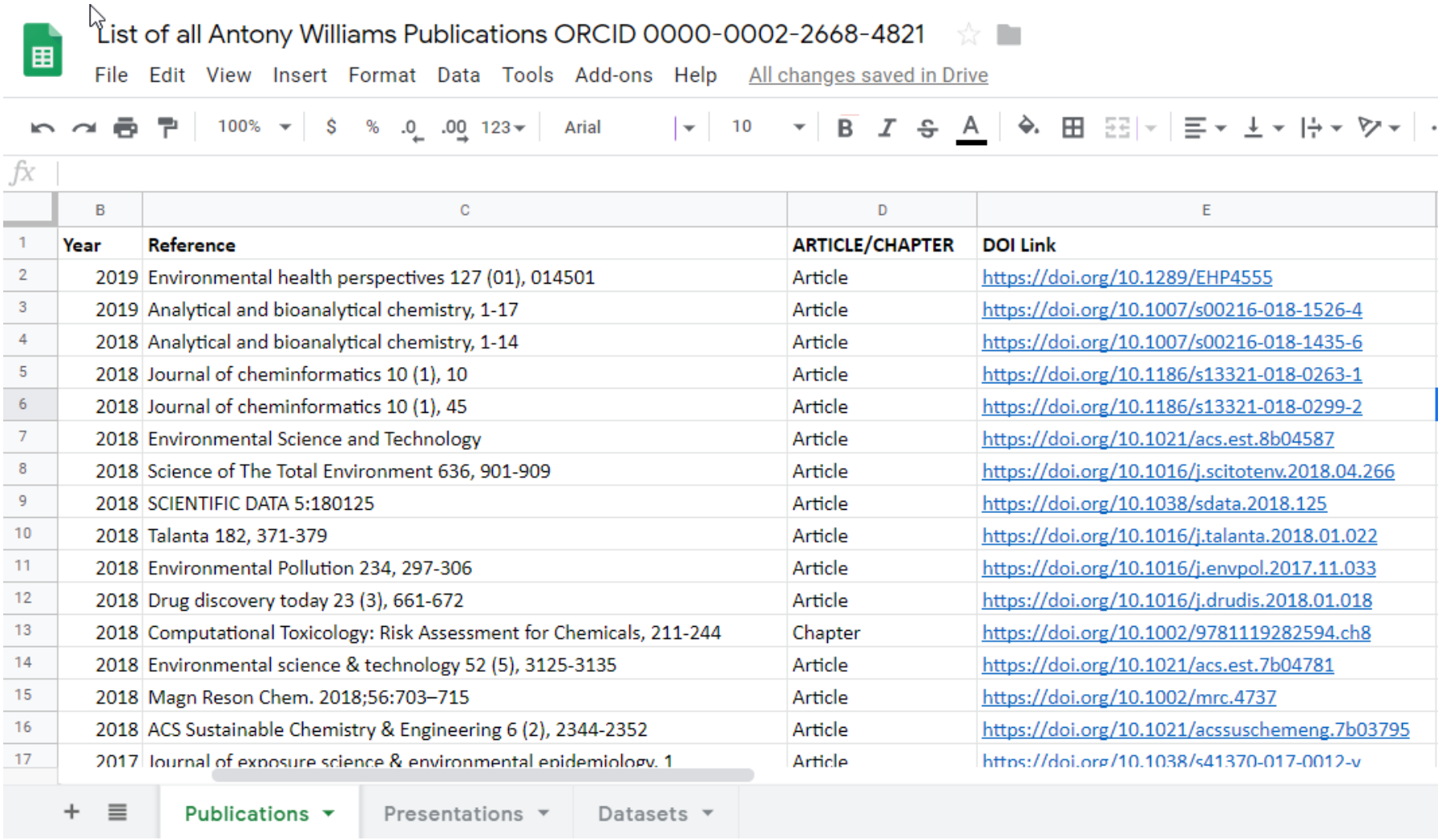
114 views | 34 downloads | 0 citations

Poster posted on 24.07.2017, 11:18 by Kamel Mansouri, Ann M. Richard, Chris Grulke, 0000-0002-2668-4821, 0000-0003-2116-2300, Antony Williams

DOI everything if you can



DOI your research outputs and put online… Don't Wait!



List of all Antony Williams Publications ORCID 0000-0002-2668-4821

File Edit View Insert Format Data Tools Add-ons Help All changes saved in Drive

	B	C	D	E
1	**Year**	**Reference**	**ARTICLE/CHAPTER**	**DOI Link**
2	2019	Environmental health perspectives 127 (01), 014501	Article	https://doi.org/10.1289/EHP4555
3	2019	Analytical and bioanalytical chemistry, 1-17	Article	https://doi.org/10.1007/s00216-018-1526-4
4	2018	Analytical and bioanalytical chemistry, 1-14	Article	https://doi.org/10.1007/s00216-018-1435-6
5	2018	Journal of cheminformatics 10 (1), 10	Article	https://doi.org/10.1186/s13321-018-0263-1
6	2018	Journal of cheminformatics 10 (1), 45	Article	https://doi.org/10.1186/s13321-018-0299-2
7	2018	Environmental Science and Technology	Article	https://doi.org/10.1021/acs.est.8b04587
8	2018	Science of The Total Environment 636, 901-909	Article	https://doi.org/10.1016/j.scitotenv.2018.04.266
9	2018	SCIENTIFIC DATA 5:180125	Article	https://doi.org/10.1038/sdata.2018.125
10	2018	Talanta 182, 371-379	Article	https://doi.org/10.1016/j.talanta.2018.01.022
11	2018	Environmental Pollution 234, 297-306	Article	https://doi.org/10.1016/j.envpol.2017.11.033
12	2018	Drug discovery today 23 (3), 661-672	Article	https://doi.org/10.1016/j.drudis.2018.01.018
13	2018	Computational Toxicology: Risk Assessment for Chemicals, 211-244	Chapter	https://doi.org/10.1002/9781119282594.ch8
14	2018	Environmental science & technology 52 (5), 3125-3135	Article	https://doi.org/10.1021/acs.est.7b04781
15	2018	Magn Reson Chem. 2018;56:703–715	Article	https://doi.org/10.1002/mrc.4737
16	2018	ACS Sustainable Chemistry & Engineering 6 (2), 2344-2352	Article	https://doi.org/10.1021/acssuschemeng.7b03795
17	2017	Journal of exposure science & environmental epidemiology, 1	Article	https://doi.org/10.1038/s41370-017-0012-y

Publications Presentations Datasets

EPA United States Environmental Protection Agency

ResearchGate for Networking

Antony John Williams

45.02 · PhD · Edit

Add new research

Overview | Research | Info | Stats | Scores | Research you follow

Introduction

Edit

I am presently a Computational Chemist at the National Center for Computational Toxicology with the US Environmental Protection Agency in Research Triangle Park, North Carolina. I am one of the founders of the ChemSpider database (http://www.chemspider.com),one of the top chemistry databases in the world that was acquired by the Royal Society of Chemistry in 2009. Prolific author with almost 200 peer-reviewed scientific publication and book chapters, 3 patents and 100s of public presentations.

Skills and expertise (29) Edit

Medicinal and Pharmaceutical Chemistry | Spectroscopy | Analytical Chemistry | Drug Discovery

Stats overview

View all

3,373 Total Research Interest	5,570 Citations
92 Recommendations	33,618 Reads

Affiliation

Edit

United States Environmental Protection Agency

Location
United States

Department
National Center for Computational Toxicology

Position
Computational Chemist

Russell Scott Thomas's Lab

Lab head
Russell Scott Thomas

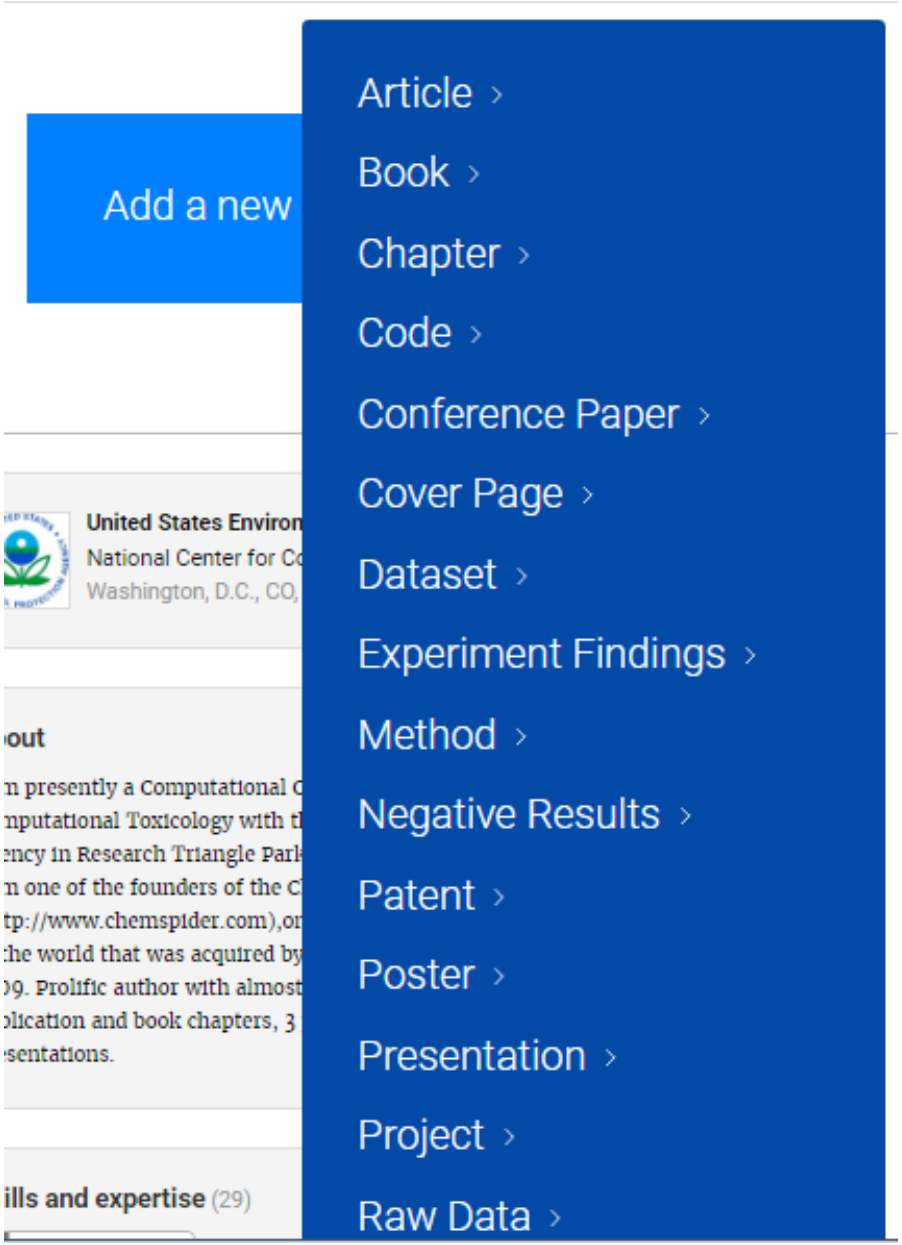
Lab members (6)

View lab Edit

Awarded grants (0)

Office of Developmer

Add MANY Flavors of Research



ResearchGate for Sharing a PROJECT

United States Environmental Protection Agency

Home Questions Jobs Funding Beta Search for researchers, publications, and r

Project

The CompTox Chemicals Dashboard

Antony John Williams · Christopher M Grulke · Mansouri Ka

Goal: The CompTox Chemicals Dashboard is a web-based application tl chemistry and biology data of different types including experimental an and fate and transport data, in vivo and in vitro toxicity data, real time pr across approaches. The dashboard, available at https://comptox.epa.gc data for 875,000 chemicals as of March 2019

Date: 30 March 2016

Lab: Russell Scott Thomas's Lab

You
added an **update**

New update to CompTox Chemicals Dashboard rel March 2019

An update to the dashboard has been released in March 2019 to coincide with t of Toxicology and American Chemical Society Spring meetings. Six months of e resulted in the addition of 110,000 new chemical substances being added (brin total of chemical substances to 876k), improved support for Toxcast bioassay d (integrating data from the invitroDB_v3 release), the addition of multiple chemic new user interface enhancements across the application. A list of release notes available for review at https://comptox.epa.gov/dashboard/comptox_release_n

comptox_release_notes.pdf · 48.41 KB

Comment Share

You
added **2 research items**

Dec 26, 2018

EPA's non-targeted analysis collaborative trial (ENTACT): genesis, design, and initial findings

Article Dec 2018

Elin M Ulrich · Jon R. Sobus · Christopher M Grulke · [...] · Antony John Williams

In August 2015, the US Environmental Protection Agency (EPA) convened a workshop entitled "Advancing non-targeted analyses of xenobiotic chemicals in environmental and biological media." The purpose of the workshop was to bring...

Upload full-text 1 Recommendation · 80 Reads · 3 Citations

"MS-Ready" structures for non-targeted high-resolution mass spectrometry screening studies

Source

Article Dec 2018

Andrew McEachran · Mansouri Kamel · Christopher M Grulke · [...] · Antony John Williams

Chemical database searching has become a fixture in many non-targeted identification workflows based on high-resolution mass spectrometry (HRMS). However, the form of a chemical structure...

View 6 Recommendations · 273 Reads · 2 Citations

ResearchGate for Networking

Stats overview

3,382	5,573	94	33,878
Research Interest	Citations	Recommendations	Reads
More details	View	Show breakdown	Show breakdown

Reads	33,878
Project reads	290
Question reads	11
Answer reads	693
Publication reads	32,884

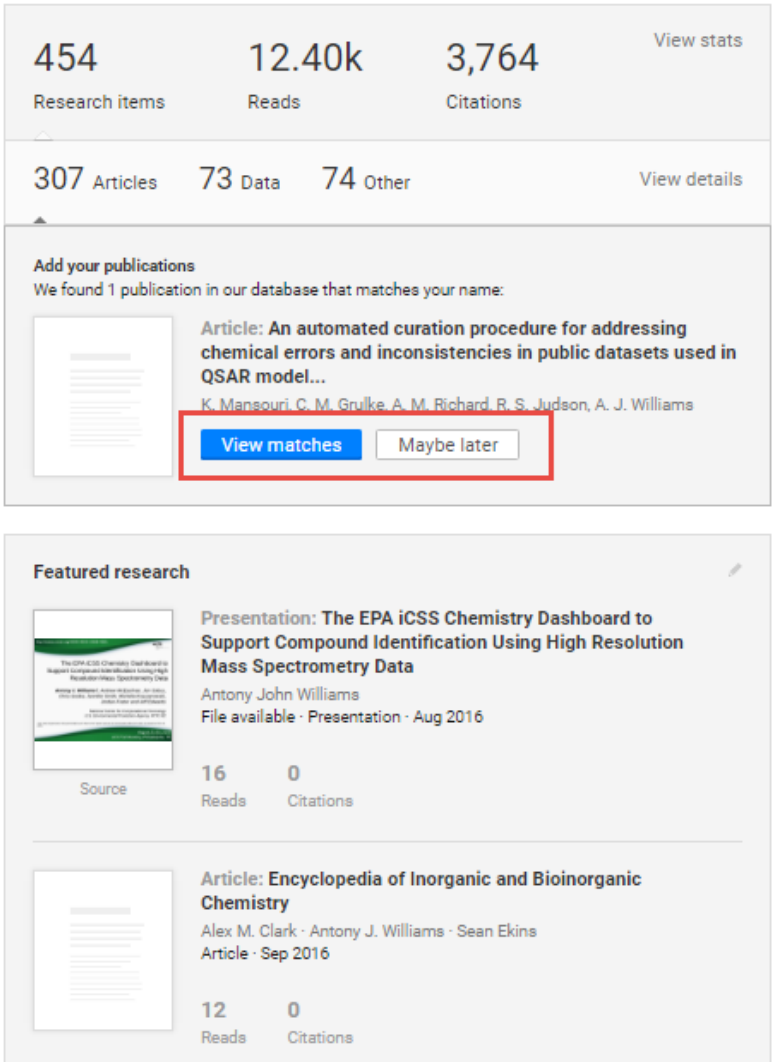
Jobs you may be interested in — View more

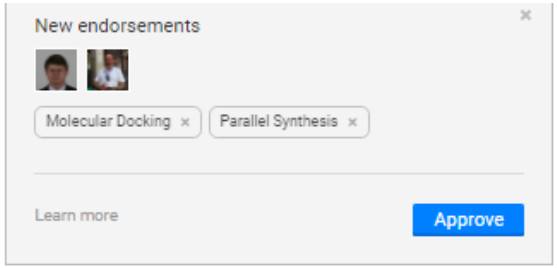
Modeling and Simulation of Chemical Systems for Clean Energy Transportation Research Scientist
Oak Ridge National Laboratory
Knoxville, Tennessee, United States

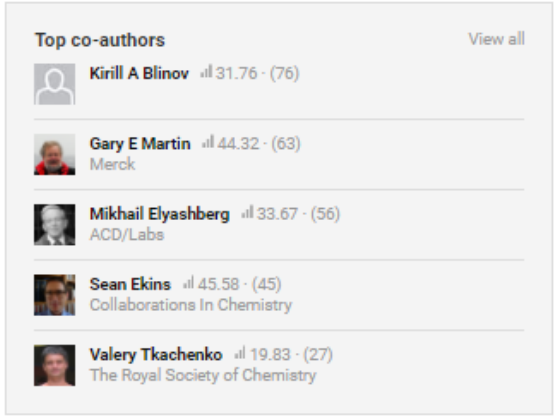
Principal Scientist, Cancer Biology

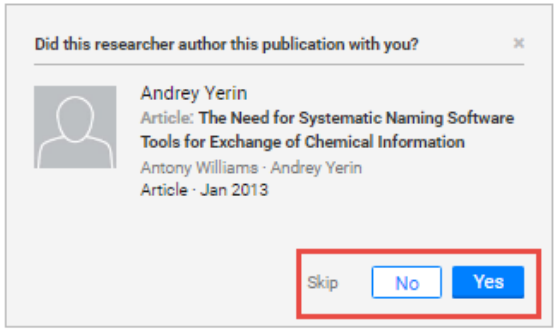
With **155 new downloads**, you were the **most downloaded** researcher from your department last week

Prompts you to Improve Your Profile



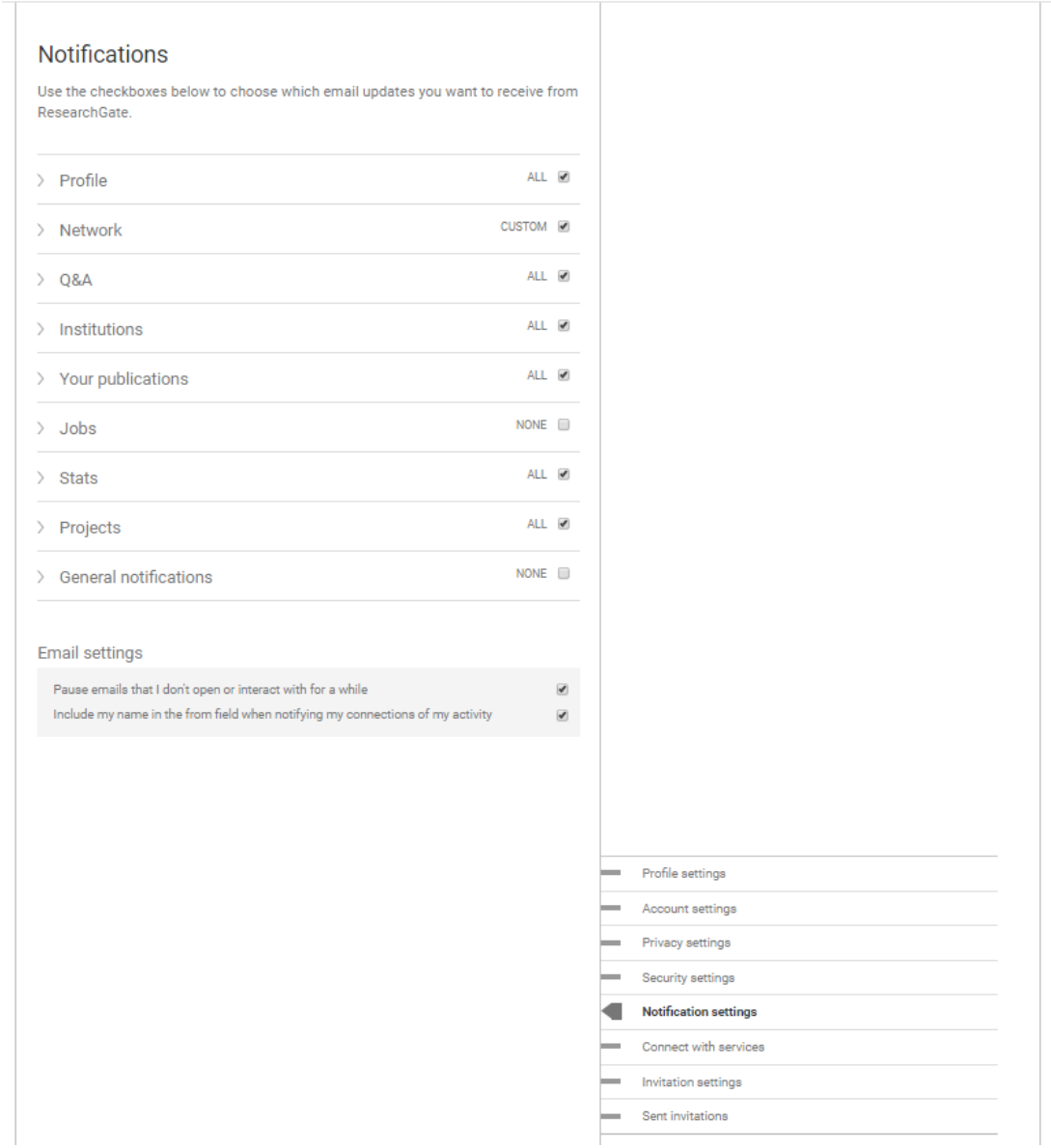






“I won’t use it I get too many emails”

https://www.researchgate.net/account.AccountNotificationSettings.html



Academia.edu

https://rsc.academia.edu/AntonyWilliams

Antony J Williams

United States Environmental Protection Agency, National Center of Computational Toxicology, Faculty Member edit

Research Interests: Chemistry, Nuclear Magnetic Resonance, Cheminformatics, Drug discovery and Cheminformatics, Collaborative Design, Analytical Chemistry, and E Science

About: My passion is connecting people to chemistry. Over the past decade I held many jobs and responsibilities including th... more

Edit

About

Papers 129

Books 4

Conference Presentations 67

Book Chapters 10

Posters 3

Magazine Article 1

Non-conference Presentations 8

+ Add Section

+ Add Post

CV

PAPERS + Add Paper Reorder

Serving the medicinal chemistry community with Royal Society of Chemistry cheminformatics platforms more — 138

Download

Dispensing Processes Impact Apparent Biological Activity as Determined by Computational and Statistical Analyses more — 26

Download

Optimization of the Ugi reaction using parallel synthesis and automated liquid handling more — 19

Download

top 0.5% by 30-day views

21,689 total views

850 followers

48 Following

Recent Activity

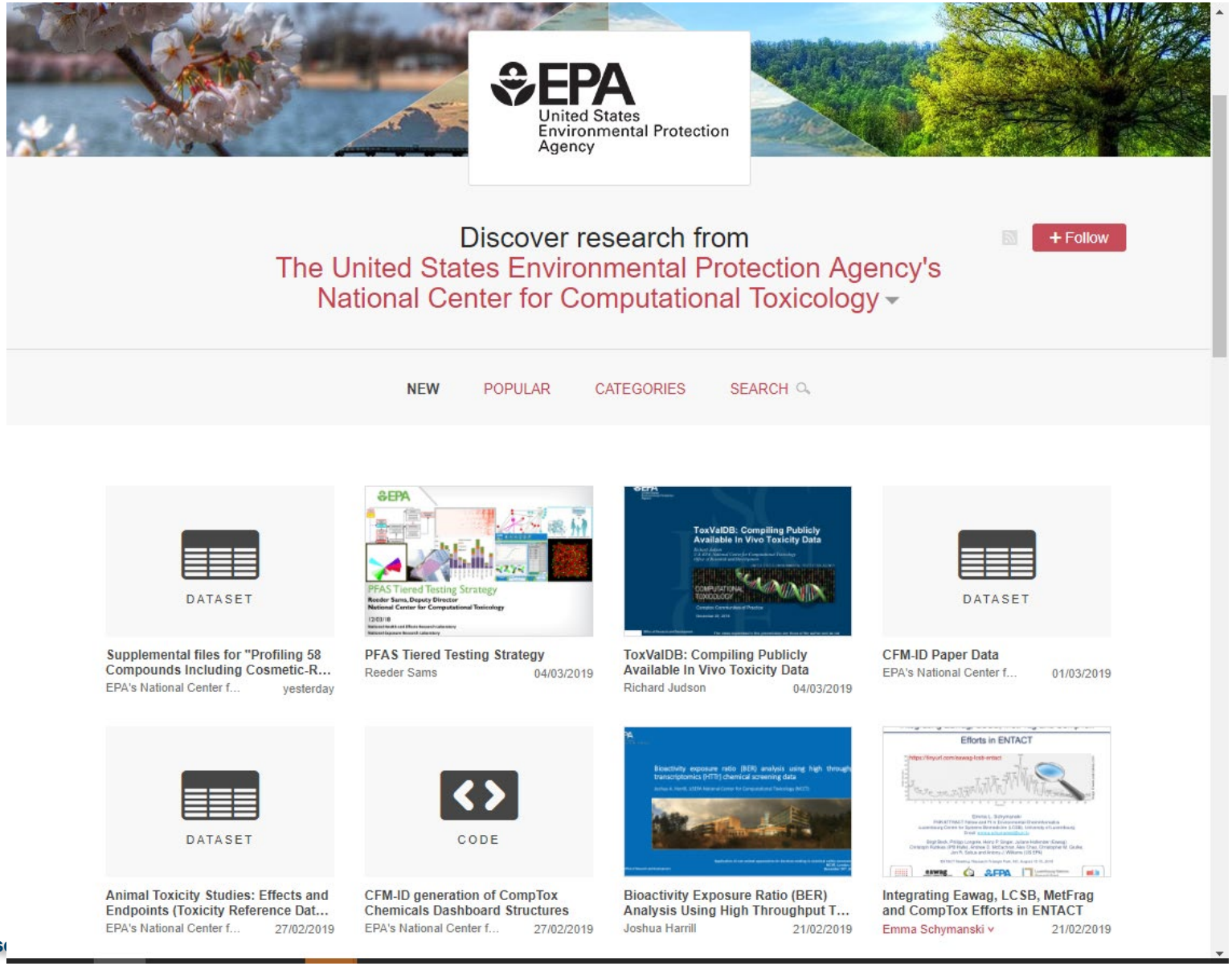
Antony started following the work of Jon Weinberg. about a month ago

Antony added a conference presentation and a paper 4 months ago

Antony joined the department National Center of Computational Toxicology. 4 months ago

View more activity

What about “Data Sharing”?



Supplementary Data Access

Download (284.06 MB) Share Cite Embed + Collect

EPA Comptox Chemistry Dashboard "MS-Ready" File of Structures

17.02.2017, 11:27 by Antony Williams

The EPA CompTox Chemistry Dashboard (at https://comptox.epa.gov) can be used by mass spectrometrists for the purpose of structure identification. A normal formula search would search the exact formula associated with any chemical, whether it include solvents of hydration, salts or multiple components. However, mass spectrometry detects ionized chemical structures and molecular formulae searches should be based on desalted, and desolvated structures with stereochemistry removed. We refer to these as "MS ready structures" and the MS-ready mappings are delivered as Excel Spreadsheets containing the Preferred Name, CAS-RN. DTXSID, Formula, Formula of the MS-ready structure and associated masses, SMILES and InChI Strings/Keys.

REFERENCES

- http://link.springer.com/article/10.1007/s00216-016-0139-z

203 views | 34 downloads | 0 citations

3

CATEGORIES

- Cheminformatics
- Cheminformatics and Quantitative Structure-Activity Relationships
- Analytical Spectrometry

KEYWORD(S)

Chemistry | Mass Spectrometry | Cheminformatics

LICENCE

CC-0

"Personal Data Sharing"?

figshare

Browse | Search on figshare... | Log in | Sign up

Antony Williams

0000-0002-2668-4821 + Follow

Computational Chemist, National Center for Computational Toxicology, US-EPA (Chemistry)

United States

128329 item views	26456 item downloads	10 citations

Over the past decade I held many responsibilities including the direction of the development of scientific software applications for spectroscopy and general chemistry, directing marketing efforts, sales and business development collaborations for the company. Eight years experience of analytical laboratory leadership and management. Experienced in experimental techniques, implementation of new NMR technologies, walk-up facility management, research and development, manufacturing support and teaching. Ability to provide situation analysis, creative solutions and establish good working relationships. Prolific author with over a hundred and fifty peer-reviewed

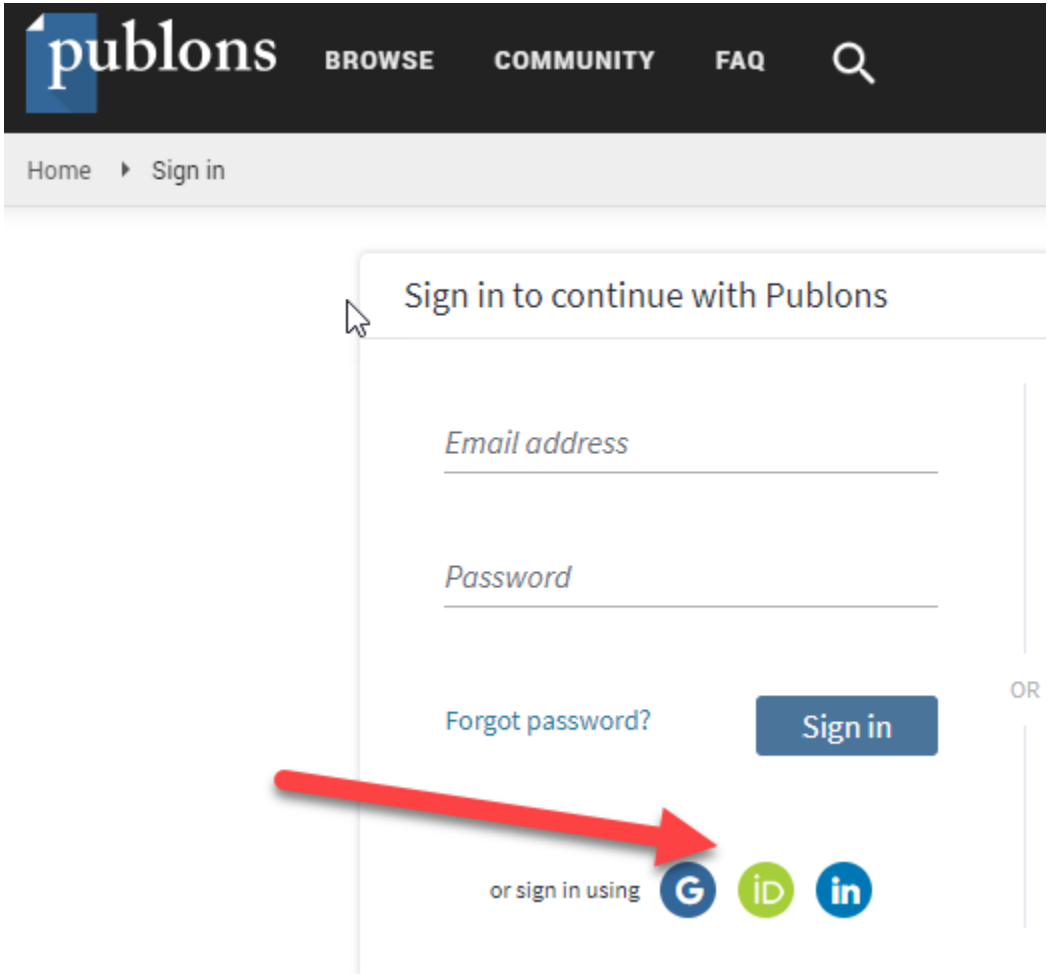
Co-workers & collaborators

- Chris Grulke
- Valery Tkachenko
- Andrew McEachran
  ORISE Postdoctoral Fellow
  Research Triangle Park, NC
- Sean Ekins
  senior consultant
  Fuquay Varina, NC, USA
- Jon Sobus
- Kirill Blinov

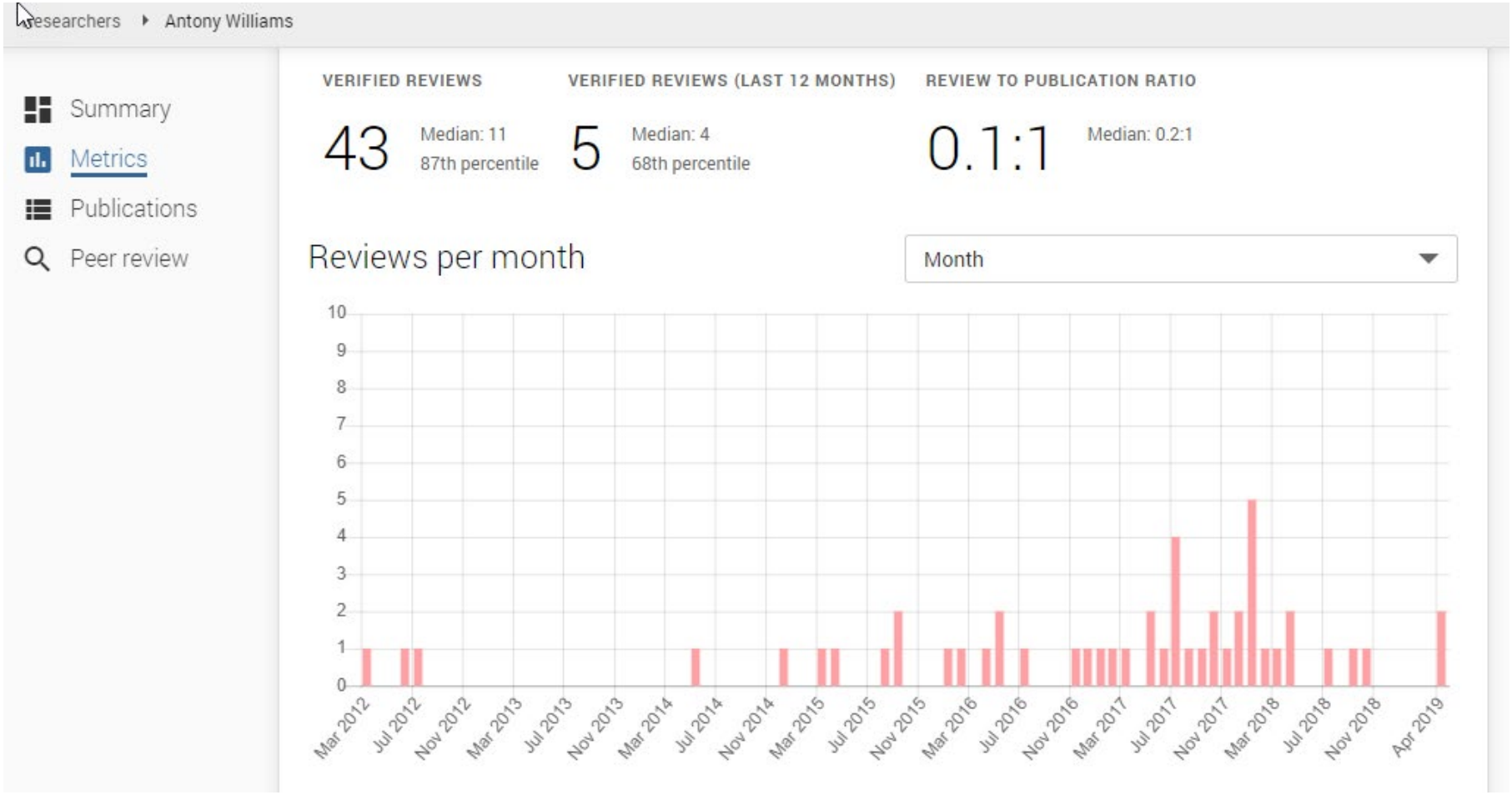
Credit for Reviewing Papers?

EPA United States Environmental Protection Agency

ORCID as a core identifier

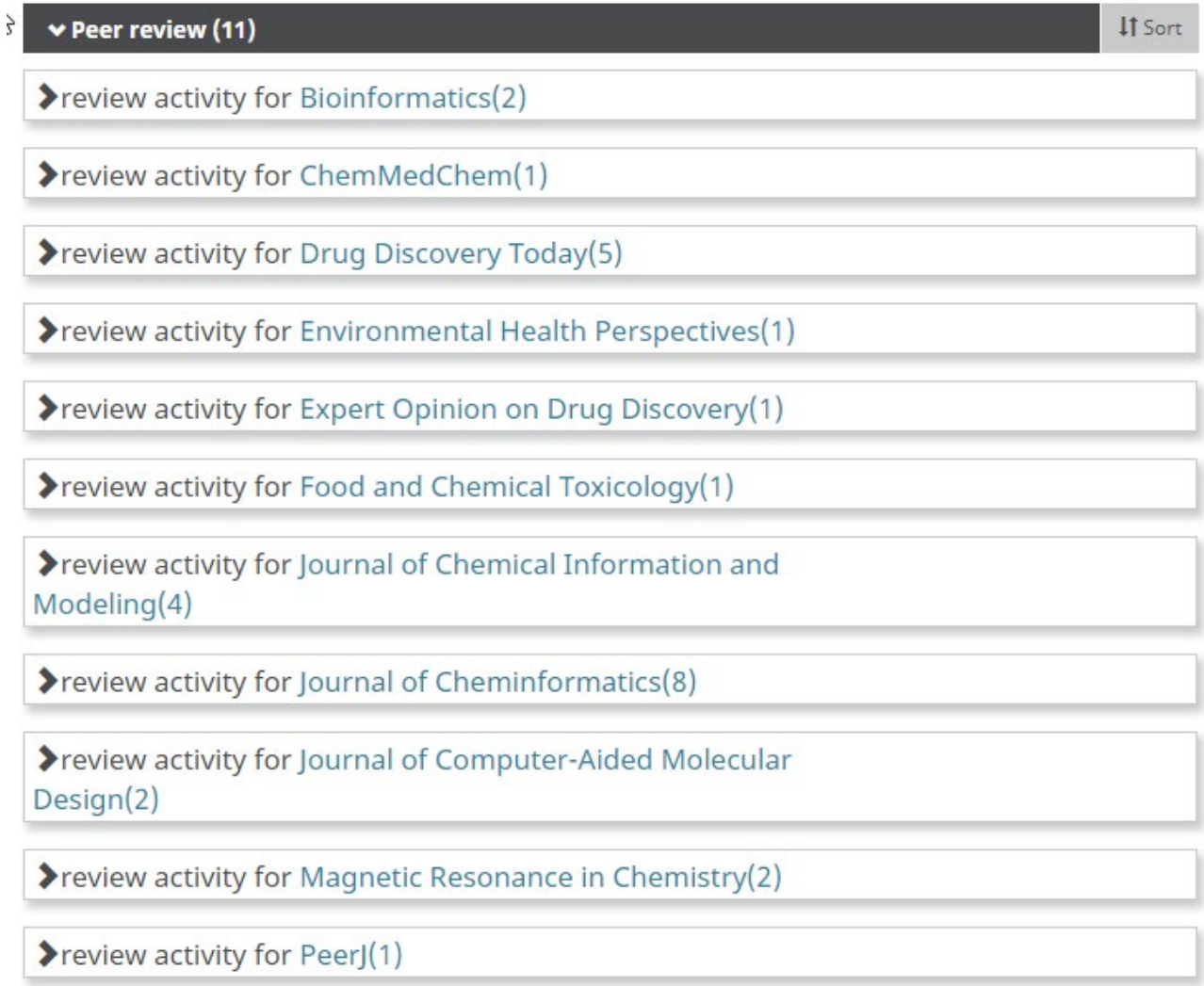


Your PUBLIC review record



United States Environmental Protection Agency

Linked in ORCID too..

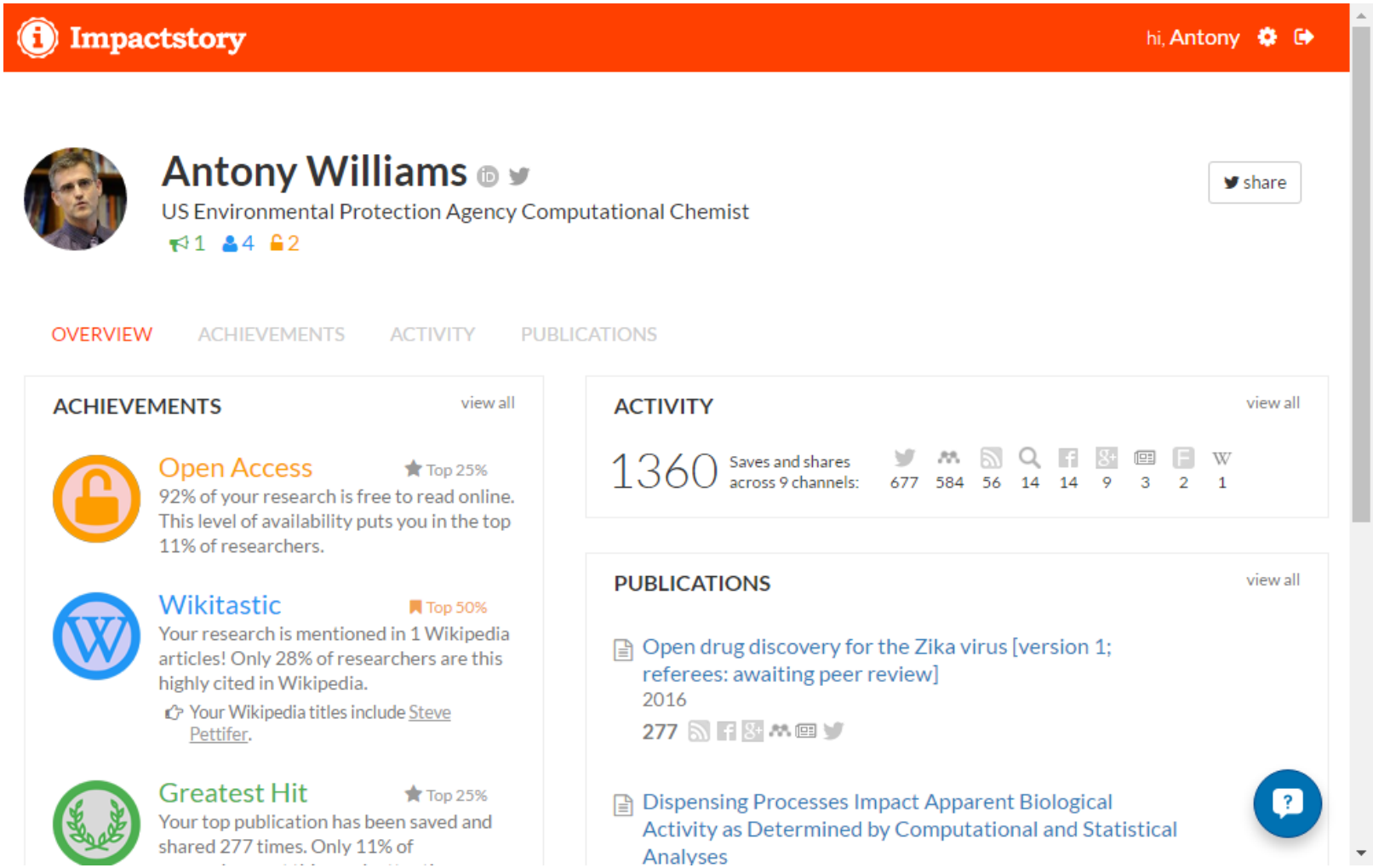


Alt-Metrics Manifesto

http://altmetrics.org/manifesto/

ImpactStory.

https://impactstory.org/u/0000-0002-2668-4821



Antony Williams

US Environmental Protection Agency Computational Chemist

1 4 2

share

OVERVIEW ACHIEVEMENTS ACTIVITY PUBLICATIONS

100 PUBLICATIONS

+ Add publications

Open drug discovery for the Zika virus [version 1; referees: awaiting peer review] [full text]
2016
277

Dispensing Processes Impact Apparent Biological Activity as Determined by Computational and Statistical Analyses [full text]
2013 *PLoS ONE*
262

Parallel Worlds of Public and Commercial Bioactive Chemistry Data [full text]
2015 *J. Med. Chem.*
131

impactstory.org/u/0000-0002-2668-4821/publications

Filter by genre

articles (25)
others (15)
undefineds (59)
book (1)

Coauthors

Egon Willighagen
Niklas Blomberg
Christopher Southan
Steve Pettifer
Christopher Lipinski
Jeremy Frey

Dispensing Processes Impact Apparent Biological Activity as Determined by Computational and Statistical Analyses

Sean Ekins, Joe Olechno, Antony J. Williams, Alexandre G. de Brevern
2013 PLoS ONE

Free fulltext available

SAVED AND SHARED 262 TIMES

73 Mendeley saves
since this article's publication in 2013

Mendeley is a reference manager, like Endnote. For privacy reasons, they conceal identifiable timeline and user information. Some summary info is available on Mendeley's website

3 tweets click to show
2 months ago

Discover when your work is discussed & shared online - Raising Your Scholarly Profile - LibGuides at Duquesne University
5 months ago by *Research Tools*
Dispensing Processes Impact Apparent Biological Activity as Determined by…

2 tweets click to show

Filter by activity

- Tweets (159)
- Mendeley saves (73)
- Blog posts (20)
- Google+ posts (4)
- News mentions (2)
- Public peer reviews (2)
- F1000 reviews (1)
- Facebook pages (1)

AltMetric Scores and "Donuts"

Does Social Media Work? Andrew McEachran thinks so

Analytical and Bioanalytical Chemistry
March 2017, Volume 409, Issue 7, pp 1729–1735

Identifying known unknowns using the US EPA's CompTox Chemistry Dashboard

Close ×

Blogged by 2
Tweeted by 18
Referenced in 2 Wikipedia pages
Reddited by 1
On 1 videos
Click for more details

Authors | Authors and affiliations

Andrew D. McEachran, Jon R. Sobus, Antony J. Williams

Rapid Communication

First Online: 16 December 2016
DOI: 10.1007/s00216-016-0139-z

Cite this article as:
McEachran, A.D., Sobus, J.R. & Williams, A.J. Anal Bioanal Chem (2017) 409: 1729. doi:10.1007/s00216-016-0139-z

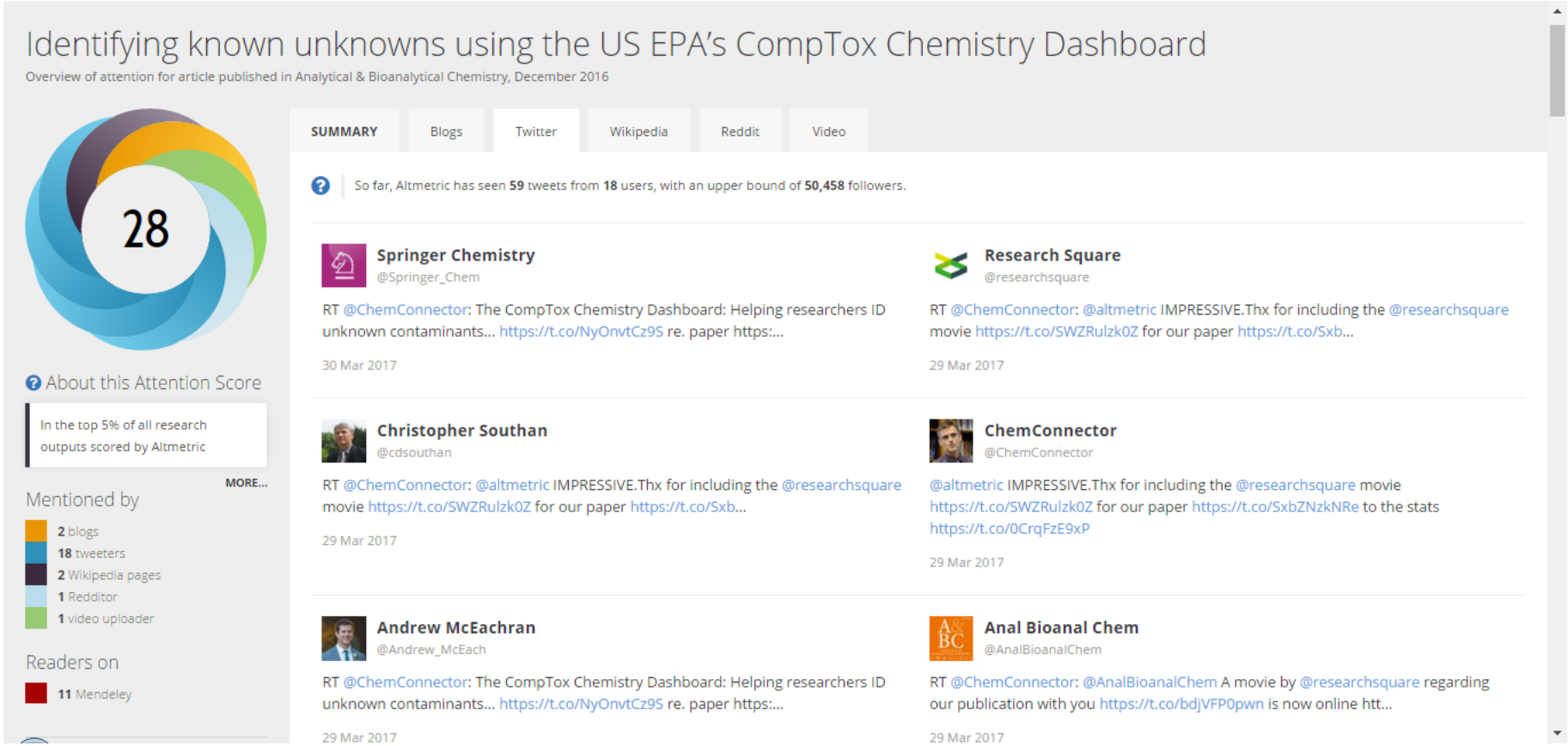
66 Shares

774 Downloads

EPA United States Environmental Protection Agency

AltMetricIt Bookmarklet

https://www.altmetric.com/products/free-tools/bookmarklet/



Google Scholar Tracks Publications and Citations

Change photo

Antony John Williams, 0000-0002-2668-4821

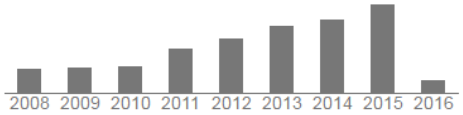
Edit | Follow

National Center of Computational Toxicology, Environmental Protection Agency
Chemistry, Cheminformatics, Nuclear Magnetic Resonance, Drug Discovery
Verified email at epa.gov - Homepage
My profile is public

Title	Add	More	1–20	Cited by	Year
ChemSpider: an online chemical information resource HE Pence, A Williams Journal of Chemical Education 87 (11), 1123-1124				186	2010
Open PHACTS: semantic interoperability for drug discovery AJ Williams, L Harland, P Groth, S Pettifer, C Chichester, EL Willighagen, ... Drug discovery today 17 (21), 1188-1198				146	2012
In silico repositioning of approved drugs for rare and neglected diseases S Ekins, AJ Williams, MD Krasowski, JS Freundlich Drug discovery today 16 (7), 298-310				118	2011
Major structural components in freshwater dissolved organic matter B Lam, A Baer, M Alaee, B Lefebvre, A Moser, A Williams, AJ Simpson Environmental science & technology 41 (24), 8240-8247				93	2007
Online chemical modeling environment (OCHEM): web platform for data storage, model development and publishing of chemical information I Sushko, S Novotarskyi, R Körner, AK Pandey, M Rupp, W Teetz, ... Journal of computer-aided molecular design 25 (6), 533-554				86	2011
Identification of "Known Unknowns" Utilizing Accurate Mass Data and ChemSpider J Little, A Williams, V Tkachenko, A Pshenichnov Journal of the American Society of Mass Spectrometry 23 (1), 179-185				82 *	2012

Google Scholar

Citation indices	All	Since 2011
Citations	4071	2688
h-index	35	27
i10-index	106	78



Co-authors Edit...

Kirill Blinov
Sean Ekins
Mikhail Elyashberg
Valery Tkachenko
Gary E. Martin
Alex M. Clark
Carole Goble
Lee Harland
Egon Willighagen
Andrew SID Lang 0000-0002-9922-14...
Chris Evelo
Yegor Smurnyy
Paul Groth
Tatiana Churanova

http://scholar.google.com/citations?user=O2L8nh4AAAAJ

NOISE in Your Google Citations Profile

http://tinyurl.com/hyz4aba

EXPERIENCE WITH NASAL POSITIVE AIRWAY PRESSURE IN SLEEP-APNEA AJ WILLIAMS, S SANTIAGO, E PRESCOTT CLINICAL RESEARCH 33 (1), A83-A83			1985
COMPARISON OF LUNG-FUNCTION IN IDENTICAL-TWINS DISCORDANT FOR SMOKING AJ WILLIAMS, J CHOU, J KINNEY CLINICAL RESEARCH 32 (2), A438-A438			1984
OBSTRUCTIVE AIRWAYS DISEASE IN RHEUMATOID-ARTHRITIS (RA) AJ WILLIAMS, T PIETUCK, R CONSTANZ, J CHOU, J KINNEY CLINICAL RESEARCH 30 (2), A439-A439			1982
Analysis of the energy resources and demand of Western Europe. Final technical report, Jun 1974--Mar 1975 JF Schneider, KD Dance, RC Lind, RB Ryan, AR Williams Science Applications, Inc., McLean, Va.(USA)			1975
An investigation into the motions of ships at sea AJ Williams Trans. INA 95, 70		12	1953
Miscellanies in Prose and Verse A Williams, S Johnson T. Davies		12	1766

Check your profile data

United States Environmental Protection Agency

☐	Computer-assisted structure verification and elucidation tools in NMR-based structure elucidation ME Elyashberg, AJ Williams, GE Martin Progress in Nuclear Magnetic Resonance Spectroscopy 53 (1), 1-104	86	2008
☐	Improved baseline recognition and modeling of FT NMR spectra S Golotvin, A Williams Journal of Magnetic Resonance 146 (1), 122-125	76	2000
☐	Internet-based tools for communication and collaboration in chemistry AJ Williams Drug discovery today 13 (11), 502-506	73	2008
☐	Sleep health New South Wales: chronic sleep restriction and daytime sleepiness DJ Bartlett, NS Marshall, A Williams, RR Grunstein Internal medicine journal 38 (1), 24-31	67	2008
☐	Carbon-carbon double-bond formation reductive coupling promoted by a monc Preparation and characterization of two R Duchateau, AJ Williams, S Gambarotta, MY Inorganic Chemistry 30 (25), 4863–4866		
☐	Public chemical compound databases AJ Williams Current Opinion in Drug Discovery and Develo		
☐	The use of NMR to study sodium dodec DD Miller, W Lenhart, BJ Antalek, AJ Williams, Langmuir 10 (1), 68-71		

Google Scholar

Edit | Export

Antony John Williams, 0000-0002-2668-4821

Sleep health New South Wales: chronic sleep restriction and daytime sleepiness

Authors	DJ Bartlett, NS Marshall, A Williams, RR Grunstein
Publication date	2008/1/1
Journal	Internal medicine journal
Volume	38
Issue	1

Add Articles that Are Missed

SAVE | Cancel

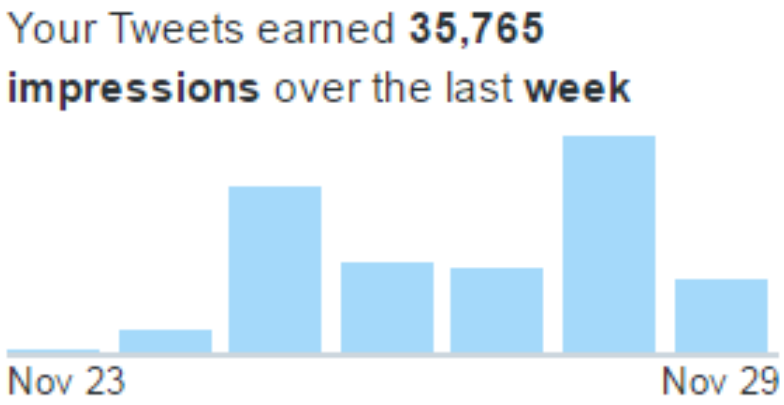
Journal | Conference | Chapter | Book | Thesis | Patent | Court case | Other

Title	An automated curation procedure for addressing chemical errors and inconsistencies in public datasets
Authors	K. Mansouri, C. Grulke, A. Richard, R. Judson and A.J. Williams
	For example: Patterson, David; Lamport, Leslie
Publication date	2016/11/25
	For example, 2008, 2008/12 or 2008/12/31.
Journal	SAR and QSAR in Environmental Research
Volume	27
Issue	11
Pages	911-937
Publisher	Taylor and Francis

SAVE | Cancel

Try Twitter

- 140 characters to connect and communicate
- Use a “brand name” on Twitter
- Greatest value for **me** – leading people into information I wish to share including my presentations and publications
- Think amplification of your work….



Use Twitter to Awaken Old Articles

chromocyte
@chromocyte

Latest #FlowCytometry News: A methodology for exploring biomarker – phenotype a... https://t.co/xzWe6v5G1S, see more https://t.co/R1KR1crJG3

06:28PM

ChemConnector
@ChemConnector

A methodology for exploring biomarker – phenotype associations: application to flow cytometry... https://t.co/XgxrEeo9JY #bmcbioinformatics

04:59PM

GeneSetPapers
@geneset_papers

A methodology for exploring biomarker - phenotype associations: application to flow cytometry data and systemic... http://t.co/xz2n8kvkU4

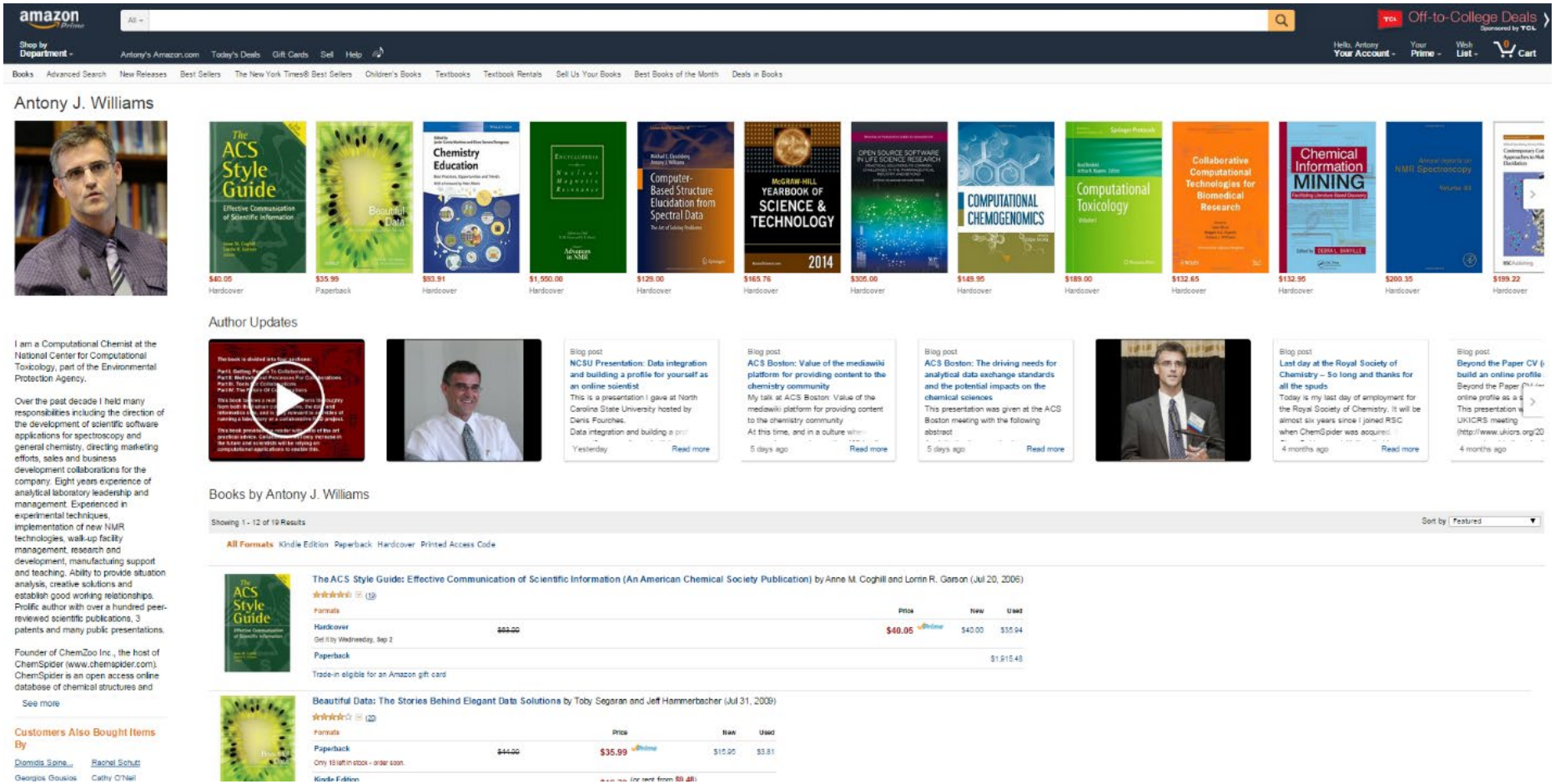
17 Sep 2015

Bioinformatics Feeds
@BioinformaticsP

BMC: A methodology for exploring biomarker – phenotype associations: application to flow cytometry data and sy... http://t.co/05zDXAiNyt

16 Sep 2015

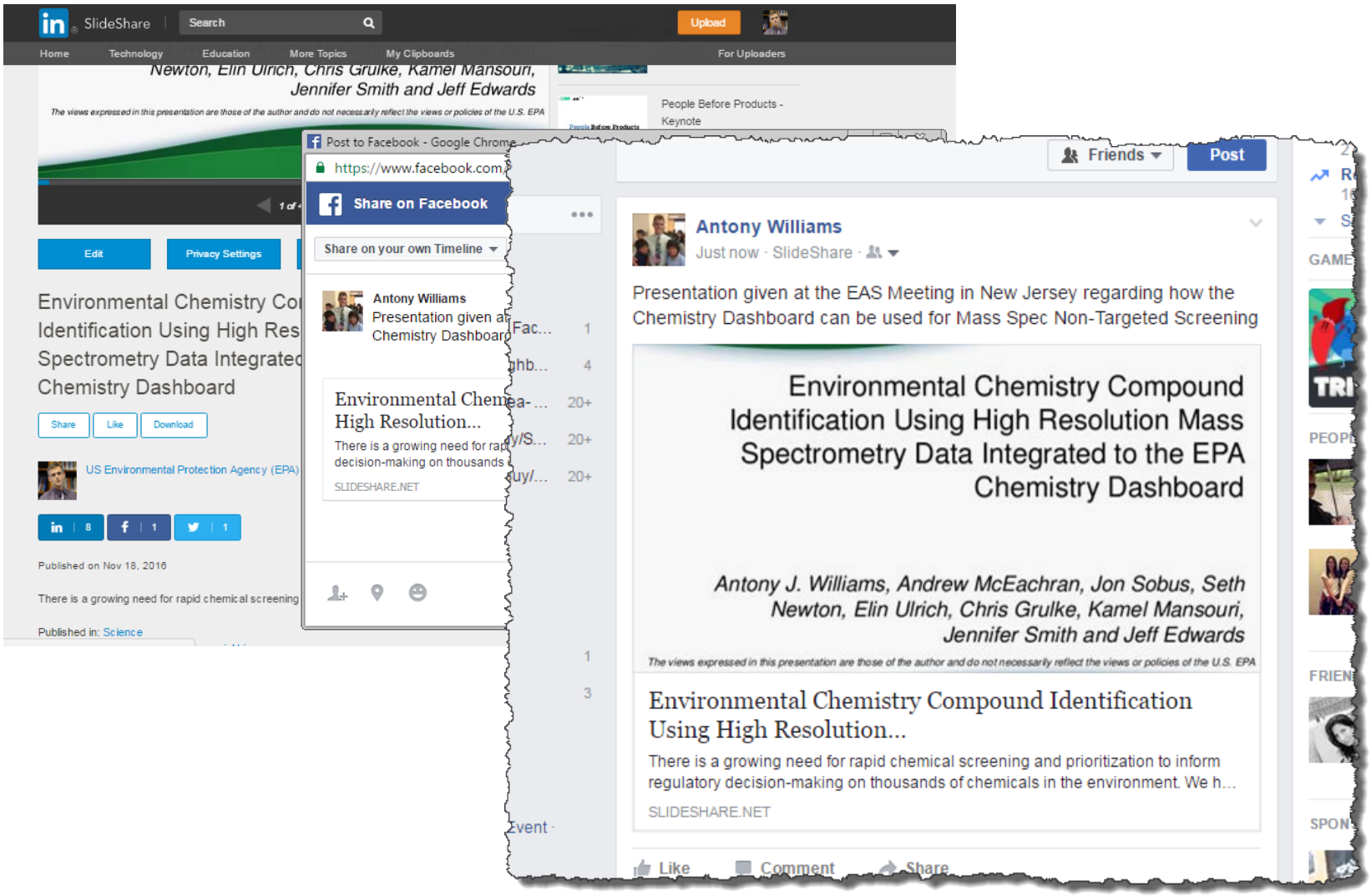
Book Chapters on Amazon



Facebook

- I personally use Facebook for “friends and family” – but since many of my friends are scientists…
  - I share my blog posts
  - I share links to my papers
  - I share my presentations directly from SlideShare

Facebook


SlideShare
Search
Upload
Home
Technology
Education
More Topics
My Clipboards
For Uploaders
Newton, Elin Ulrich, Chris Grulke, Kamel Mansouri, Jennifer Smith and Jeff Edwards
The views expressed in this presentation are those of the author and do not necessarily reflect the views or policies of the U.S. EPA
People Before Products - Keynote
Edit
Privacy Settings
Environmental Chemistry Co
Identification Using High Res
Spectrometry Data Integrated
Chemistry Dashboard
Share
Like
Download
US Environmental Protection Agency (EPA)
Published on Nov 18, 2016
There is a growing need for rapid chemical screening
Published in: Science
Post to Facebook - Google Chrome
https://www.facebook.com
Share on Facebook
Share on your own Timeline
Antony Williams
Presentation given at
Chemistry Dashboard
Environmental Chem
High Resolution...
There is a growing need for rap
decision-making on thousands
SLIDESHARE.NET
Friends
Post
Antony Williams
Just now · SlideShare
Presentation given at the EAS Meeting in New Jersey regarding how the Chemistry Dashboard can be used for Mass Spec Non-Targeted Screening
Environmental Chemistry Compound Identification Using High Resolution Mass Spectrometry Data Integrated to the EPA Chemistry Dashboard
Antony J. Williams, Andrew McEachran, Jon Sobus, Seth Newton, Elin Ulrich, Chris Grulke, Kamel Mansouri, Jennifer Smith and Jeff Edwards
The views expressed in this presentation are those of the author and do not necessarily reflect the views or policies of the U.S. EPA
Environmental Chemistry Compound Identification Using High Resolution...
There is a growing need for rapid chemical screening and prioritization to inform regulatory decision-making on thousands of chemicals in the environment. We h...
SLIDESHARE.NET
Like
Comment
Share

Branding: I am ChemConnector

ChemConnector Blog
www.chemconnector.com/ Share
This weekend I spent some time with my boys teaching them a little more Kitchen Chemistry. I've been doing a whole series of kitchen chemistry experiments but ...

RTP Cheminformatics Group
RTP Cheminformatics Group. Welcome to the Research ...

Chair, ACS Div Chem. Inform.
Chair, ACS Div Chem. Inform. I am presently the chair-elect for the ...

Tony
Over the past decade I held many responsibilities including the ...

Publications and Presentations
Posted by tony in Open Science..all its forms, Publications and ...

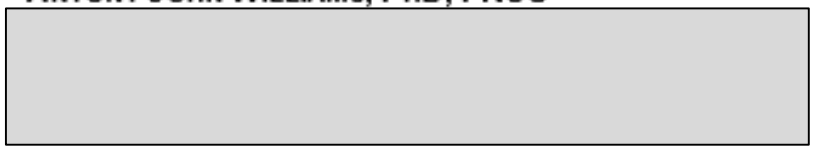
My Curriculum Vitae
Inform. My Curriculum Vitae · Publications · RTP ...

Uncategorized
At RSC we are involved with a number of projects utilizing ...

My Primary CV is my Blog

But the top of my CV…

ANTONY JOHN WILLIAMS, PHD, FRSC



Blog: http://www.chemconnector.com

Complete CV: http://www.chemconnector.com/antonywilliams_cv/

Google Citations: http://scholar.google.com/citations?user=O2L8nh4AAAAJ

LinkedIn profile: http://www.linkedin.com/in/antonywilliams

ImpactStory AltMetrics: http://impactstory.org/ChemConnector

SlideShare profile: http://www.slideshare.net/AntonyWilliams

Wikipedia profile: http://en.wikipedia.org/wiki/Antony_John_Williams

Amazon Author Page: http://www.amazon.com/Antony-J.-Williams/e/B004YRPRV2

Publons Profile Page: https://publons.com/author/306575/antony-williams#profile

SUMMARY SCIENTIST, ONLINE CHEMISTRY EVANGELIST AND SENIOR EXECUTIVE

- Experienced in senior leadership and management
- Expert at bridging science and community
- Thought leader and evangelist for "Open Access Chemistry"

EPA United States Environmental Protection Agency

What Next?
My Recommendations

- Register for an ORCID ID
- **Enhance** your LinkedIn profile
- Use Google Scholar Citations and **curate**
- **Choose**: ResearchGate **or** Academia.edu
- **Use:** Publons

- **Participate** building your profile – share data, papers, presentations, etc..

EPA United States Environmental Protection Agency

What I said…

http://www.nature.com/news/kudos-promises-to-help-scientists-promote-their-papers-to-new-audiences-1.20346

…choose **two or three** social-media platforms, invest the time to get them set up, and then spend perhaps **two hours a month** keeping them current. If nothing else, he says, build a **LinkedIn** profile as an online CV, claim and update an **ORCID ID**, and log peer-review activities on **Publons.com**.

…a research paper is itself the end product of an extraordinary investment of time and energy. It takes thousands of hours of research, data analysis, writing and peer review, he says. "**Shouldn't you** put at least 10 to 20 hours of work into making sure that you can **get the message out to relevant people**?"

Various Versions of This Talk

www.slideshare.net/AntonyWilliams

Email: williams.antony@epa.gov