The HKU Scholars Hub The University of Hong Kong 香港大學學術庫



Title	Beyond bibliographic metadata, augmenting the HKU IR
Author(s)	Palmer, DT; Lo, CY; Liu, E
Citation	Open Repositories 2012, Edinburgh, UK, 9 July 2012
Issued Date	2012
URL	http://hdl.handle.net/10722/152525
Rights	

David Palmer, Chun-yue Lo, Eliot Liu The University of Hong Kong (HKU) Open Repositories 2012

# **Beyond Bibliographic Metadata** Nugmenting the HKU IR C3

# New Mission: Knowledge Exchange (KE)

50 To make HKU research, skill and scholars highly visible!

- ∞ With the expectation that KE indicators will increase,
  - Collaborative research
  - Contract research
  - Media contact
  - Consultation
  - E-science
  - 。 等々

## Augmentation Begins,

- ∞ DSpace
- Development partner: CILEA of Italy
- ۶ So,
  - Publication data great but..,
- so Augmenting thin & dirty publication data with,
  - Clean & full metadata
  - Author profiles → "ResearcherPages"
  - Grants
  - o Patents
  - 。 等々



Home

The University of Hong Kong

ResearcherPages



Publications



Grants





Knowedge Exchange Initiative, The Hub strives to make HKU authors and their research very visible, with the goal of increasing all forms of collaboration.

The HKU Scholars Hub is the institutional repository of The University of Hong Kong. As a key vehicle of HKU's

Patents

Do you want to see your publications in the Hub?

Please

CONTACT

US

#### QUICK SEARCH OF THE HUB &

>

1

Search the author, title, abstract and series fields.

. . .

#### FEATURED SCHOLAR



#### Dr Hau, TD

Research Interests:

Associate Professor

Transportation economics
 Public finance

#### HUB NEWS 🔊

Theses (HKUTO)

Jun 2012: HKU Knowledge Exchange Non-Academic Prize awarded to David Palmer and the Hub Team, for their success in making HKU research and scholars highly visible. Go Team!

Apr 2012: DOI numbers added to each of the 19,750 HKU theses. Increased discovery and statistics.

Feb 2012: New design and software for the Hub.

#### RELEVANT LINKS

- · HKU's Top 1%
- · HKU Authors: OA Publishing
- · Usage Stats & Downloads
- HKU most cited articles in Scopus
- · HKU research on Web of Science
- · HKU Research & Scholarship
- HKU Libraries OA Policy
- HK Open Access Committee
- · Open Access Tracking Project

2+1 +3 Recommend this on Google



# **Publications** !







### **Publication Data**

### Source: HKU Research Output System (ROS)

- New input methods, EndNote (RIS)
- Auto-populate using DOI & ISBN
  - DOI: CrossRef
  - ISBN: WorldCat
- $\circ$   $\rightarrow$  clean metadata comes to the Hub

# Scopus: Bibliographic Rectification

- Funded by HKU University Research Committee & Office of Knowledge Exchange (KEO)
- № 1,500 HKU author with AU-IDs in Scopus
- no Merge variant names
- Disambiguate like named individuals
- > > clean & full metadata comes to the Hub

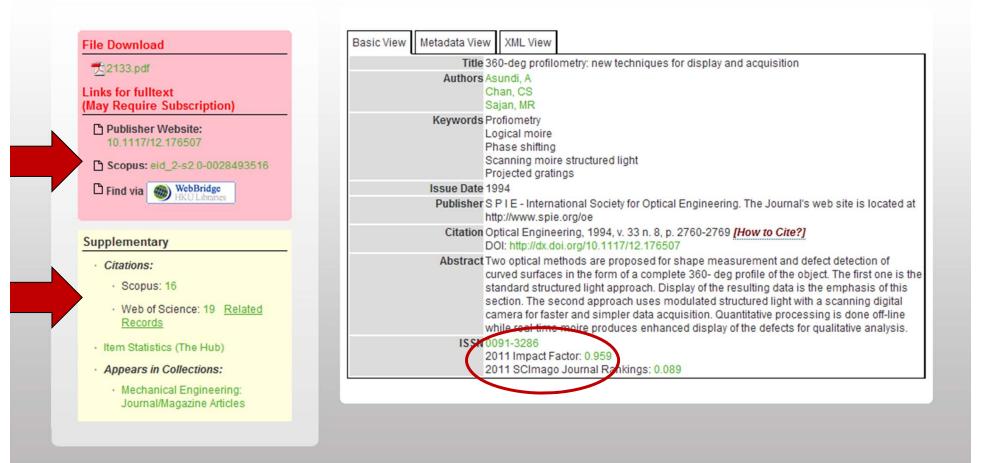
SciVerse	Hub   ScienceDirect   Scopus   Applications	Register
	Scopus	
Search   So	urces   Analytics   Alerts   My list   Settings	Live Chat   Help
Quick Search	Search	
Back to results	1 of 2 Next >	
🗐 Print   💟 E	-mail   💰 Request author detail corrections	Documents
Tam, Pa	ul K H	This author has published (Showing the 2 most recent)
Personal	<ul> <li>Find potential author matches</li> </ul>	Kam, M.K.M., Lee, K.Y., Tam, P. Generation of NSE-MerCre
Name	Tam, Paul K H	tamoxifen inducible Cre ac (2012)PLoS ONE
Other formats	Tam, Paul K.Tam, PaulTam, Paul Kwong HangTam, P. K.Tam, P. K. H.Tam, P.Kwong Hang Tam, PaulTam, Paul K. H.Tam, P. K. h.Tam, Paul K. H.	Jannot, AS., Amiel, J., Pelet, A Verheij, J.B.G.M., Garcia-Barce Male and female differentia explain parental transmiss
Author ID	7202539421	origin in Hirschsprung dise
Affiliation	University of Hong Kong, Centre for Reproduction, Development and Growth, Pokfulam Hong Kong	(2012)European Journal of Hu
Research Documents	335 View Author Evaluator   🕂 Add to my list   🔖 Set alert   🔊 Set feed	Inform me when this author Scopus:
References	5289	Set alert 🔊 Set feed
Citations	11692 total citations by 9879 documents View citation overview   >> Set alert	
h Index	31 View h-Graph The h Index considers Scopus articles published after 1995.	Cited by since 1996
Co-authors	150 (maximum 150 co-authors can be displayed)	This author has been cited
Web search	69563	(Showing the 2 most recent)
Subject area	Medicine Biochemistry, Genetics and Molecular Biology Immunology and Microbiology More	Li, Y., Wang, K., Dai, L., Wang, Zhang, J. HapMap-based study of CIF
Find potenti	al author matches	HCC susceptibility (2012) Oncology Letters
		Wei, X., Li, H., Miao, J., Zhou, F.

## Match & Choose Utility

- n Match on,
  - o DOI
  - o ISBN
  - o PMID
  - HKU ROS publication number
  - Scopus number
  - WoS number
  - 。 等々
- not see the second seco
  - Element by data element



#### Article: 360-deg profilometry: new techniques for display and acquisition





# People !







Owner	Database	Data
HKU Registry	Communications Directory	Name, email, office, title
ditto	Research Output System (ROS)	Publications data
ditto	ditto	Awards, honours, prizes
ditto	Community Service DB	Editorships, miscellaneous
HKU Registry, Research Services	Research Committee Grants Application System	Grant, PI, Co-I, panel, keywords, funding, etc.
HKU Graduate School	Postgraduate supervision DB	Supervised students, thesis title, date, etc.
Faculty, Department pages	Staff profiles	Research interests, picture, etc.
HKU Communications & Public Affairs (CPAO)	Media Contact Directory	Expertise, languages spoken & written
HKU Tech Transfer Office		Patent data
等々	等々	等々



#### HKU ResearcherPage: Yam, VWW

Publications		Professor Yam, Vivian Wing Wah R 任詠華
Articles (256) Conf. Papers & Presentations (147) Books & Book Chapters (8) Patents (8) Others (6) Achievements Community Service (19) Honours, Awards & Prizes (16) Supervision of Research Postgraduate Students (113) HKU Committee Appointments (36) ¥ \$ Grants	Tel: 2859 2153 Office: CYC 504 Dept: Dept of Chemistry Faculty:Faculty of Science	<ul> <li>中rofessor</li> <li>Philip Wong Wilson Wong Professor in Chemistry and Energy</li> <li>Research Interests:         <ul> <li>Optoelectronic materials</li> <li>Spectrochemical and luminescence chemosensors and biolabels</li> <li>Photochromic and photoswitching materials</li> <li>Supramolecular assemblies and organogels</li> <li>Molecular electronics</li> <li>Nanoclusters and Nanomaterials</li> </ul> </li> <li>My URLs:         <ul> <li>Personal Page</li> <li>Also Cited As:</li> </ul> </li> </ul>
Principal Investigator (83) Co-Investigator (15)		Yam, Wing-wah, Vivian Yam, VW Yam, V
External Metrics Internal Metrics		



#### HKU ResearcherPage: Solomon, JD

#### Profile

#### Publications

Books & Book Chapters (2)

#### Reference Achievements

Community Service (2)

Honours, Awards & Prizes (10) Supervision of Research Postgraduate Students (3) HKU Committee Appointments (8)

#### ¥\$ Grants

Principal Investigator (9)

Bibliometrics

External Metrics Internal Metrics



#### Mr Solomon, Jonathan Daniel

- Acting Head, Dept of Architecture
- Assistant Professor

Honours, Av	wards & Prizes		
Date	With	Honours / Awards / Prizes	Category
01-05-2010	)	Appointed co-Curator, U.S. Pavilion at the Venice Architecture Bennale 2010: Department of State, United States of America	Others
01-03-2010	Pryor, MR 🛠	Srd Prize, New Links, New Kwun Tong Design Ideas Competition: The Development Bureau, Urban Renewal Authority, Civil Engineering and Development Department of the Hong Kong Special Administrative Region	Research Achievemen
01-08-2009	)	Citation Award: American Institute of Architects Northwest & Pacific Region	Research Achievemen
01-05-2009		Merit Award, Open International Ideas Competition for Noise Barrier/Enclosure Design: Highways Department HKSAR, Environmental Protection Department HKSAR, The Government of the Hong Kong Special Administrative Region, The Hong Kong Institute of Architects, The Hong Kong Institution of Engineers, The Hong Kong Institution of Highways and Transportation, The Hong Kong Institute of Landscape Architects	Research Achievemen
01-11-2008	3	Merit Award for Interior Design, Ooibotos Gallery: American	Research



#### HKU ResearcherPage: Tsui, ABM

#### Profile

#### Publications

Articles (35) Conf. Papers & Presentations (28) Books & Book Chapters (46) Others (1)

#### Achievements

Media Contact Directory (9) Supervision of Research Postgraduate Students (19) HKU Committee Appointments (45)

¥ \$ Grants

Principal Investigator (22) Co-Investigator (4)

Bibliometrics

External Metrics



#### Professor Tsui, Amy Bik May ℝ 徐碧美

- Pro-Vice-Chancellor and Vice-President (Teaching and Learning)
- Chair of Language and Education

#### Supervision of Research Postgraduate Students

Admission	Field of Study	Thesis Title
2009 Phd Rong Xiaoyan	English Teacher Education	
2008 Phd Imafuku Rintaro	Sociolinguistics, Discourse Analysis, Problem-based Learning Curriculum	
	Cross-cultural Psychology and Applied Linguistics	<u>Cross-cultural adaptation and second language</u> acquisition : a study of international students in universities of the People's Republic of China
20 I5 Phd Ha fitt Gary James	Classroom Interaction, Small Class Teaching	How class size mediates student learning : case studies of Hong Kong secondary schools
2004 MPhil Yu Baohua	Intercultural Communication	
	Process Writing and Learner Autonomy in the	The Impact of the process approach to the

### HKU ResearcherPage: Ching, WK

Publications		Dr Cning 知時世	, Wai Ki R	
Articles (118) Conf. Papers & Presentations (37) Books & Book Chapters (25) Others (11) Achievements Media Contact Directory (6)		程瑋琪		
Community Service (13)				
Honours, Awards & Prizes (4) Supervision of Research Postgraduate Students (27) HKU Committee Appointments (4)	External Metrics			
¥ S Grants	Scopus (1996 ~ ) AuthorID:	13310265500	ResearcherID RID:	D-3062-2009
Principal Investigator (22)	Document Count:	139	Document Count:	88
Co-Investigator (2)	Total Citations:	561 total citations by	Times Cited:	167
Bibliometrics	h Index:	407 documents 13	h Index:	8
	Co-authors:	125	Co-authors:	Collaboration Network
External Metrics		120		
	MathSciNet		PubMed	
	AuthorID:	605850	Hub items with PubMe	A CONTRACT OF
	Earliest Indexed:	1996	Hub items with PMC II	
	Publications:	75	Citation count of Hub	
	Citations:	86	Hub items cited in PM	C: 2
	Co-Authors:	50		
	Mathematics Genealog GMP ID:	y Project	68662	
	Ph.D.:			Hong Kong 1998
	Ph.D.:       Chinese University of Hong Kong 1998         Advisors:       Xunyu Zhou			

## **External Sources**

Company	Database
Elsevier	Scopus
ditto	BiomedExperts
Thomson Reuters	ResearcherID, Web of Science
RePEc	
SSRN	
ACM Digital Library	
NIH	PubMed
Google	Google Scholar
Microsoft	MS Academic Search
MathSciNet	
等々	等々

### ResearcherPage View Count Item View Count Item Download Count

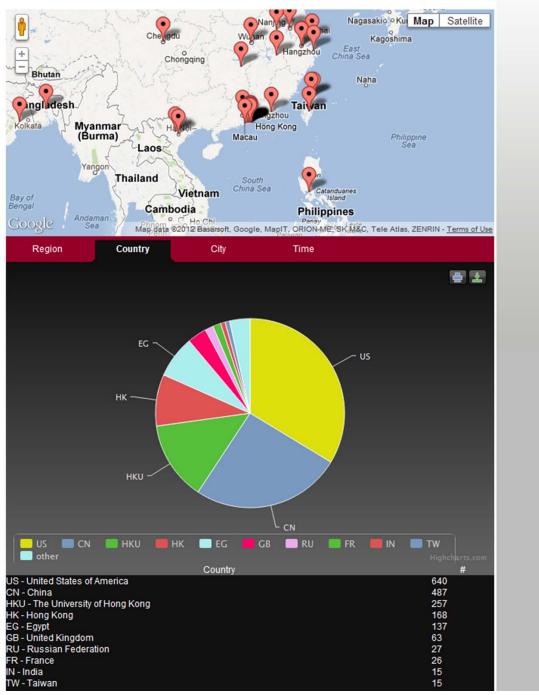
#### Setup Email Alerts

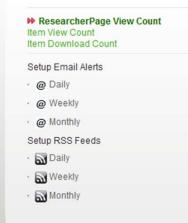
- · @ Daily
- · @ Weekly
- · @ Monthly

#### Setup RSS Feeds

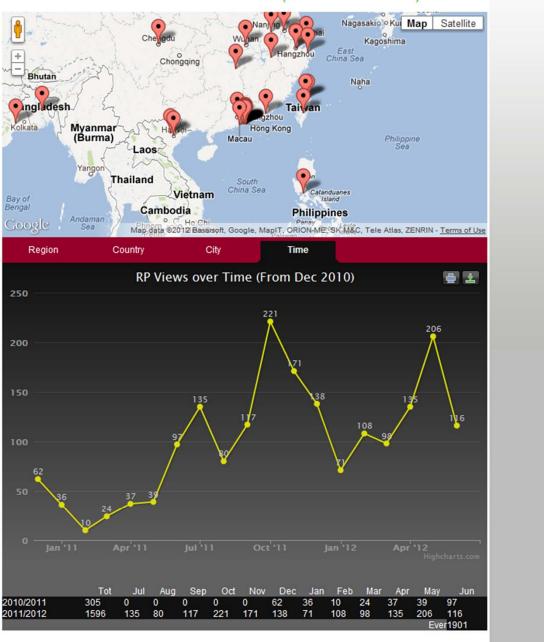
- · 🔊 Daily
- · 🔊 Weekly
- · Monthly

#### RESEARCHERPAGE VIEW COUNT (FROM DEC 2010)





#### RESEARCHERPAGE VIEW COUNT (FROM DEC 2010)





# **Theses & Dissertations !**







## Silos, Separate & Unique

- 5 Graduate School
- Student Information Service (Registry)
- 🔊 Library catalogue
- ∞ Harvest, match, merge
- So Write complete data back to 3 sources & Hub



### **Postgraduate Thesis:** Quantifying the urban heat island (UHI) intensity in Hong Kong

File Download	Basic View Metadata View XML View
➡ FullText.pdf	Title Quantifying the urban heat island (UHI) intensity in Hong Kong
Links for fulltext	Authors Siu, Leong-wai 萧亮煌
(May Require Subscription)	Issue Date 2011
Publisher Website:	Publisher University of Hong Kong (Pokfulam Road, Hong Kong)
10.5353/th_b4569256	Abstract The definition and quantification of urban heat island (UHI), the air temperature
	differences between urban and rural areas, remains problematic. This is due, in large part, to the difficulty of operationalizing the terms "urban" and "rural", especially with regard
	to classifying the weather stations that provide data. This thesis studies the urban heat
Supplementary	island (UHI) intensity in Hong Kong and there are three foci in the research. The first focus
Item Statistics (The Hub)	of this study is the determination of the urban and rural weather stations in Hong Kong.
	The Local Climate Zones (LCZ) system has been employed to classify 17 weather stations and field observation was the main technique to collect the necessary metadata.
Appears in Collections:	Six field trips were arranged in the summer of 2009 and 2010. Hong Kong Observatory
HKU Theses Online	Headquarters (HKO) is considered as the only representative urban station, whilst Tsak
<ul> <li>Geography: Theses</li> </ul>	Yue Wu station (TYW) is deemed as the representative rural station because of its Forest Zone (NCZ1) classification. Ta Kwu Ling station (TKL) is another reference rural site. The
	second focus is the quantification of the UHI intensities at six pairs of stations in Hong
	Kong and their diurnal and seasonal variations. The 19-year annual UHI intensities in
	Hong Kong suggest that the representative rural sites (TYW and TKL) also record representative UHI intensities for the region. The differences of the cooling rate at urban
	and rural stations drive the diurnal cycle of urban heat island. The seasonal variations of
	UHI intensities are also driven by the cooling rate differences of urban and rural stations
	in different seasons. Since the mean maximum urban cooling rate does not vary
	considerably throughout the seasons $(0.4 - 0.5 \text{ °C/hr})$ , it is the alteration of the rural cooling rate $(1.0 - 1.6 \text{ °C/hr} \text{ at TYW}; 0.9 - 1.2 \text{ °C/hr} \text{ at TKL})$ which determines the
	seasonal variations of UHI intensities. The mean daily maximum UHI intensities in Hong
	Kong are greatest in winter. The final focus is the meteorological impacts on the UHI
	intensity in Hong Kong. Five meteorological elements, including air temperature, wind speed, vapour pressure, cloud cover, and cooling rate, have been separately investigated
	to establish their impacts on the UHI intensity. Under fine weather conditions, the first four
	elements are negatively related to the UHI intensity. Sixteen regression models were built
	after the use of stepwise procedures which optimize the combination of independent variables. Rural air temperature is considered the most important meteorological factor
	on the UHI intensity. The models also suggest that there are other factors affecting the
	UHI intensities in spring and summer.
	Advisors Peart, MR 💠
	Hart, MA 💠
	Degree Master of Philosophy Subject Urban heat island - China - Hong Kong.
	Urban temperature - China - Hong Kong.
	Dept/Program Geography
	DOI http://dx.doi.org/10.5353/th_b4569256
	HKU Library Item ID b4569256



# Grants (Projects) !

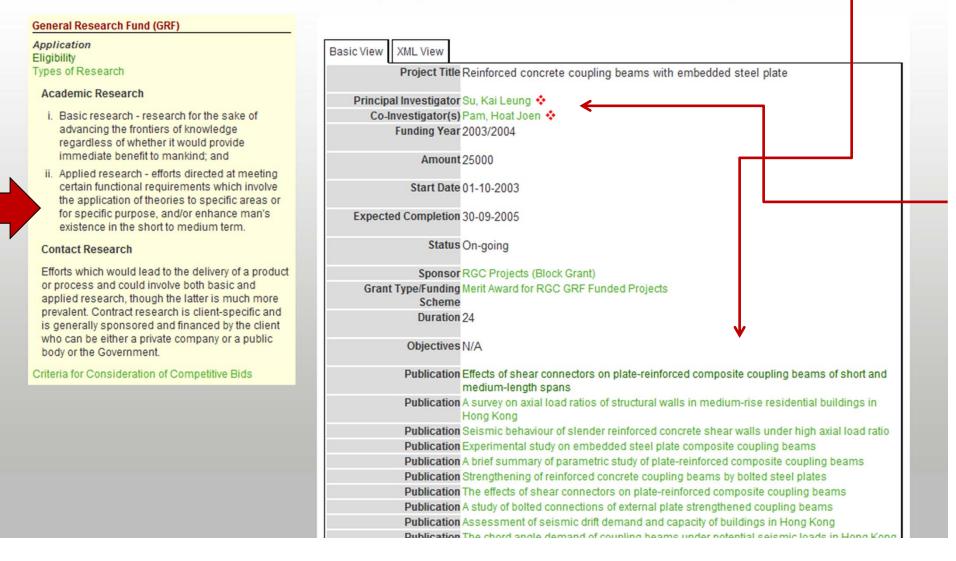








#### Grant: Reinforced concrete coupling beams with embedded steel plate





# Patents !







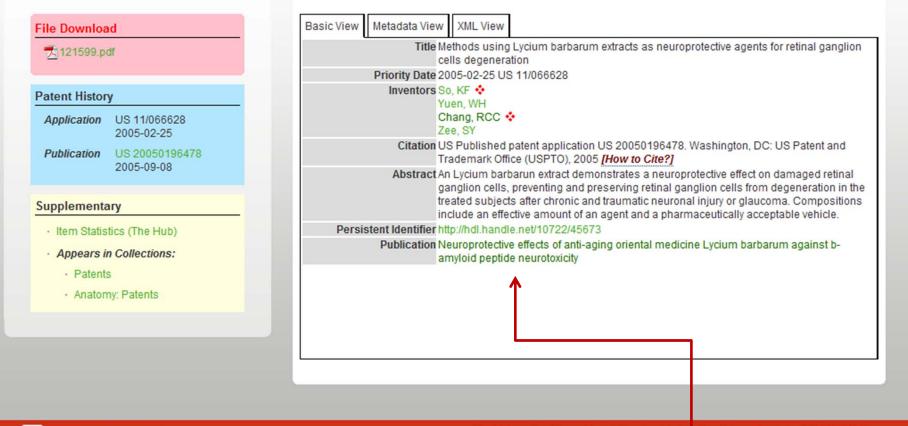
## **Patent Sources**

Country	Source
US	USPTO Derwent
World	Patent Lens Patentscope Espacenet
US, chemistry	SciFinder
EU	European Patent Office
Japan	Japan Patent Office
China	SIPO (State Intellectual Property Office of the PRC)
等々	等々





Published Patent: Methods using Lycium barbarum extracts as neuroprotective agents for retinal ganglion cells degeneration



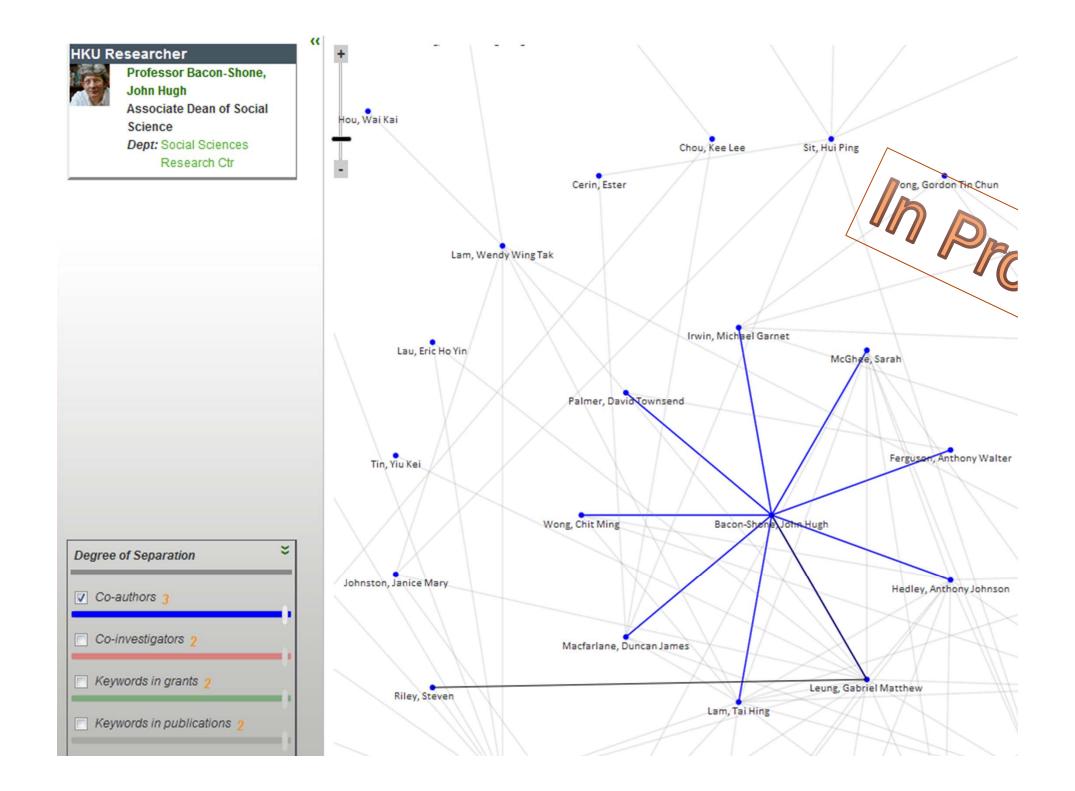


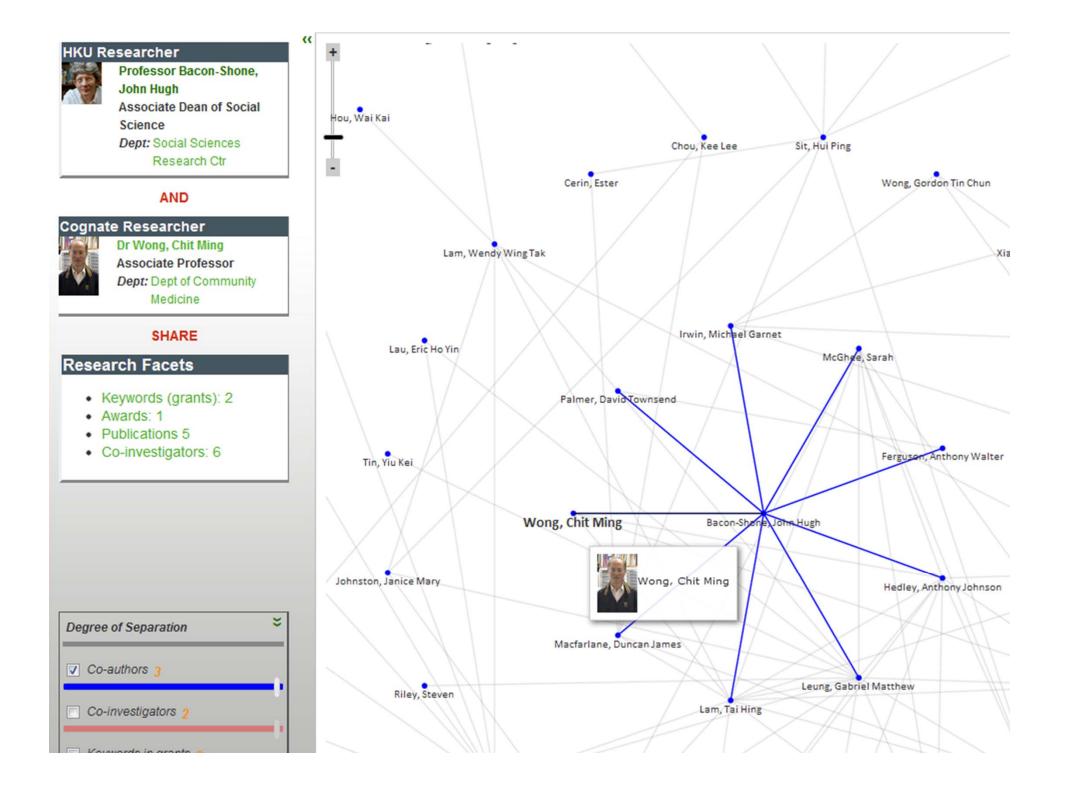
# **Visualizations** !













# Has Visibility Increased?

≥ 香港大學學術庫 - The HKU Scholars Hub - 香港大學學術庫

B



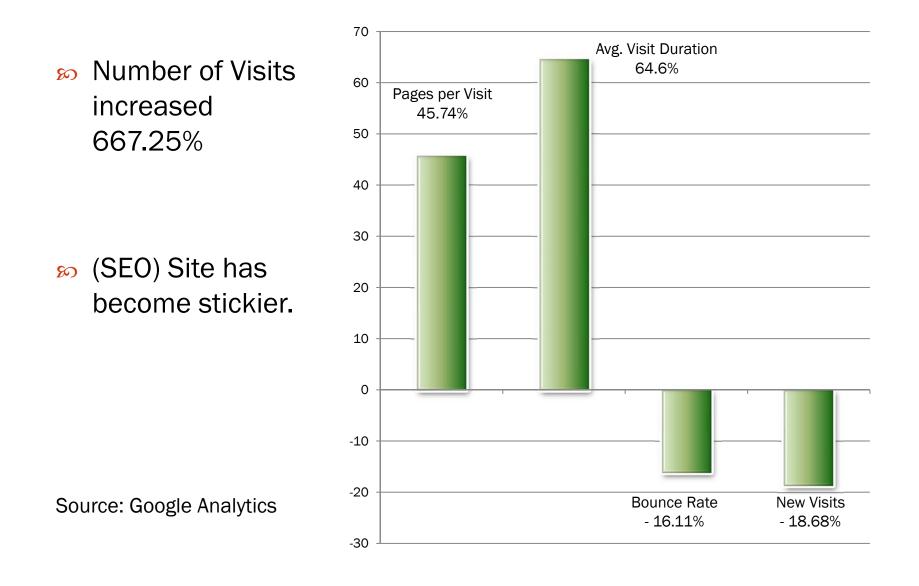
### Anecdotal

I must say that the HKU ResearcherPage team did an amazing job. Even without my direct input in the first place, they were able to compile a list of my publications and other accomplishments in a near complete version. After a couple of cycles of communication between the team and myself, I now have a full account of my publications and other accomplishments online that I can share with anyone who might be interested in my research. Best of all, I know that this information is in the safe hands of trained professionals so I don't need to worry about updating and can spend more time on my research.

--- Professor, Department of Physiology

 "Many thanks for your works!!! Based on information of my [ResearcherPage], I was chosen as an editor for a new book
 "Tumor Suppressor Genes" last year." – Doctor, Clinical Oncology

## 2009 ~ 2012: % Change





# **DSpace-CRIS Module(s)**







# Pay it Forward

- 🔊 The whole lot,
  - ResearcherPages, new objects (projects, depts, etc), author cumulated statistics, author editing, SOLR faceted displays, kitchen sink, 等々
- n Because,
  - HKU's Knowledge Exchange
  - Shared code means shared development, mutual benefits
- Packaged in Dspace, Contributed to DSpace in several separate modules & patches
  - Article metrics, Enhanced statistics, CRIS entities, JSPUI- Dspace-Discovery,等々
  - Not take it entire or leave it.

## If you find valuable,

### ∞ Give feedback on the mailing lists:

- o <u>dspace-tech@lists.sourceforge.net</u>
- o <u>dspace-general@lists.sourceforge.net</u>
- note: Developers & technicians can go to GitHub, download the code, try to build, report bugs, enhancement requests,等々
  - o <u>https://github.com/CILEA/dspace-cris</u>
- nd, 🔊
  - Find our poster!
  - Talk to Andrea Bollini of CILEA!



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http://hdl.handle.net/10722/152525

