<table>
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<tr>
<th><strong>Title</strong></th>
<th>The benefits of authority management in an IR; more than name disambiguation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Author(s)</strong></td>
<td>Palmer, DT</td>
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<td><strong>Citation</strong></td>
<td>The 2013 Annual Meeting of the American Library Association (ALA), Chicago, IL., 27 June-2 July 2013.</td>
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The Benefits of Authority Management in an IR

- More than Name Disambiguation

David T Palmer
The University of Hong Kong (HKU)
http://hub.hku.hk/np/20001
ALCTS: American Library Association
2013, Chicago
The Problem
One Person: many names

- Hong Kong ID card
  - Wong, Danny Wai Ming  
  - 黃偉明
- Published or Academic Form
  - Wong, WMD
  - Wong, WM
  - Wong, DW
- Pronunciations from other vernaculars:
  - Hanyu Pinyin (Mandarin): Huang Weiming
  - WadeGiles (Taiwan): Huang Wei-ming
  - Fokkien people in Taiwan: Hwang, Wai-ming
  - Korean: Huang Wim Yeong
- Other listings,
  - Wong, Danny WM
One Person: many names

- Hong Kong ID card
  - Wong, Danny Wai Ming  
  - 黃偉明
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  - Wong, WMD
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    - Huang Weiming
  - WadeGiles (Taiwan)  
    - Huang Wei-ming
  - Fokkien people in Taiwan  
    - Hwang, Wai-ming
  - Korean:  
    - Huang Wim Yeong
- Other listings,
  - Wong, Danny WM
One Person: many names

• Hong Kong ID card
  ➔ Wong, Danny Wai Ming  Roman
  ➔ 黃偉明  Chinese (漢字 - hanzi)

• Published or Academic Form
  ➔ Wong, WMD
  ➔ Wong, WM
  ➔ Wong, DW

• Pronunciations from other vernaculars:
  ➔ Hanyu Pinyin (Mandarin)  Huang Weiming
  ➔ WadeGiles（Taiwan）  Huang Wei-ming
  ➔ Fokkien people in Taiwan  Hwang, Wai-ming
  ➔ Korean:  Huang Wim Yeong

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  - Fokkien people in Taiwan  Hwang, Wai-ming
  - Korean:  Huang Wim Yeong

- Other listings,
  - Wong, Danny WM
One name: many people

• Academic Name
  ➔ Wong, DWM
    • Wong, Daniel Wai Ming
    • Wong, David Wing Man

• From Romanization to Hanzi (汉字)
  ➔ Wong, Wai-ming
    • 黃偉明 (traditional)
    • 黄伟明 (simplified)
    • 王偉明

• From Hanzi (汉字) to Romanization
  ➔ 黃偉明
    • Wong, Wai-ming (Hong Kong customary)
    • Huang, Weiming (Hanyu Pinyin)
    • Huang, Wei-ming (Taiwan Wade-Giles)
    • Hwang, Wai-ming (Fokkien customary)
One name: many people

• Academic Name
  ➔ Wong, DWM
    • Wong, Daniel Wai Ming
    • Wong, David Wing Man

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  ➔ Wong, Wai-ming
    • 黃偉明 (traditional)
    • 黄伟明 (simplified)
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    • Huang, Weiming (Hanyu Pinyin)
    • Huang, Wei-ming (Taiwan Wade-Giles)
    • Hwang, Wai-ming (Fokkien customary)
One name: many people

- **Academic Name**
  - Wong, DWM
    - Wong, Daniel Wai Ming
    - Wong, David Wing Man

- **From Romanization to Hanzi (漢字)**
  - Wong, Wai-ming
    - 黃偉明 (traditional)
    - 黄伟明 (simplified)
    - 王偉明

- **From Hanzi (汉字) to Romanization**
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    - Huang, Weiming (Hanyu Pinyin)
    - Huang, Wei-ming (Taiwan Wade-Giles)
    - Hwang, Wai-ming (Fokkien customary)
Ambiguous identity

- Authors
- Inventors
- Principal / Co-Investigators
- Contractors / consultants
- Architects
- Thesis advisors
- 等々
The problem incarnate

• Personal Reputation
  ➔ Lost citations
  ➔ Lost opportunities
  ➔ Lower measures of esteem
    • Peer review

• Smaller Institutional digital footprint
  ➔ Rankings
  ➔ Peer review
  ➔ Less funding
  ➔ Smaller standing in Unesco country reports
  ➔ 等々
**The problem incarnate**

- **Personal Reputation**
  - Lost citations
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  - Rankings
  - Peer review
  - Less funding
  - Smaller standing in Unesco country reports
  - 等々
Remedy!
2009 – URC Grant: HKU Bibliographic Rectification

- Web of Knowledge
  - ResearcherID on 1,500 HKU scholars
- Scopus
  - 1,500 HKU authors cleaned & disambiguated
- Google Scholar
  - Google Scholar Citations
- ACM Digital Library
- SSRN
- RePEc
- CiteULike
- PubMed
- BioMed Experts
- 等々
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- **SSRN**
- **RePEc**
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- **PubMed**
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  - Google Scholar Citations
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- RePEc
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- Web of Knowledge
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  - 1,500 HKU authors cleaned & disambiguated
- Google Scholar
  - Google Scholar Citations
- ACM Digital Library
- SSRN
- RePEc
- CiteULike
- PubMed
- BioMed Experts
- 等々
2009 – KEO Grant: To Make Visible, HKU Research & Researchers

- **Knowledge Exchange**
  - 3rd mission
  - Mutual benefit

- **HKU’s IR**
  - The HKU Scholars Hub
  - 2005, OA publications
  - 2009, key vehicle for HKU’s KE initiative

- **Research & Researchers**
  - More than publications
    - Patents
    - Grants / projects
    - Depts / Ctrs
    - And their attributes
      - Awards
      - Grant funders
      - Languages spoken / written
      - Citation / download counts
      - 等々
2009 – KEO Grant:
To Make Visible, HKU Research & Researchers

• Knowledge Exchange
  ➔ 3rd mission
  ➔ Mutual benefit

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  ➔ 2005, OA publications
  ➔ 2009, key vehicle for HKU’s KE initiative

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    - Grants / projects
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      - Awards
      - Grant funders
      - Languages spoken / written
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      - 等々
The HKU Scholars Hub is the institutional repository of The University of Hong Kong. As a key vehicle of HKU’s Knowledge Exchange Initiative, the Hub strives to make HKU authors and their research very visible, with the goal of increasing all forms of collaboration.

**QUICK SEARCH OF THE HUB**

Search the author, title, abstract and series fields.

> search

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**FEATURED SCHOLAR**

**Professor Chang, EC**

Dean (Faculty of Business and Economics)
Quinn Professor in Finance; and Professor: Chair of Finance

Research Interests:
- Derivative securities
- International finance
- Capital asset pricing

> MORE

---

**HUB NEWS**

**Mar 2013**: Membership in professional societies added to ResearcherPages.

**Mar 2013**: Affiliations for coauthors shown when known. An example

**Feb 2013**: Grant data added to publication records when known. An example

**Jan 2013**: Web service for extracting Hub data. Interested? Write!

---

**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

---

Please CONTACT US

Do you want to see your publications in the Hub?
<table>
<thead>
<tr>
<th>Owner</th>
<th>Database</th>
<th>Data</th>
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<tbody>
<tr>
<td>HKU Registry</td>
<td>Communications Directory</td>
<td>Name, email, office, title</td>
</tr>
<tr>
<td>-- ditto</td>
<td>Research Output System (ROS)</td>
<td>Publications Data</td>
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<tr>
<td>-- ditto</td>
<td>-- ditto</td>
<td>Awards, honours, prizes</td>
</tr>
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<td>Research Committee Grants Application System</td>
<td>Grant, PI, Co-I, panel, keywords, funding, etc.</td>
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<td>HKU Graduate School</td>
<td>Postgraduate student supervision DB</td>
<td>Supervised students, thesis title, date, etc.</td>
</tr>
<tr>
<td>Faculty, Department pages</td>
<td>Staff profiles</td>
<td>Research interests, picture, etc.</td>
</tr>
<tr>
<td>HKU Communications &amp; Public Affairs (CPAO)</td>
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<td>Patent data</td>
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HKU ResearcherPage: Bacon-Shone, JH

Profile
- Contact information
- Networks of Collaboration
  - Visualized
  - Tabulated
- Publications
  - Selected Publications (4)
  - Articles (44)
  - Conf. Papers & Presentations (21)
  - Books (Authored) (7)
  - Book Chapters (11)
- Achievements
  - Professional Qualifications (3)
  - Media Contact Directory (12)
  - Community Service (6)
  - Supervision of Research Postgraduate Students (11)
  - HKU Committee Appointments (37)
- Grants
  - Principal Investigator (6)
  - Co-Investigator (16)

Contact Information

Professor Bacon-Shone, John Hugh
白景崇
- Professor
- Associate Dean of Social Science
- Director, Social Sciences Research Centre
- Associate Director, Knowledge Exchange Office

Research Interests: (click to check for cognate researchers)
- Compositional data
- Gambling
- Immigration and population policy
- Privacy policy
- Telephone survey methodology

My URLs:
- Biography
- Google Scholar Citations

Also Cited As:
- Bacon-shone, John
- Bacon-shone, J
- Baconshone, J
- Bacon-Shone, J
Tam, Paul KH
Tam, Paul KH
Tam, Paul Kwong Hang
Tam, Paul
Tam, PCF
Tam, PC
Tam, Peter TS
Tam, PHK
Tam, PHT
Tam, PH
Tam, Ping-leung, Patrick
Tam, Pit-shing
Tam, PKC
Tam, PKH
Tam, PKH
Tam, PK
Tam, PLP
With clean disambiguated data,
-- The places you will go!
Article: Understanding Australia's influenza pandemic policy on the strategic antiviral drug stockpile

Title: Understanding Australia's influenza pandemic policy on the strategic antiviral drug stockpile

Authors: McCaw, JM4 [Scopus], Wood, JG5 [Scopus], McBryde, ES3 4 [Scopus], Nolan, TM4 [Scopus], Wu, JT 2, Lipsitch, M1 [Scopus], McVernon, J4 [Scopus]

Issue Date: 2009

Publisher: Australasian Medical Publishing Company Pty Ltd. The Journal’s website is http://www.mja.com.au

Citation: Medical Journal Of Australia, 2009, v. 191 n. 3, p. 136-137 [How to Cite]

Abstract: Targeted post-exposure prophylaxis represents a more efficient use of antiviral treatment alone.

ISSN: 0025-729X

2011 Impact Factor: 2.813

2011 SCImago Journal Rankings: 0.151

ISI Accession Number ID: WOS:000269171100005

PubMed Central ID: PMC3073016

References: References in Scopus

Author Affiliations:
1. Harvard School of Public Health
2. The University of Hong Kong
3. Royal Melbourne Hospital
4. University of Melbourne
5. University of New South Wales
Article: Understanding Australia's influenza pandemic policy on the strategic stockpile of the antiviral drug stockpile

Authors:
- McCaw, JM
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- McBryde, ES
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- Wu, JT
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- McVernon, J

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ISI Accession Number ID: WOS:0002691717100005
PubMed Central ID: PMC3073016

Citation: Medical Journal Of Australia, 2009, v. 191 n. 3, p. 136-137

Contact the Author: Chunyue

File Download
- No File Attached
- Scopus: eid_2-s.0-70349582647
- PMID: 19645639
- Find via WebBridge HKU Libraries

Article Level Metrics

Supplementary:
- Citations:
  - Scopus: 4
  - PubMed Central: 2
- Item Statistics (The Hub)
- Appears in Collections:
  - Community Medicine: Journal/Magazine Articles

Author Affiliations:
1. Harvard School of Public Health
2. The University of Hong Kong
3. Royal Melbourne Hospital
4. University of Melbourne
5. University of New South Wales

Alt-metrics
Article: Understanding Australia's influenza pandemic policy on the strategic stockpile of antiviral drug stockpile

File Download
No File Attached

Contact the author(s)?
(May Require Subscription)
- Scopus: eid_2-s2.0-70349582647
- PMID: 19645639
- Find via WebBridge HKU Libraries

Supplementary
- Citations:
  - Scopus: 4
  - PubMed Central: 2
- Item Statistics (The Hub)
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Article Level Metrics
Alt-metrics

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- Metadata View
- XML View

Title: Understanding Australia's influenza pandemic policy on the strategic stockpile of antiviral drug stockpile

Authors:
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- McBryde, ES
- Nolan, TM
- Wu, JT
- Lipsitch, M
- McVernon, J

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References
 References in Scopus

Author Affiliations:
1. Harvard School of Public Health
2. The University of Hong Kong
3. Royal Melbourne Hospital
4. University of Melbourne
5. University of New South Wales
prevention and treatment of cerebrovascular disorders. However, the mechanism responsible for such protective effects remains largely unknown. It has been considered that cerebral endothelium apoptosis caused by reactive oxygen species including hydrogen peroxide (H2O2) is implicated in the pathogenesis of cerebrovascular disorders. Methodology and Principal Findings. By examining the effect of Sal B on H2O2-induced apoptosis in rat cerebral microvascular endothelial cells (rCMECs), we found that Sal B pretreatment significantly attenuated H2O2-induced apoptosis in rCMECs. We next examined the signaling cascade(s) involved in Sal B-mediated anti-apoptotic effects. We showed that H2O2 induces rCMECs apoptosis mainly through the PI3K/ERK pathway, since a PI3K inhibitor (LY294002) blocked ERK activation caused by H2O2 and a specific inhibitor of MEK (U0126) protected cells from apoptosis. On the other hand, blockage of the PI3K/Akt pathway abrogated the protective effect conferred by Sal B and potentiated H2O2-induced apoptosis, suggesting that Sal B prevents H2O2-induced apoptosis predominantly through the PI3K/Akt (upstream of ERK) pathway. Significance. Our findings provide the first evidence that H2O2 induces rCMECs apoptosis via the PI3K/MEK/ERK pathway and that Sal B protects rCMECs against H2O2-induced apoptosis through the PI3K/Akt/ Raf/MEK/ERK pathway. 2007 Liu et al.

Funding Information:
This work was supported by a grant (HKU 7636/05M) from the Research Grant Council of Hong Kong awarded to Dr. J.D. Huang, and was also supported by grants (FRG/06-07/I-07 and FRG/06-07/I-43) from Hong Kong Baptist University awarded to Dr. M. Li. The funders had no roles in the design and conduct of the study, in the collection, analysis, and interpretation of the data, and in the preparation, review, or approval of the manuscript.
People!
<table>
<thead>
<tr>
<th>Date</th>
<th>Honours / Awards / Prizes</th>
</tr>
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<tr>
<td>01-07-2011</td>
<td>Honorary Selection Award &amp; Prize (Premios de Trabalhos Seleccionados), Public Competition for the Architectural Concept of the New Port Authority Building and Surrounding Environment (Concurso Publico para o Projecto de Concecao Arquitectonica do Novo Edificio da Capitania dos Portos e Optimizacao da Zona Envolvente), Macau, SAR: Capitania dos Portos, Macau, SAR Servicios de Solos, Obras Publicas e Transporte, Macau, SAR (Government of Macau, SAR, China), Capitania dos Portos/Direccao dos Servicos de Solos (Macau), Macau, SAR, China</td>
</tr>
<tr>
<td>01-11-2007</td>
<td>Winning Entry, Design Ideas Competition for Marina South Residential District, Singapore: Singapore Institute of Architects, Urban Redevelopment Authorities - Singapore Government</td>
</tr>
<tr>
<td>01-09-2006</td>
<td>Honorary Mention Award (Profesional Category), International Architectural Competition 'Celebration of Cities 2' - UIA in collaboration with UNESCO, 2006: Union of International Architects (UIA) in collaboration with UNESCO - Awarded and Exhibited at the Venice Biennale:</td>
</tr>
</tbody>
</table>
HKU Researcher Page: Tsui, ABM

Profile
Contact Information

Networks of Collaboration
Visualized
Tabulated

Publications
Articles (38)
Conf. Papers & Presentations (28)
Books (Authored) (8)
Books (Edited) (1)
Book Chapters (41)
Others (1)

Achievements
Media Contact Directory (9)
Editorship (31)
Supervision of Research Postgraduate Students (15)
HKU Committee Appointments (50)

Grants
Principal Investigator (11)
Co-Investigator (4)

Professor Tsui, Amy Bik May
徐碧美

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

Dept: Education Faculty
V-C’s Office
Faculty: Faculty of Education

Supervision of Research Postgraduate Students

<table>
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<tr>
<th>Admission Year</th>
<th>Field of Study</th>
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<tr>
<td>2009</td>
<td>Phd Rong Xiaoyan</td>
<td>Cultural dimensions of Japanese students’ participation in PBL tutorials</td>
</tr>
<tr>
<td>2008</td>
<td>Phd Imafuku Rintaro</td>
<td>Sociolinguistics, Discourse Analysis, Problem-based Learning Curriculum</td>
</tr>
<tr>
<td>2005</td>
<td>Phd Yu Baoqiu</td>
<td>Cross-cultural Psychology and Applied Linguistics</td>
</tr>
<tr>
<td>2005</td>
<td>Phd Harfitt</td>
<td>Classroom Interaction, Small Class Teaching</td>
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</table>

Cross-cultural Adaptation and Second Language Acquisition: A Study of International Students in Universities of the People's Republic of China
How class size mediates student learning: case studies of Hong Kong secondary schools
HKU ResearcherPage: Chow, BKC

**Professor Chow, Billy Kwok Chong**

- **Professor**
- **Dept:** School of Biological Sciences
- **Faculty:** Faculty of Science

**External Metrics**

- **Scopus (1996 ~ )**
  - **AuthorID:** 7102826193
  - **Document Count:** 111
  - **Total Citations:** 2032 total citations by 1384 documents
  - **h Index:** 24
  - **Co-authors:** 150

- **ResearcherID**
  - **RID:** D-3064-2009
  - **Document Count:** 180
  - **Times Cited:** 1979
  - **h Index:** 26
  - **Co-authors:** Collaboration Network

- **BiomedExperts**
  - **PersonDetailpage:** 239266
  - **Co-authors:** 103
  - **Publications:** 95

- **Google Scholar Citations**
  - **Author Profile:** kjfd3oAAAAY
  - **Citations:** 2485
  - **h-index:** 28
  - **i10-index:** 76

211 publications indexed in the Hub. Of these:

- **Web of Science:**
- **PubMed:**
- **CiteULike:**

- 83 are found in WoS, with 1668 citations
- 103 are found in PubMed, with 209 citations
- 20 are found in CiteULike.
**Monthly Increases (Scopus, Web of Science, and PubMed)**

<table>
<thead>
<tr>
<th>Title</th>
<th>Totals (as of today)</th>
<th>Increases for Feb 2013</th>
<th>Increases for last 3 months</th>
</tr>
</thead>
<tbody>
<tr>
<td>Characterization of an additional molt inhibiting hormone-like neuropeptide from the shrimp Metapenaeus ensis</td>
<td>35 31</td>
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<td>Circulating EM66 is a highly sensitive marker for the diagnosis and follow-up of pheochromocytoma</td>
<td>15 13</td>
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<td>Cloning and characterization of a PAC1 receptor hop-1 splice variant in goldfish (Carassius auratus)</td>
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<td>CpG Methylation and Transcription Factors Sp1 and Sp3 Regulate the Expression of the Human Secretin Receptor Gene</td>
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<tr>
<td>Differential expression of human gonadotropin-releasing hormone receptor gene in pituitary and ovarian cells</td>
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<tr>
<td>Discovery of a new reproductive hormone in teleosts: Pituitary adenylate cyclase-activating polypeptide-related peptide (PRP)</td>
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<tr>
<td>Discovery of growth hormone-releasing hormones and receptors in nonmammalian vertebrates</td>
<td>46 47 6</td>
<td>1 4</td>
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<tr>
<td>Effective melanoma immunotherapy with interleukin-2 delivered by a novel polymeric nanoparticle</td>
<td>2 2 1</td>
<td></td>
<td>1</td>
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</tbody>
</table>
Title: Quantifying the urban heat island (UHI) intensity in Hong Kong

Authors: Siu, Leong-wai

Issue Date: 2011

Publisher: University of Hong Kong (Pokfulam Road, Hong Kong)

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 island (UHI) intensity in Hong Kong and there are three foci in the research. The first focus 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. Six field trips were arranged in the summer of 2009 and 2010. Hong Kong Observatory Headquarters (HKO) is considered as the only representative urban station, whilst Tsak 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 °C/hr), it is the alteration of the rural cooling rate (1.0 – 1.6 °C/hr at TYW; 0.9 – 1.2 °C/hr 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
**Grant:** Reinforced concrete coupling beams with embedded steel plate

### General Research Fund (GRF)

#### Application

- Eligibility
- Types of Research

#### Academic Research

i. Basic research - research for the sake of advancing the frontiers of knowledge regardless of whether it would provide immediate benefit to mankind; and

ii. Applied research - efforts directed at meeting certain functional requirements which involve the application of theories to specific areas or for specific purpose, and/or enhance man's existence in the short to medium term.

#### Contact Research

Efforts which would lead to the delivery of a product or process and could involve both basic and applied research, though the latter is much more prevalent. Contract research is client-specific and is generally sponsored and financed by the client who can be either a private company or a public body or the Government.

### Project Details

<table>
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<tr>
<th>Project Title</th>
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<td>Su, Kai Leung</td>
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<td>Co-Investigator(s)</td>
<td>Pam, Hoat Join</td>
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#### Publications

- Effects of shear connectors on plate-reinforced composite coupling beams of short and medium-length spans
- A survey on axial load ratios of structural walls in medium-rise residential buildings in Hong Kong
- Seismic behaviour of slender reinforced concrete shear walls under high axial load ratio
- Experimental study on embedded steel plate composite coupling beams
- A brief summary of parametric study of plate-reinforced composite coupling beams
- Strengthening of reinforced concrete coupling beams by bolted steel plates
- The effects of shear connectors on plate-reinforced composite coupling beams
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Granted Patent: Luminescent Gold (iii) Compounds, Their Preparation, And Light-emitting Devices Containing Same

Title: Luminescent Gold (iii) Compounds, Their Preparation, And Light-emitting Devices Containing Same

Granted Patent: US 7572912

Granted Date: 2009-08-11

Priority Date: 2004-10-29 US 2004-977200
2005-09-25 WO 2005-CN1589

Inventors: Yam, Vivian Wing Wah
Wong, Keith Man Chung
Kwok, Ho-sing
Zhu, Xiuling


Abstract: A class of luminescent gold(III) compounds with a tridentate ligand and at least one strong sigma-donating group having the chemical structure represented by the general formula (I): ##STR0001## wherein R.sub.1-R.sub.4 each independently represent the group containing hydrogen, halogen, alkyne, substituted alkynyl, alkyl, substituted alkyl, aryl, substituted aryl, heteroarly, substituted heteroaryl, alkoxyl, substituted alkoxyl, amino, substituted amino, cyano, nitro, alkylcarbonyl, alkoxycarbonyl, ary1carbonyl, arlycarbonyl, aroyloxyal, aroylcarbonyl, and the like; X, Y and Z each independently represent a heteroatom or a carbon; ##STR0002## represents an aromatic or heterocyclic 5- or 6-membered ring; .alpha. and .beta. each independently represent a bridge for an aromatic or heterocyclic 5- or 6-membered ring or represent a break for non-cyclic moiety; C-X, C-Y and C-Z each independently represent a single bond or double bond; n represents a zero or an integer, p, q and r represent positive integers.

Persistent Identifier: http://hdl.handle.net/10722/142108
Cites: US 20030040627
**Published Patent:** Methods using *Lycium barbarum* extracts as neuroprotective agents for retinal ganglion cells degeneration

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<td>Inventors</td>
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<td>Neuroprotective effects of anti-aging oriental medicine <em>Lycium barbarum</em> against b-amyloid peptide neurotoxicity</td>
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### File Download
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### Patent History
- **Application**
  - US 11/066628
  - 2005-02-25
- **Publication**
  - US 20050196478
  - 2005-09-08

### Supplementary
- **Item Statistics (The Hub)**
- **Appears in Collections:**
  - Patents
  - Anatomy: Patents
Visualizations!
# Networks: Bacon-Shone, JH

## Co-Authors

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## Keywords in Publications

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