

*Open Research: a Global Perspective:
China and Brazil*

Research Dissemination Committee Member Organisations Meeting

4 October 2013

The Linnean Society of London

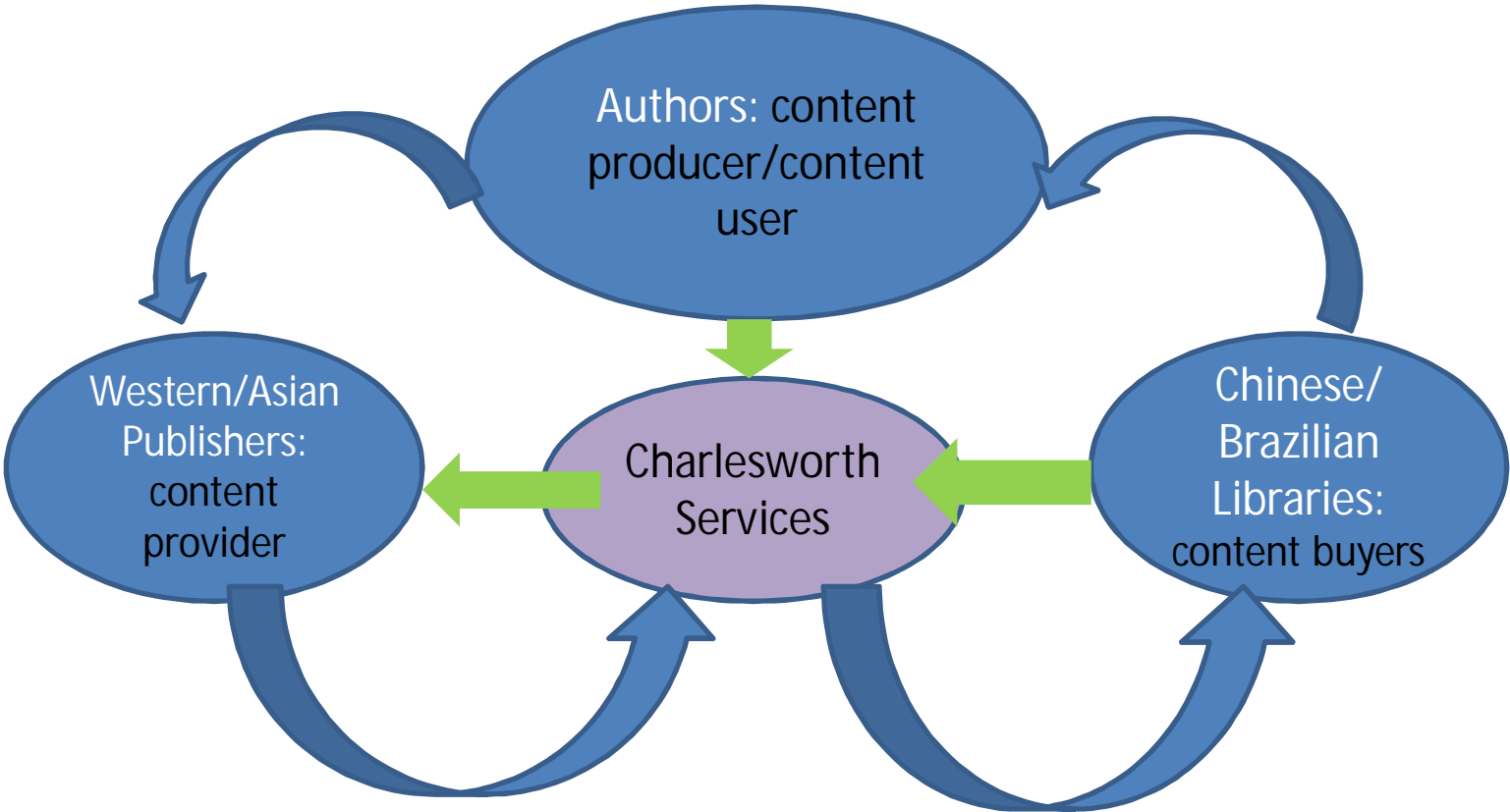


*Adrian T Stanley
The Charlesworth Group*

UK • CHINA • USA • BRAZIL

empowering your publishing evolution

Where Charlesworth fit in the ecosystem



Back ground



- Attending meetings and discussions
- Customers and relationships (guanxi)
- Supporting delegations
- Written articles and blogs
- China focus with supporting information on Brazil
- Broad practical brush strokes
- Under the radar
- China experts
- Policy – Publisher - Authors



Policy forming



- People's Republic of China (PRC) 5 year plans (12th)
- The Ministry of Education Sciencepaper Online, <http://www.paper.edu.cn>, pre-print collection OA journals. a basic review, authors can resubmit papers to journals
- Ministry of Science and Technology (MOST)
- Chinese Academy of Sciences, OA platform for 180+ CAS journals, <http://www.oaj.cas.cn/cn/default.aspx>
- General Administration of Press and Publication (GAPP)
- National Science and Technology Library (NSTL)
- China Association of Science and Technology (CAST)
- National Science Foundation of China (NFSC)
- Chinese University Journals Society (CUJS)
- Universities & libraries have repositories, Wang Fang/CNKI

China's growing nationalistic voice

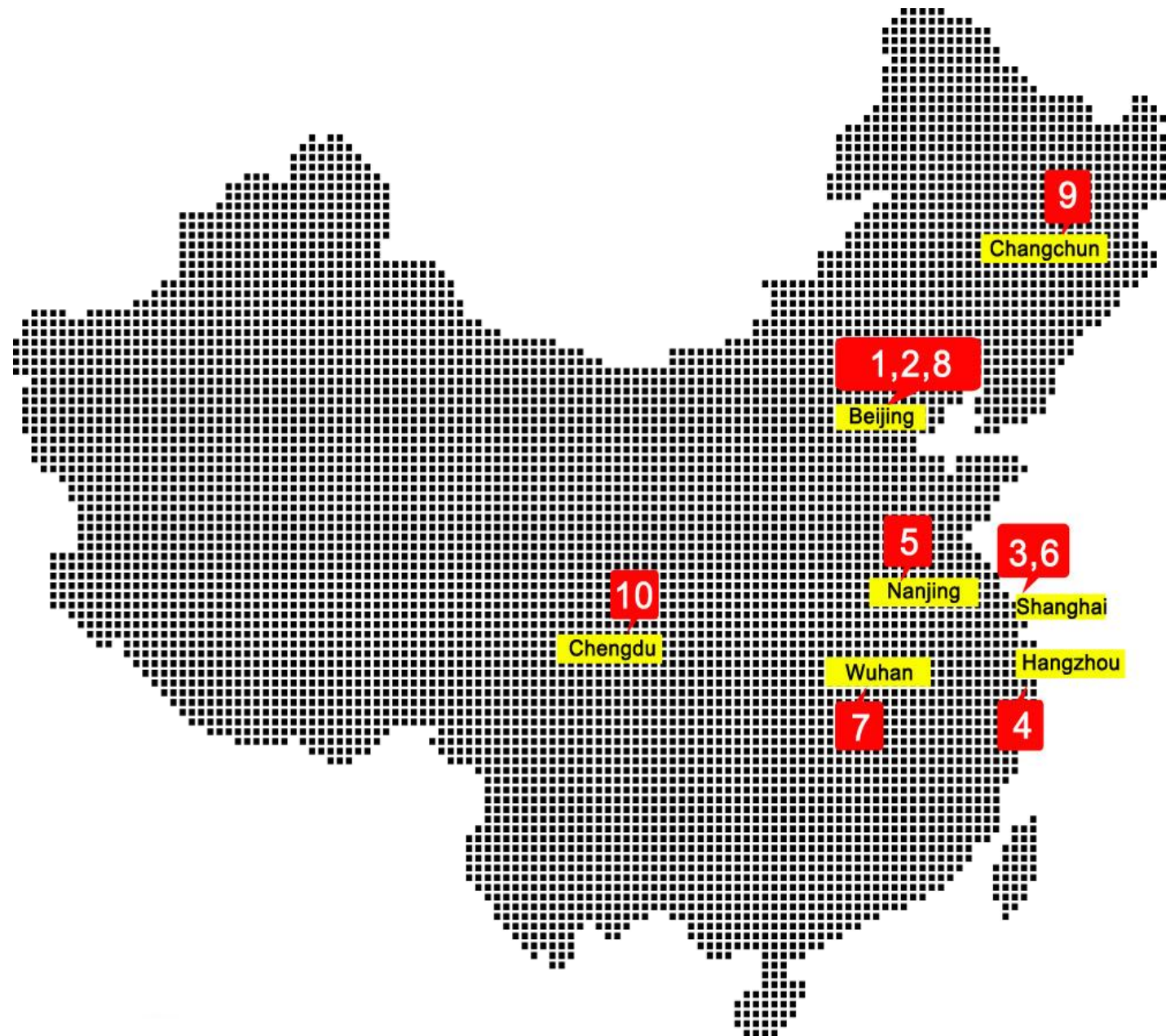


- More vocal/local complaints/realization that China pays twice for research papers funded by government, published by international publishers
(funding research and then subscription or OA fee)
- Internal conflicts, incentives to publish best science internationally v's develop internal publishing systems
- Less international collaboration on articles

Table 2. Topics of conferences on journal editing and publishing in China, 2011

	Topics	Sponsor Institutions
1	Academic integrity, Digital publishing, Publishing policy reform	China Editology Society for Scientific Periodicals (CESSP) http://www.cessp.org.cn
2	Journal evaluation, Journal operation, Publishing policy reform	Beijing Journal Publishing Center Co., Ltd.; Science Evaluation Center of Wuhan University http://www.chinasciencejournal.com/nianhui/index.html
3	Digital publishing, Journal operation, Open Access, Publishing policy reform	Editology Society of Natural Science Periodicals of the Chinese Academy of Science http://www.cas.cn/hy/hyyg/201105/
4	Academic integrity, Digital publishing, Internationalization, Journal evaluation, Journal operation	CESSP; Institute for Science and Technology Information of China; Wanfang Data http://www.cessp.org.cn/ch/reader/view_news.aspx?id=20110503145123001
5	Academic integrity, Internationalization, Publishing policy reform	CAST; GAPP http://www.cast.org.cn
6	Academic integrity, Digital publishing, Journal operation, Publishing policy reform	Society of China University Journals http://www.cujs.com

Top 10 Chinese Universities



- 1 Peking University
- 2 Tsinghua University
- 3 Fudan University
- 4 Zhejiang University
- 5 Nanjing University
- 6 Shanghai Jiao Tong Univ
- 7 Wuhan Univ
- 8 Renmin Uni of China
- 9 Jilin Univ
- 10 Sichuan Univ

Source: Chinese University Alumni Association 2009

211 Project

Table 1 Chinese scientific journals in provinces, municipalities, and autonomous regions

CN serial	Provinces	No. of journals	Proportion (%)	CN serial	Provinces	No. of journals	Proportion (%)
CN11	Beijing	1,578	29.29	CN41	Henan	150	2.78
CN12	Tianjin	153	2.84	CN42	Hubei	235	4.36
CN13	Hebei	140	2.60	CN43	Hunan	150	2.78
CN14	Shanxi	103	1.91	CN44	Guangdong	203	3.77
CN15	Inner Mongolia	56	1.04	CN45	Guangxi	95	1.76
CN21	Liaoning	207	3.84	CN46	Hainan	19	0.35
CN22	Jilin	105	1.95	CN50	Chongqing	93	1.73
CN23	Heilongjiang	182	3.38	CN51	Sichuan	210	3.90
CN31	Shanghai	387	7.18	CN52	Guizhou	37	0.69
CN32	Jiangsu	301	5.59	CN53	Yunnan	66	1.22
CN33	Zhejiang	125	2.32	CN54	Tibet	6	0.11
CN34	Anhui	113	2.10	CN61	Shaanxi	185	3.43
CN35	Fujian	88	1.63	CN62	Gansu	73	1.35
CN36	Jiangxi	83	1.54	CN63	Qinghai	16	0.30
CN37	Shandong	157	2.91	CN64	Ningxia	9	0.17
				CN65	Xinjiang	62	1.15
Total						5,387	

Top 20 Countries in ALL FIELDS, 1999-August 31, 2009

Country Rank - Number of Papers				
Rank	Field	Papers	Citations	Citations per paper
Per Paper				
1	USA	2,974,344	44,669,056	15.02
2	JAPAN	788,650	7,602,742	9.64
3	GERMANY	766,162	9,406,841	12.28
4	ENGLAND	682,018	9,399,334	13.78
5	PEOPLES R CHINA	649,689	3,404,466	5.24
6	FRANCE	548,046	6,304,141	11.5
7	CANADA	424,562	5,233,211	12.33
8	ITALY	403,588	4,417,871	10.95
9	SPAIN	305,430	2,942,425	9.63
10	AUSTRALIA	276,622	3,067,686	11.09
11	RUSSIA	273,189	1,199,538	4.39
12	INDIA	253,520	1,288,075	5.08
13	SOUTH KOREA	237,652	1,515,555	6.38
14	NETHERLANDS	236,344	3,419,657	14.47
15	BRAZIL	175,063	1,039,235	5.94
16	SWEDEN	174,789	2,407,364	13.77
17	SWITZERLAND	171,248	2,693,730	15.73
18	TAIWAN	154,634	974,818	6.3
19	POLAND	138,705	864,073	6.23
20	BELGIUM	128,800	1,613,458	12.53

SOURCE: *Essential Science Indicators* from Thomson Reuters.

The
Job
Market
is
TOUGH



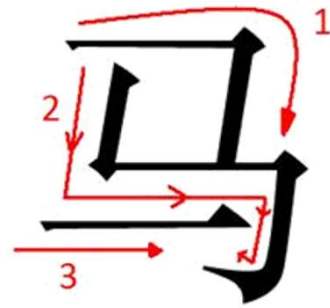
Chinese authors



- Author page charges PLoSOne at \$1350 (£835)
- Page charges Chinese journals \$50-80 (£30-£50)
- Language polishing support \$250-\$300 (£155-£185)
- Not many Chinese OA journals charge APCs (CAST)
- Impact factor still king, career and rules
- Want research to be seen/disseminated widely



Learning Chinese involves remembering complex stroke order



Every character stroke is written in a specific order

三

Write from top to bottom, and left to right.

十

Horizontal before vertical

聿

Character-spanning strokes last

文

Diagonals right-to-left before diagonals left-to-right

水

Center before outside in vertically symmetrical characters

回

Enclosures before contents

口

Left vertical before enclosing

道

Bottom enclosures last

玉

Dots and minor strokes last

Issues for Western Publishers



- Amount of lower quality/rejected articles from China
- Not just language issues (rush to publish/research design)
- How to educate authors on these issue
- Creating a local and global voice
- Local advocates, eyes and ears on the ground
- Finding and attracting best research
- What's the risk if/when China's publishing system develops

Brazil- SciELO



- The Scientific Electronic Library Online, supported by [FAPESP](#) - Fundação de Amparo à Pesquisa do Estado de São Paulo/[CNPq](#) - Conselho Nacional de Desenvolvimento Científico e Tecnológico, BIREME
- Central platform for more than 327 selected Latin American journals (1000 total serials/books) all OA
- Formal assessment of publications/prestige to join
- XML formatting of article data
- Training & support for editors/publications. Funding & financial support
- common methodology for the preparation, storage, dissemination and evaluation of scientific literature in electronic format.

China and Brazil



- Discussing ways to improve publications
- 2nd tier journals work with local authors, improve standards/IF, attract better articles
- Central support v's central rules
- Competition or collaboration
- OA one of many vehicles and discussions

Questions ?



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