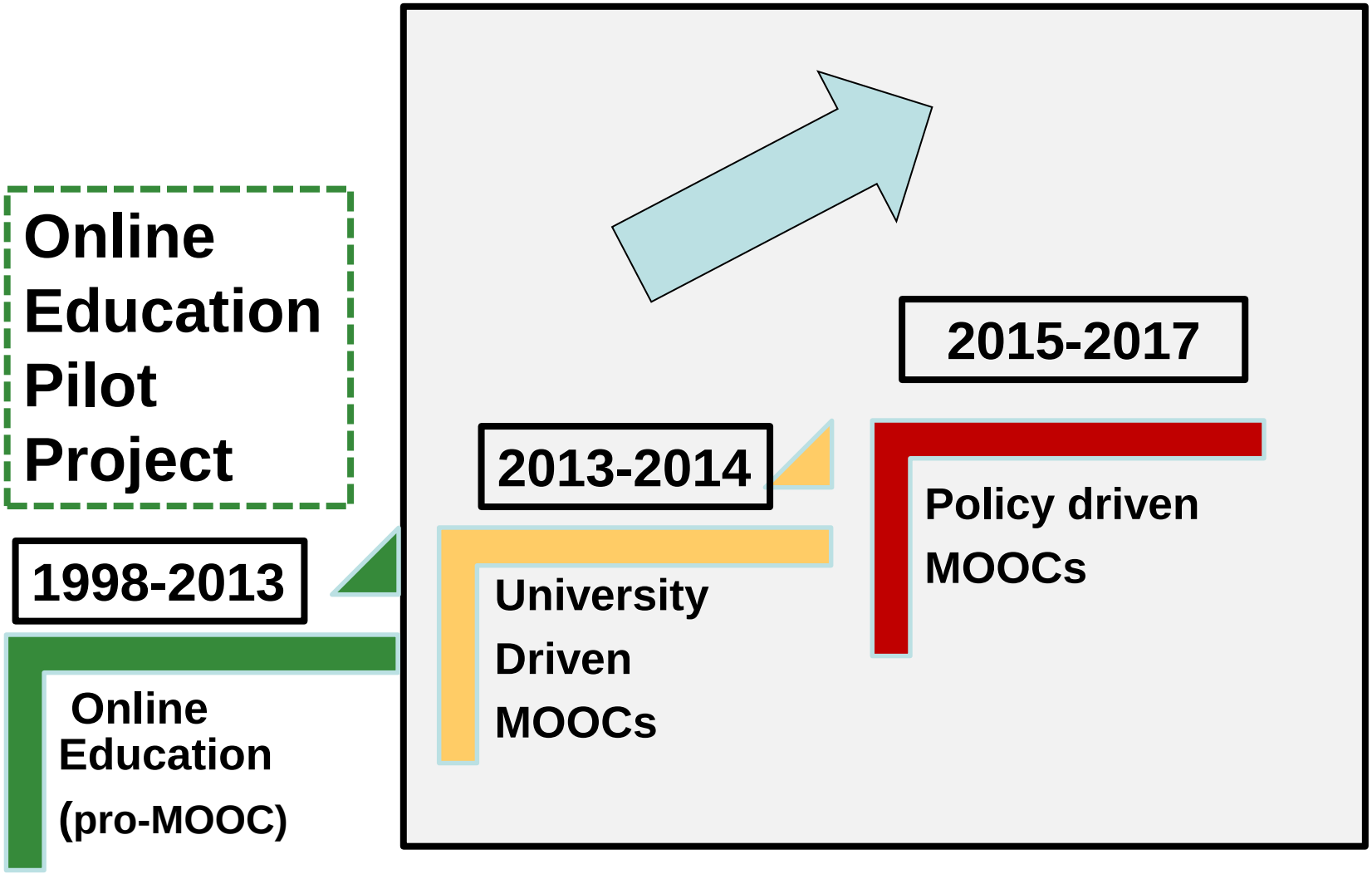
Systematic Research about Impact on Higher Education by MOOCs in Mainland of China

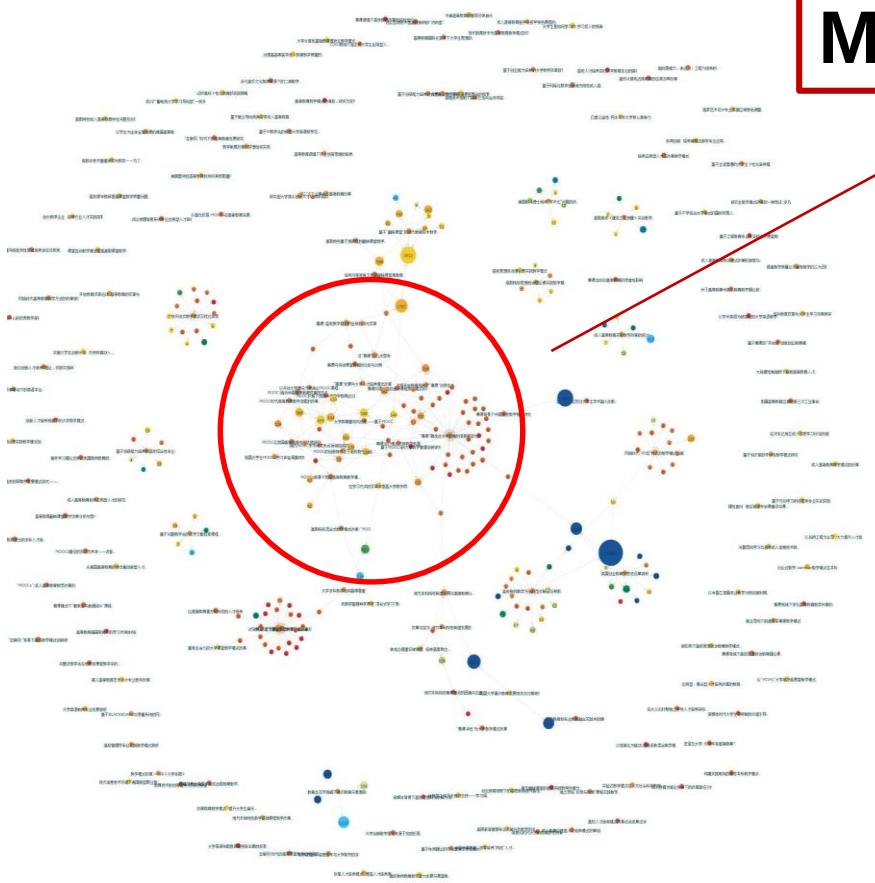
Li Chen Qinhua Zheng Jingjing Zhang
Beijing Normal University
Email: lchen@bnu.edu.cn

16 June, 2017 Hong Kong

The MOOCs in Mainland of China



The largest Community (2012-2017)



MOOCs

The Most Cited article

Potential Impact on High Education by MOOCs (XinMin Sang, Yangbin Xie, Manfu Yang, 2014)

Paper Citation Network on High Education (2012-2017),177 papers

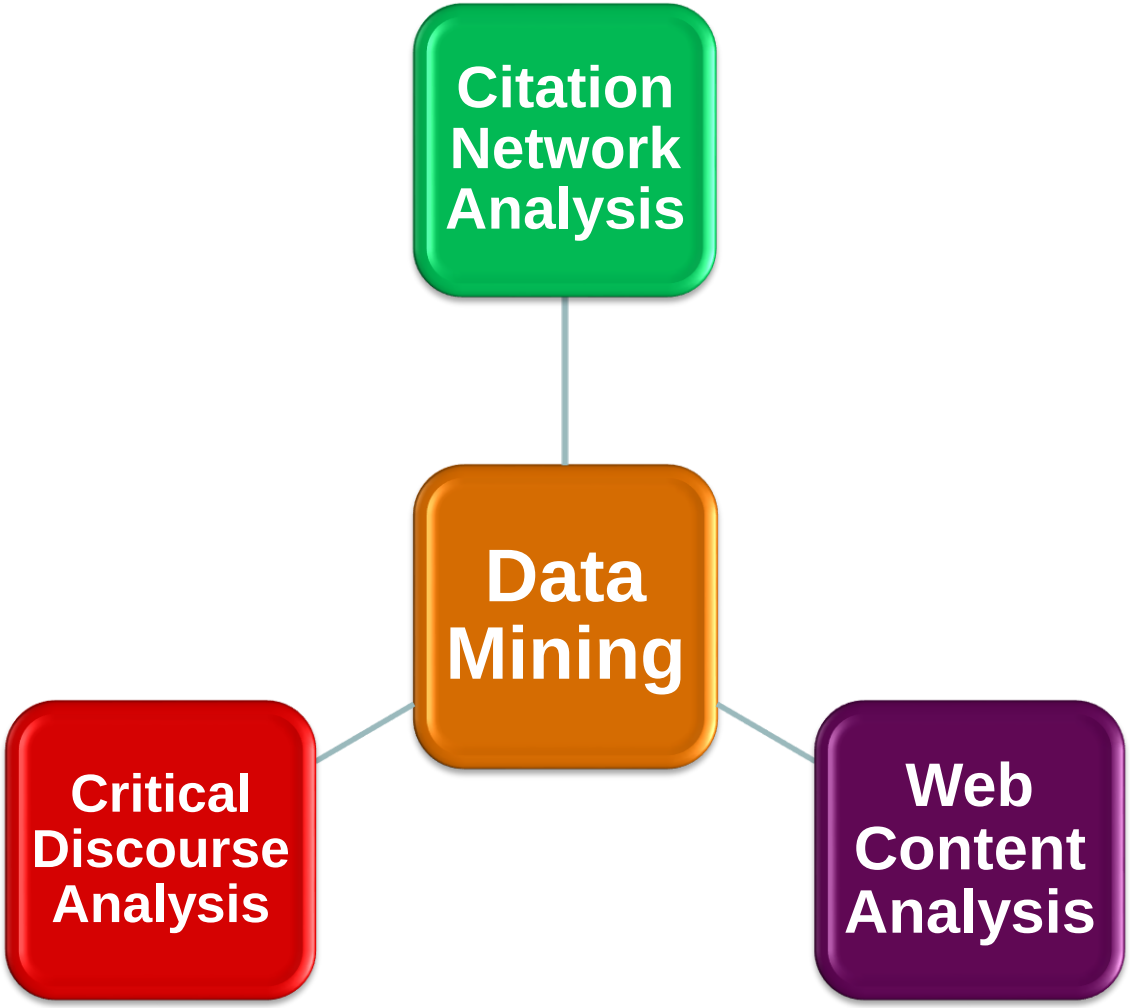
Research Question

What ‘s impact on high education by MOOCs in Mainland of China?

the National Key Project

“Strategic Research on ICT in Education& MOOCs “

Main Research Method



1 TOP DOWN PROMOTING REFORM

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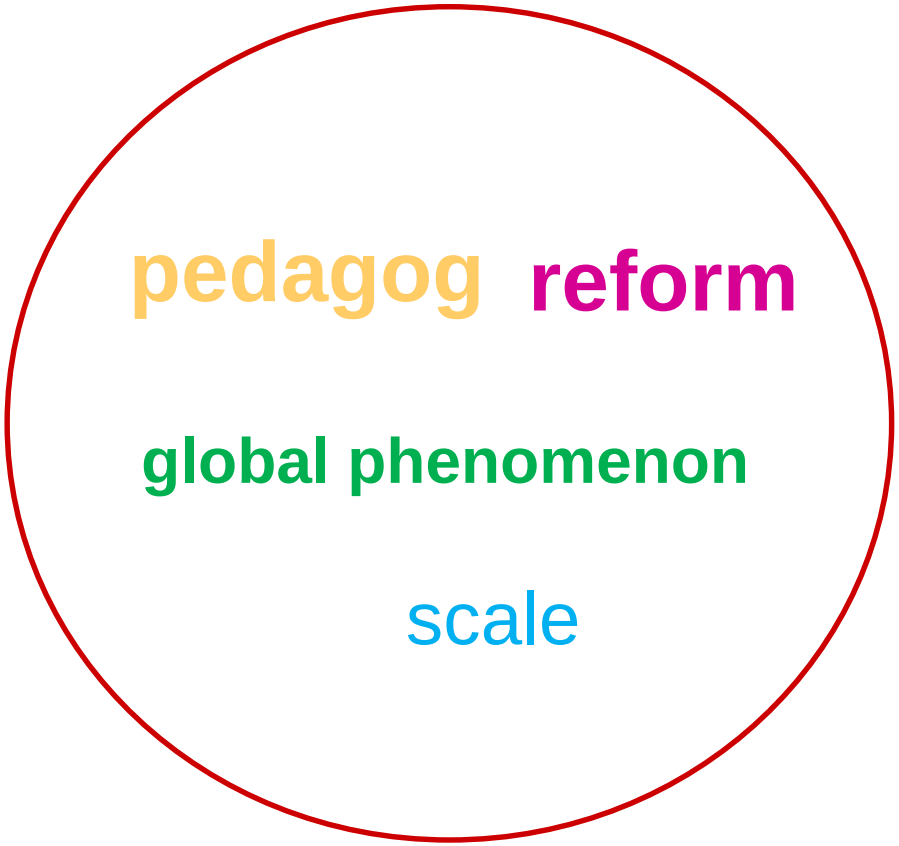
Government Promoting Reform

To develop self-build platform, to share qualified teaching resources by MOOCs, to improve high education quality, to reform teaching and learning, to build new system (Ministry of Education, 2015)

Universities Response Positively

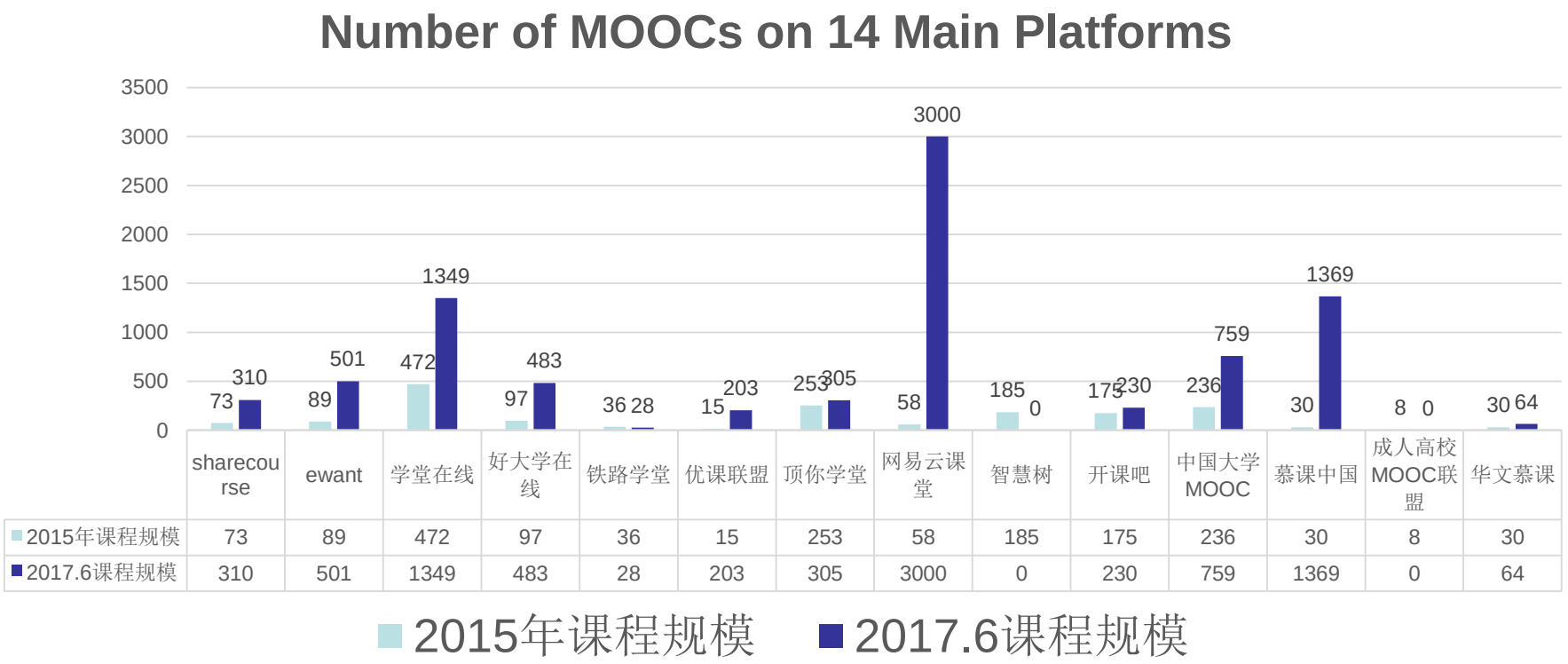
Critical Discourse Analysis

- 548 documents from university Web
- 74 universities
- Manually coding
- up to October 30, 2016.



(Jingjing Zhang, Chenchen Zhou,2017)

Rapid Development



1388 by June, 2015

8601 by June, 2017

2 IMPROVING REPUTATION OF ONLINE EDUCATION QUALITY

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Improved Public Recognition on Online Education

Content Analysis based on Grounded Theory

- Sina Weibo
- about 2000 tweets from Universities, Professor, Leaners
- Manually coding
- 2010-2015

Common emphasis

(Jingjing Zhang, Kirk Perris2, Qinhua Zheng and Li Chen,2015)

First Online Master Degree Program

Tsinghua university Initiated first online master program: *Data Science & Engineer* at September 2015, with regular master degree.

3 CHANGING THE MISSION OF TOP UNIVERSITIES

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Responsibility for Education Equity

- ✓ **Offering MOOCs to widen access to high-quality resources, and to share these resources to a large population (Beijing hang, 2013, Meeting minutes)**
- ✓ **Creating a MOOC center to share top-quality educational resources for the society (East China Normal University, 2013, report)**
- ✓ **Launching a MOOCs project to share specialized courses and high-quality courses (Sun Yat-sen University,2013, official documents)**
- ✓ **Establishing XuetangX to accelerate the process of global sharing of high-quality courses (Tsinghua University, 2016, News)**

Open to the World

- **Edx: Peking + Tsinghua Universities**
- **Coursera: Peking+Fudan+Nanjing+Shang Hai Jiaotong Unviersities**

"*offer MOOCs for **the world*** "(Tsinghua University，2015，Notice；Peking University，2014，Official document)

4

STARTED TO EXPLORE NEW SYSTEM

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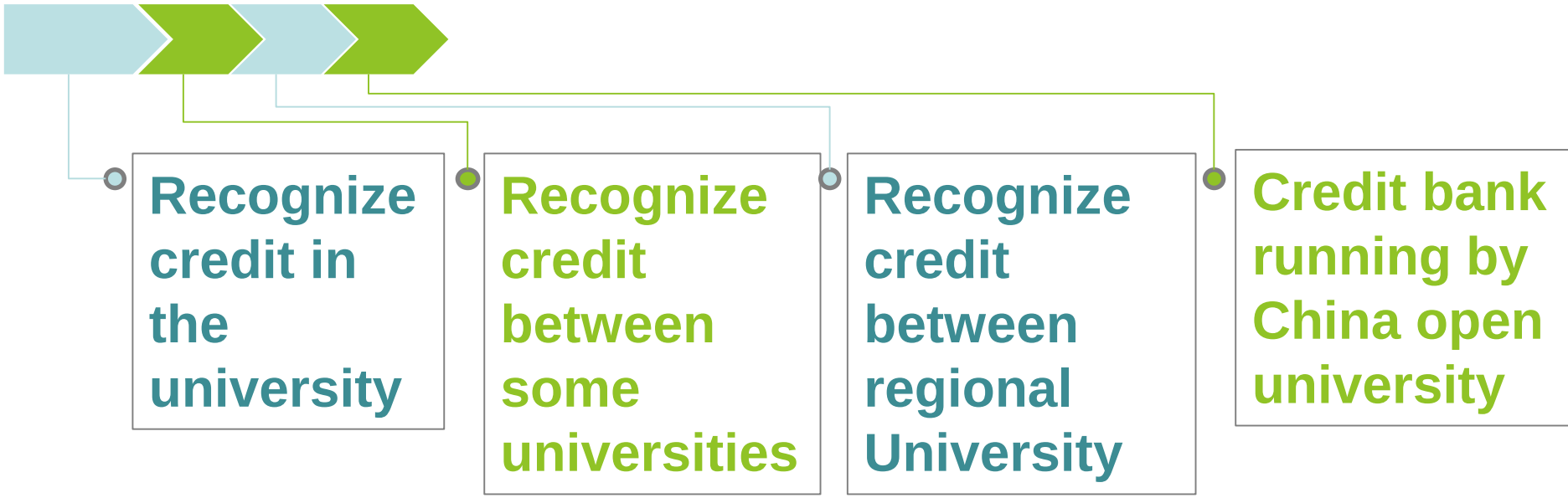
Initiated Credit Recognition System



No qualification framework, No national QA system

5 PAY ATTENTION TO SOCIAL LEARNING

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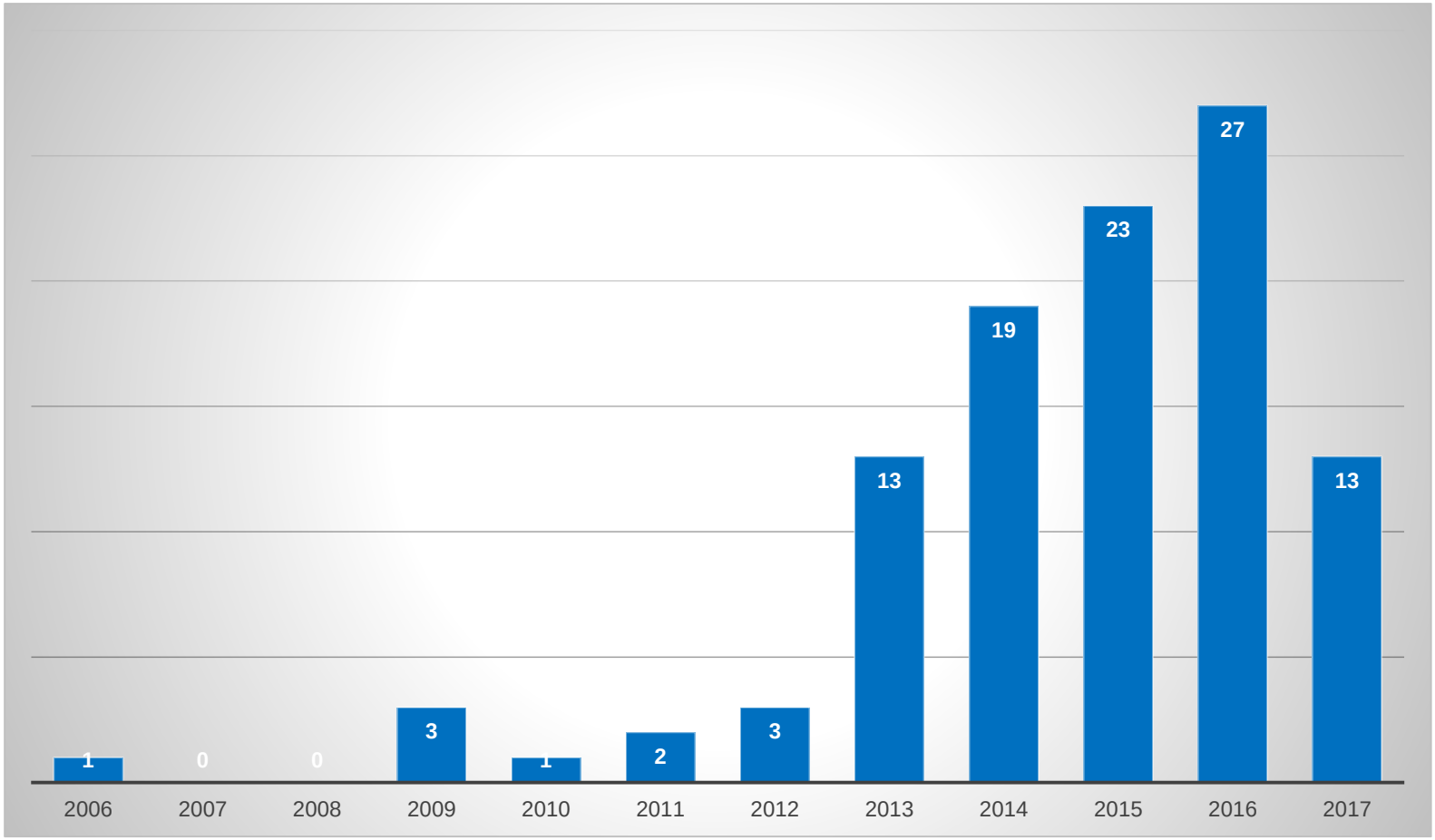
Papers about Connective Learning



Learners are Interested in Social Learning

Subcategory	Concept
Self-Expression	selection, self-control, self-presentation
Social Learning	willing to cooperation, seeking help, interaction, FAQ
Open and Sharing	MOOC reflection, MOOC sharing, MOOC reviews, MOOC study notes, sing with you, reading notes, movie recommendations, result summary, curriculum comparison, course feedback, course notes, course statistics, course evaluation, self-reflection, course recommendations, work sharing, learning experience
Gained Knowledge	course content, knowledge point sharing

Strong Power to Build New High Education

LEARNING： **Qualified** ✚ **Individualized** ✚ **Flexible** ✚ **Lifelong**