

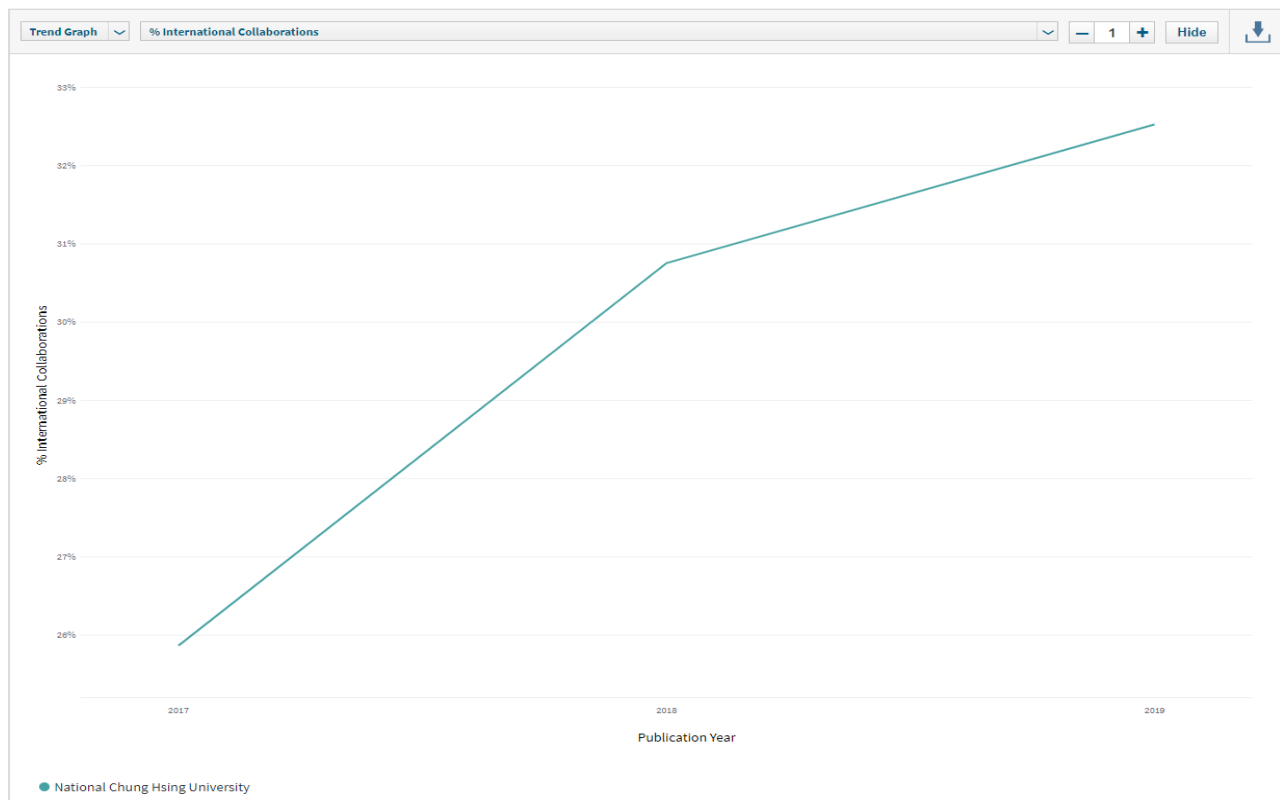
論文質量成長情形與分析

1. 論文數快速上升：截至 109 年 1 月 18 日，本校在 WOS 資料庫收錄 108 年發表論文為 1136 篇(資料庫持續收錄中)，大幅超越目標值 1080 篇。

The screenshot shows the Web of Science search results page. The search criteria are 'ORGANIZATION-ENHANCED: (National Chung Hsing University) ...More'. The results are sorted by 'Times Cited' and show 114 results. The top three results are:

- Taxonomy of the order Bunyavirales: second update 2018**
By: Maes, Piet; Adkins, Scott; Alkhovsky, Sergey V.; et al.
ARCHIVES OF VIROLOGY Volume: 164 Issue: 3 Pages: 927-941 Published: MAR 2019
Times Cited: 29 (from Web of Science Core Collection)
- CRBs for direction-of-departure and direction-of-arrival estimation in collocated MIMO radar in the presence of unknown spatially coloured noise**
By: Wen, Fangqing; Zhang, Xinyu; Zhang, Zijing
IET RADAR SONAR AND NAVIGATION Volume: 13 Issue: 4 Pages: 530-537 Published: APR 2019
Times Cited: 18 (from Web of Science Core Collection)
- Waterproof Fabric-Based Multifunctional Triboelectric Nanogenerator for Universally Harvesting Energy from Raindrops, Wind, and Human Motions and as Self-Powered Sensors**
By: Lai, Ying-Chih; Hsiao, Yung-Chi; Wu, Hsing-Mei; et al.
Times Cited: 17 (from Web of Science Core Collection)

2. 國際合作論文數量及比例逐年成長：自 106 年之 26%快速上升為 33.2%，321 篇，超越目標值 310 篇。



InCites dataset updated Dec 19, 2019. . Includes Web of Science content indexed through Nov 22, 2019.

3.HiCi 高引用論文數大幅提升：自 106 年 68 篇成長至 108 年 75 篇，預期每年在動植物科學、農學、生物生化學、化學、臨床醫學及工程等領域新增 1-2 篇，共產出 6-7 篇 HiCi 高引用論文數。

| Highly Cited Papers | Publication Year | | | | | | | | | | | 加總 |
|------------------------------|------------------|------|------|------|------|------|------|------|------|------|------|----|
| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | |
| Agricultural Sciences | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 6 |
| Biology & Biochemistry | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 2 | 0 | 1 | 0 | 7 |
| Chemistry | 3 | 2 | 2 | 0 | 0 | 4 | 0 | 0 | 1 | 1 | 1 | 14 |
| Clinical Medicine | 0 | 0 | 0 | 1 | 2 | 2 | 1 | 0 | 1 | 1 | 0 | 8 |
| Computer Science | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Economics & Business | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 3 |
| Engineering | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 7 |
| Environment/Ecology | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 5 |
| Geosciences | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Immunology | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Materials Science | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 4 |
| Mathematics | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Microbiology | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Molecular Biology & Genetics | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 |
| Multidisciplinary | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Neuroscience & Behavior | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pharmacology & Toxicology | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Physics | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Plant & Animal Science | 1 | 0 | 0 | 2 | 6 | 0 | 2 | 1 | 1 | 1 | 0 | 14 |
| Psychiatry/Psychology | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Social Sciences, general | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| Space Science | | | | | 0 | 0 | 0 | | | | | 0 |
| 各年度加總 | 7 | 4 | 7 | 5 | 11 | 10 | 7 | 7 | 4 | 7 | 6 | 75 |

資料來源 InCites 資料庫