

APPENDIX: News Update 2021-2022 Tables

The Appendix includes Table 2 – comparing 11- and two-year output measures in NTU Scientific Papers

Table 3, comparing QS Asian rankings, with US News, NTU and QS World rankings

Table 4: Nature Young Universities

Table 2 compares the article output and citation counts for the top five universities in the world and top China based on the 11-year article output ranking. All the non-Chinese universities rank higher on the 11-year rankings. University of Tokyo is included for comparison to highlight how its ranking goes down while the Chinese rankings go up.

TABLE 2: Comparison of 11 year and 2 year output and citation rankings -
Top 5 in world and Asia based on 11 year output

World	ARTICLES		CITATIONS	
	11 yr.	2 yr.	11 yr.	2 yr.
3 U Toronto	1	3	2	6
6 U College London (UCL)	2	8	5	5
5 Johns Hopkins	3	7	4	7
9 U Michigan	4	9	9	11
54 U São Paulo	5	10	57	57
17 Shanghai Jiao Tong	9	2	48	9
19 Zhejiang	11	1	50	10
40 U Tokyo	13	18	29	43
14 Tsinghua	18	5	37	2
23 Peking	19	4	43	12
39 Sun Yat Sen	37	6	97	18

Table 3 Asian universities. Only QS Asia is a separate ranking using different metrics and including only eastern and southeast Asia. Highlighted universities are in all rankings and those in blue are unique to one ranking. Universities with the top gold rating in QS World are highlighted in gold.

	US News Global		NTU 2021		QS Asia 2022		QS World	2022
	827	1750			687		399	
	Asia Rank	World Rank		World Rank	Top 11	Asia Rank		Asia Rank
Tsinghua U	1	26	Tsinghua U	14	NUS	1	NUS	11
Ntl U Singapore (NUS)	2	29	<i>Shanghai Jiao Tong</i>	17	Peking	2	NTU	12
Nanyang Technological U (NTU)	3	33	<i>Zhejiang U</i>	19	NTU	3	Tsinghua	17
King Abdulaziz	4	44	Peking U	23	<i>Hong Kong</i>	3	Peking	18
Peking U	5	45	Ntl U Singapore	33	Tsinghua	5	<i>U Hong Kong</i>	22
<i>U Hong Kong</i>	6	76	<i>Huazhong U Sci Tecl</i>	34	<i>Zhejiang</i>	6	U Tokyo	23
U Tokyo	7	77	<i>Sun Yat-sen</i>	39	<i>Fudan</i>	7	<i>Fudan</i>	31
<i>Chinese U HK</i>	8	82	U Tokyo	40	<i>U Malaya</i>	8	<i>Kyoto</i>	33
King Abdullah U Sci Tech	9	97	<i>Fudan U</i>	47	<i>HKUST</i>	9	<i>HKUST</i>	34
Hong Kong U Science & Tech	10	105	<i>Seoul Ntl U</i>	56	<i>Shanghai JiaoTong</i>	10	<i>Seoul Ntl</i>	36
Shanghai Jiao Tong	10	105	<i>U Sci & Tech China</i>	57	<i>Chinese U HK</i>	11	<i>Chinese U</i>	39
<i>U Science & Technology China</i>	12	110	NTU -SG	60	U Tokyo	11	<i>Korean Inst of Sci Tech</i>	41

U.S. News Global Asia has 47% of all universities in the global ranking.

<https://www.usnews.com/education/best-global-universities/asia>

NTU does not have regional rankings. Tokyo and NTU went down from 2020. Huazhong has the biggest gain, increasing 33 ranks.

<http://nturanking.csti.tw/>

QS Asia: <https://www.topuniversities.com/university-rankings/asian-university-rankings/2022>

QS World with SDGs: <https://www.topuniversities.com/university-rankings/world-university-rankings/2022>

Country Distribution: China 8, Hong Kong 3, Japan, Malaysia, Saudi Arabia, Singapore and South Korean, 1

Table 4: Nature Young University Rankings 2021

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150 institutions, using 2020 data for 2021 rankings									
Universities founded after 1970; Nature includes Hong Kong and Macau in China's count. I do not									
			2021	2019	2021 Top Per Category				
						TOP	Category Rank		
1	U Chinese Academy of Science	CN	1978	1	RISING 25	SUS Tech	U Oldenberg 11 DE	U Tech Sydney 17	
2	Southern U of Science & Tech	CN	2012	7	CHEMISTRY 50	UCAS	U Wollongong 29	Linköping (35) sw	
3	Nanyang Technological U	SG	1971	2	LIFE SCINECE 50	UCAS	Oregon Hlth 2	U Wollongong 37	
4	Korea Advanced Inst of Sci Tech	KR	1971	4	PHYS SCIENCE 50	UCAS	Vienna U Tech 10	U Wollongong 21	
5	Hong Kong U Science & Tech	HK	1991	5	EARTH &ENVIR 25	UCAS	Wageningen 8 NL	Curtin 7	
6	King Abdullah u of Scie Tech	SA	2009	6					
7	City U Hong Kong	HK	1994	12					
8	Pohang U Sci Tech	KR	1986	8					
9	Ulsan Ntl Ins of Sci & Tech	KR	2009	10					
10	Shenzhen U	CN	1983	13					
11	China U of Geoscience	CN	1987	nr					
12	Shanghai Tech U	CN	2013	22					
13	Zhejiang U of Tech	CN	1993	nr					
14	HK Polytechnic U	HK	1994	24					
15	Homi Bhabha Ntl Inst	IN	2005	16					

UCAS has almost double the count of its nearest university; U Wollongong at 32 is tops in Oceania

2021 Ranking - Three 2019 top 15 dropped out due to age

<https://www.natureindex.com/supplements/nature-index-2021-young-universities/tables/overall>

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