

The Higher Education, her sene uluslararası saygınlığa sahip Dünya Üniversiteleri sıralamasını yayımlar. Bu yıl, 81 ülkeden 1102 üniversiten öğretim, araştırma, Atıf, bilgi geliri ve tanınırlık olmak üzere beş ölçüte göre sıralanmıştır. Tablo 1’de THE sıralamasına tabi olan üniversitelerin buldukları ülkelere göre sayısı gösterilmiştir. Tablodaki ülkeler, üniversite sayısına göre en yüksekten en düşüğe göre sıralanmıştır.

Tablo 1. THE sıralamasına alınan üniversitelerin buldukları ülkelere göre sayısı

	Ülke	Üniversite Sayısı	Oranı (%)		Ülke	Üniversite Sayısı	Oranı (%)
1	United States	157	14,2	42	Norway	5	,5
2	United Kingdom	93	8,4	43	Romania	5	,5
3	Japan	89	8,1	44	Saudi Arabia	5	,5
4	China	63	5,7	45	Ukraine	5	,5
5	Germany	44	4,0	46	Indonesia	4	,4
6	India	42	3,8	47	United Arab Emirates	4	,4
7	Italy	39	3,5	48	Jordan	3	,3
8	Australia	35	3,2	49	Morocco	3	,3
9	Brazil	32	2,9	50	Slovakia	3	,3
10	France	31	2,8	51	Venezuela	3	,3
11	Taiwan	31	2,8	52	Croatia	2	,2
12	Spain	29	2,6	53	Cyprus	2	,2
13	Russian Federation	27	2,5	54	Estonia	2	,2
14	South Korea	27	2,5	55	Iceland	2	,2
15	Canada	26	2,4	56	Latvia	2	,2
16	Turkey	22	2,0	57	Lithuania	2	,2
17	Iran	18	1,6	58	Singapore	2	,2
18	Chile	13	1,2	59	Slovenia	2	,2
19	Czech Republic	13	1,2	60	Tunisia	2	,2
20	Netherlands	13	1,2	61	Algeria	1	,1
21	Poland	12	1,1	62	Argentina	1	,1
22	Mexico	11	1,0	63	Bangladesh	1	,1
23	Sweden	11	1,0	64	Belarus	1	,1
24	Pakistan	10	,9	65	Bulgaria	1	,1
25	Switzerland	10	,9	66	Costa Rica	1	,1
26	Thailand	10	,9	67	Georgia	1	,1
27	Egypt	9	,8	68	Ghana	1	,1
28	Finland	9	,8	69	Kenya	1	,1
29	Ireland	9	,8	70	Kuwait	1	,1
30	Malaysia	9	,8	71	Lebanon	1	,1
31	Portugal	9	,8	72	Luxembourg	1	,1
32	Austria	8	,7	73	Macao	1	,1
33	Belgium	8	,7	74	Nigeria	1	,1
34	New Zealand	8	,7	75	Northern Cyprus	1	,1
35	South Africa	8	,7	76	Oman	1	,1
36	Denmark	7	,6	77	Peru	1	,1
37	Greece	7	,6	78	Philippines	1	,1
38	Hungary	7	,6	79	Qatar	1	,1
39	Hong Kong	6	,5	80	Sri Lanka	1	,1
40	Israel	6	,5	81	Uganda	1	,1
41	Colombia	5	,5		Toplam	1102	100,0

THE sıralamasında en çok üniversitesi bulunan ilk üç ülke ABD, İngiltere ve Japonya'dır. Türkiye'den 22 üniversite, THE'nın sıralaması için değerlendirilmiştir. Türkiye'deki üniversitelerin sıralaması ve isimleri Tablo 2'de sunulmuştur.

Tablo 2. THE sıralamasına alınan Türkiye'deki Üniversiteler

THE Sırası	Üniversite Adı
222	Koç University
392	Bilkent University
394	Boğaziçi University
557	Atılım University
589	Gebze Technical University
591	Hacettepe University
758	Izmir Institute of Technology
772	Marmara University
826	TOBB University of Economics and Technology
874	Yıldız Technical University
879	Anadolu University
880	Ankara University
890	Dokuz Eylül University
900	Gazi University
927	Ondokuz Mayıs University
972	Yeditepe University
990	Sabancı University
1037	Istanbul Technical University
1042	Middle East Technical University
1060	Akdeniz University
1068	Erciyes University
1071	Istanbul University

Merak edilen acaba THE'nın sıralama ölçütlerinin kendi aralarındaki ilişkinin nasıl olduğudur. Bunun için öğretim, araştırma, atıf, bilgi geliri ve tanınırlık değişkenleri arasındaki ilişki spearman korelasyon katsayısı ile hesaplanmış ve sonuçları Tablo 3'de gösterilmiştir.

Tablo 3. THE'nin ölçütleri arasındaki ilişki katsayıları

	Öğretim	Araştırma	Atıf	Bilgi Geliri	Tanınırlık
Öğretim	1,000				
Araştırma	,798**	1,000			
Atıf	,611**	,701**	1,000		
Bilgi Geliri	,471**	,569**	,313**	1,000	
Tanınırlık	,363**	,538**	,626**	,174**	1,000

**p<0.01

1102 üniversitenin öğretim, araştırma, atıf ve bilgi geliri ölçümleri arasındaki en yüksek ilişkinin 0,798 katsayısıyla öğretim ile araştırma arasında bulunmuştur. Bu şu demektir: üniversitelerin öğretim hizmetlerine ilişkin kalite ölçümleri arttıkça araştırma etkinlikleri ölçümleri de artmaktadır. Üniversitelerin öğretim hizmetlerinin kalitesi ile araştırma etkinlikleri birlikte doğrusal yönde değişmektedir. Bulunan ilişki katsayısı, öğretim hizmetleri kalitesi ile araştırma etkinlikleri arasında yüksek bir ilişkinin varlığına işaret etmektedir. Aynı zamanda bulunan bu ilişki, gelişigüzel bulunmuş bir ilişki değildir, istatistiksel açıdan oldukça önemlidir (p<0.01). Üniversitelerin öğretim hizmetleri kalitesinin %64'ü, araştırma etkinlikleriyle açıklanabildiğidir. Bir başka deyişle üniversitelerin araştırma etkinliklerine, öğretim hizmetlerinin kalitesinin katkısı %64'dür.

En düşük ilişki 0,174 katsayısı ile üniversitelerin tanınırlığı ile bilgiden elde ettikleri gelirler arasında bulunmuştur. Üniversitelerin tanınırlık ölçümleri arttıkça bilgiden elde edilen gelir ölçümleri de artmaktadır. Üniversitelerin tanınırlıkları ile bilgi gelirleri birlikte doğrusal yönde değişmekte ancak bu birlikte olan değişkenliğin kuvveti düşük düzeydedir. Buna rağmen bulunan bu düşük miktardaki doğrusal yönlü ilişki, gelişigüzel bulunmuş bir ilişki değildir, istatistiksel açıdan oldukça önemlidir (p<0.01). Üniversitelerin tanınırlıklarının %3'ü, bilgi gelirleriyle açıklanabilmektedir. Bir başka deyişle üniversitelerin bilgi gelirleri ölçümlerine, üniversitelerin tanınırlıklarının katkısı %3'dür. Dolayısıyla üniversitelerin bilgi gelirlerine, üniversitelerin tanınırlıkları dışında daha çok başka değişkenlerin katkısı bulunmaktadır.

Şimdi 1102 üniversiteyi öğretim, araştırma, atıf, bilgi geliri ve tanınırlık değişkenlerine göre üç kümeye ayıralım. Bunun için kümeleme analizinden yararlanalım. Keza kümeleme analizinin amacı gruplanmamış verileri benzerliklerine göre sınıflandırmaktır. Birimleri (üniversiteleri) benzerliklerine göre sınıflandırma işleminde öğretim, araştırma, atıf, bilgi geliri ve tanınırlık olmak üzere bu beş değişken temel alınacağını belirtmek isterim. Yapılan sınıflandırma sonuçlarını şu şekilde özetleyeyim. İlk öğretim, araştırma, atıf, bilgi geliri ve tanınırlık ölçümlerinin her biri sınıflandırma işlemi için önemli birer değişken olarak bulunmuştur. 1.kümede 55 ülkeden 451 üniversite; 2.kümede 63 ülkeden 558 üniversite ve 3.kümede 17 ülkeden 93 üniversite yer almıştır. [Kümelere göre üniversitelerin adları ve buldukları ülkelerin listesi bu yazının sonunda Ek 1'de verilmiştir.]

Kümeleme analizinin yapmış olduğu sınıflandırma işleminin doğruluk oranını belirlemek üzere bir de ayırma analizi yapılmıştır. Ayırma analizi sonucunda yapılan sınıflandırmanın tahminlenen ile gözlenen arasındaki doğruluk oranı %94.1 olarak elde edilmiştir.

Kümeleme ve ayırma analizlerinin teknik olarak kullanılma nedeni, 1102 üniversiteyi ölçütler temelinde kendi içinde homojen ancak kümeler arasında heterojen alt gruplara ayırmak içindir. Bir başka deyişle öznel, keyfe dayalı bir sınıflama yapılmak istenmediği içindir.

Şimdi elimizde 3 küme var. 3 ayrı kümede yer alan üniversitelerin öğretim, araştırma, atıf, bilgi geliri ve tanınırlık ölçümlerine ilişkin betimsel istatistikleri Tablo 4’de verilmiştir.

Tablo 4. Kümelere göre öğretim, araştırma, atıf, bilgi geliri ve tanınırlık ölçümlerinin betimsel istatistikleri

		Öğretim	Araştırma	Alıntı	Bilgi Geliri	Tanırlık
1.Küme=451 üniversite	En küçük	11,1	3,0	0,8	0,6	7,9
	En yüksek	53,8	52,9	79,5	100,0	85,5
	Ortalama	23,0	15,0	22,2	46,5	29,6
	Std.sapma	6,7	8,6	13,3	19,0	13,6
2.Küme=558 üniversite	En küçük	14,6	1,3	3,7	0,0	13,2
	En yüksek	73,7	77,4	100,0	88,5	99,8
	Ortalama	29,5	25,9	65,0	39,4	58,4
	Std.sapma	10,5	14,0	20,3	12,1	21,1
3.Küme=93 üniversite	En küçük	35,5	36,0	15,8	34,6	25,2
	En yüksek	90,3	99,5	100,0	100,0	99,5
	Ortalama	60,5	67,9	81,8	75,6	65,3
	Std.sapma	15,6	17,2	17,3	19,6	19,9

1.kümede bulunan 451 üniversitenin öğretim, araştırma, atıf ve tanınırlık olmak üzere 4 ölçümün ortalamaları, 2 ve 3.kümelerdeki üniversitelere göre düşüktür. 3. Kümede bulunan 93 üniversitenin öğretim, araştırma, atıf, bilgi geliri ve tanınırlık ölçümlerinin ortalamaları, 1 ve 2.kümelerdeki üniversitelerin ortalamalarından daha yüksek olduğu gözlenmiştir. Bu durumda öğretim, araştırma, atıf, bilgi geliri ve tanınırlık ölçütlerine göre en yüksek puanlı üniversitelerin 3 nolu kümede bulunduğu söylenebilir. Bu arada 3 nolu kümede Türkiye’den hiçbir üniversite bulunmamaktadır. Türkiye’deki 17 üniversite 1 nolu kümede bulunurken 5 üniversite 2 nolu kümededir.

Acaba bu kümelerdeki üniversitelerin öğretim, araştırma, atıf, bilgi geliri ve tanınırlık ölçümleri arasındaki ilişkilerde bir farklılaşma olmuş mudur? Hadi bakalım. 1. Kümedeki üniversitelerin THE ölçütlerinin ölçümleri arasındaki ilişki katsayıları Tablo 5’de gösterilmiştir.

Tablo 5. 1.kümedeki üniversitelerin THE ölçütleri arasındaki ilişki katsayıları

		Öğretim	Araştırma	Alıntı	Bilgi Geliri	Tanınırlık
1.Küme= 451 üniversite	Öğretim	1,000				
	Araştırma	,572**	1,000			
	Alıntı	,389**	,525**	1,000		
	Bilgi Geliri	,407**	,672**	,523**	1,000	
	Tanınırlık	,049	,198**	,215**	,150**	1,000

**p<0.01

Tablodaki her bir katsayının yorumu yapılmamıştır. Ancak, bilen okuyucu her bir katsayıyı yorumlayabilecektir. Burada dikkat çekilmek istenen konu 1102 üniversite ele alındığında en yüksek ve en düşük ilişkinin bulunduğu değişken çiftleri arasındaki ilişkiyi kümeler bağlamında tekrar incelemektir. Bu durumda 1102 üniversite örnekleminde en yüksek ilişki öğretim hizmetleri kalitesi ile araştırma etkinlikleri arasında bulunmuştu. Bu ilişki 0,798 idi. Ancak 451 üniversitenin birlikte sınıflandırıldığı 1 nolu kümede öğretim hizmetleri kalitesi ile araştırma etkinlikleri arasında 0,572 olan orta düzeyde rassal olmayan bir ilişki bulunmuştur. Nispeten ilişkinin kuvveti düşmüştür ancak ilişkinin yönü değişmemiştir. Bir başka deyişle 1 nolu kümedeki üniversitelerin öğretim hizmetleri kalitesi ile araştırma etkinlikleri arasında doğrusal yönde birlikte değişen bir değişkenlik gözlenmiştir.

1102 üniversite örnekleminde en düşük ilişki 0,174 katsayısı ile üniversitelerin tanınırlığı ile bilgiden elde edilen gelir ölçümleri arasında bulunmuştu. Ancak 451 üniversitenin birlikte sınıflandırıldığı 1 nolu kümede üniversitelerin tanınırlığı ile bilgi gelir ölçümleri arasında 0,150 olan düşük düzeyde rassal olmayan bir ilişki bulunmuştur. Nispeten ilişkinin kuvveti düşmüştür ancak ilişkinin yönü değişmemiştir. Bir başka deyişle 1 nolu kümedeki üniversitelerin tanınırlığı ile bilgi gelirleri arasında doğrusal yönde birlikte değişen bir değişkenlik düşük kuvvette gözlenmiştir.

2. Kümedeki üniversitelerin THE ölçütlerinin ölçümleri arasındaki ilişki katsayıları Tablo 6'da gösterilmiştir.

Tablo 6. 2.kümedeki üniversitelerin THE ölçütleri arasındaki ilişki katsayıları

		Öğretim	Araştırma	Alıntı	Bilgi Geliri	Tanınırlık
2.Küme=558 üniversite	Öğretim	1,000				
	Araştırma	,780**	1,000			
	Alıntı	,521**	,548**	1,000		
	Bilgi Geliri	,444**	,516**	,378**	1,000	
	Tanınırlık	,133**	,374**	,183**	,232**	1,000

**p<0.01

558 üniversitenin birlikte sınıflandırıldığı 2 nolu kümede öğretim hizmetleri kalitesi ile araştırma etkinlikleri arasında 0,780 olan yüksek düzeyde rassal olmayan bir ilişki

bulunmuştur. Bir başka deyişle 2 nolu kümedeki üniversitelerin öğretim hizmetleri kalitesi ile araştırma etkinlikleri arasında doğrusal yönde birlikte değişen yüksek kuvvette bir değişkenlik gözlenmiştir.

2 nolu kümede üniversitelerin tanınırlığı ile bilgi gelirleri arasında 0,232 olan düşük düzeyde rassal olmayan bir ilişki bulunmuştur. 1102 üniversite için üniversitelerin tanınırlığı ile bilgi gelirleri arasındaki ilişki 0,174 bulunmuştu. Bu kümede nispeten ilişkinin kuvveti artmıştır. İlişkinin yönü değişmemiştir. Bir başka deyişle 2 nolu kümedeki üniversitelerin tanınırlığı ile bilgi gelir ölçümleri arasında doğrusal yönde birlikte değişen bir değişkenlik düşük kuvvette gözlenmiştir.

3. Kümedeki üniversitelerin THE ölçütlerinin ölçümleri arasındaki ilişki katsayıları Tablo 7’de gösterilmiştir.

Tablo 7. 3.kümedeki üniversitelerin THE ölçütleri arasındaki ilişki katsayıları

		Öğretim	Araştırma	Alıntı	Bilgi Geliri	Tanınilık
3.Küme=93 üniversite	Öğretim	1,000				
	Araştırma	,926**	1,000			
	Alıntı	,520**	,604**	1,000		
	Bilgi Geliri	-,449**	-,459**	-,383**	1,000	
	Tanınilık	,113	,277**	,499**	-,220*	1,000

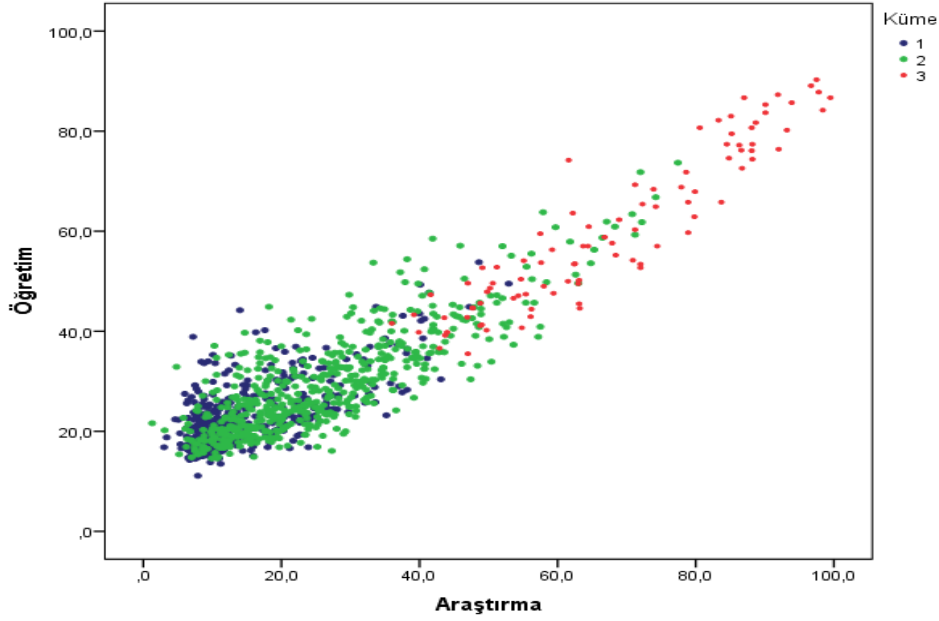
*p<0.05 **p<0.01

93 üniversitenin birlikte sınıflandırıldığı 3 nolu kümede öğretim hizmetleri kalitesi ile araştırma etkinlikleri arasında 0,926 olan çok yüksek kuvvette rassal olmayan bir ilişki bulunmuştur. Bir başka deyişle 3 nolu kümedeki üniversitelerin öğretim hizmetleri kalitesi ile araştırma etkinlikleri arasında doğrusal yönde birlikte değişen yüksek kuvvette bir değişkenlik gözlenmiştir. 1102 üniversite için öğretim hizmetleri kalitesi ile araştırma etkinlikleri arasındaki ilişki 0,798 idi. Bu kümede bulunan ilişkinin 1102 üniversite örneğine göre daha yüksek bulunduğu gözlenmiştir.

3 nolu kümede üniversitelerin tanınırlığı ile bilgi geliri ölçümleri arasında -0,220 olan düşük düzeyde rassal olmayan ancak negatif yönlü bir ilişki bulunmuştur. 1102 üniversite için üniversitelerin tanınırlığı ile bilgi geliri ölçümleri arasındaki ilişki 0,174 bulunmuştu. Bu kümede nispeten ilişkinin kuvveti artmış ancak yönü değişmiştir. Bir başka deyişle 3 nolu kümedeki üniversitelerin tanınırlığı ile bilgi gelirleri arasında doğrusal zıt yönlü değişen bir değişkenlik gözlenmiştir. 3 nolu kümede üniversitelerin tanınırlığı arttıkça bilgi geliri ölçümlerş azalmaktadır.

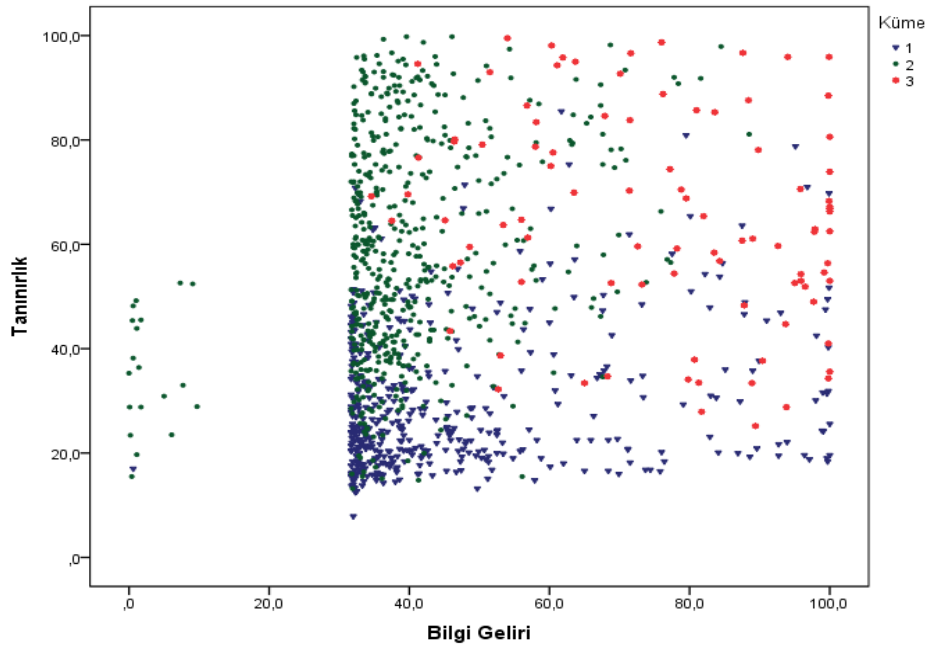
3.kümede üniversitelerin bilgi geliri ölçümleri ile öğretim hizmetleri, araştırma, alıntı ölçütleri arasında bulunan ilişkinin negatif yönü dikkate değerdir. Çünkü 1102 üniversite söz konusu olduğunda bu ölçütler arasında hesaplanan ilişki katsayılarının Tablo 4’de pozitif yönlü olduğu gözlenecektir.

Şekil 1’de en yüksek ilişkinin bulunduğu öğretim hizmetleri ile araştırma etkinleri arasındaki ilişki grafiği kümelere göre renklendirilerek gösterilmiştir.



Şekil 1. En yüksek ilişkinin bulunduğu öğretim hizmetleri ile araştırma etkinlikleri arasındaki ilişki grafiği

Şekil 2’de en düşük ilişkinin bulunduğu tanınırlık ile bilgi gelirleri arasındaki ilişki grafiği kümelere göre renklendirilerek gösterilmiştir.



Şekil 2. En düşük ilişkinin bulunduğu tanınırlık ile bilgi gelirleri arasındaki ilişki grafiği

Not: Bu rapora konu olan bulgular, Prof.Dr. Ali Baykal’ın academia’da paylaştığı THE 2018 üniversite sıralaması isimli veri dosyası kullanılarak elde edilmiştir.

https://www.academia.edu/35418642/Times_Higher_Education_2018_%C3%9Cniversiteler_S%C4%B1ralamas%C4%B1

Ek 1. Kümelere göre THE sıralamasına alınan üniversiter ve buldukları ülkeler

THE Sırası	Ülke	Üniversite	Küme No
862	Algeria	University of Tlemcen	1
952	Bangladesh	University of Dhaka	
724	Belarus	Belarusian State University	
226	Belgium	University of Liège	
430	Brazil	State University of Campinas	
582	Brazil	Federal University of ABC (UFABC)	
583	Brazil	Federal University of Minas Gerais	
584	Brazil	Federal University of Rio de Janeiro	
639	Brazil	São Paulo State University (UNESP)	
741	Brazil	Federal University of Ceará (UFC)	
743	Brazil	Federal University of Rio Grande do Norte (UFRN)	
744	Brazil	Federal University of Santa Catarina	
745	Brazil	Federal University of São Carlos	
794	Brazil	Pontifical Catholic University of Paraná	
795	Brazil	Pontifical Catholic University of Rio Grande do Sul (PUCRS)	
799	Brazil	Rio de Janeiro State University (UERJ)	
818	Brazil	State University of Ponta Grossa	
834	Brazil	University of Brasília	
893	Brazil	Federal University of Goiás	
894	Brazil	Federal University of Lavras	
895	Brazil	Federal University of Ouro Preto	
896	Brazil	Federal University of Paraná (UFPR)	
897	Brazil	Federal University of Santa Maria	
898	Brazil	Fluminense Federal University	
916	Brazil	Londrina State University	
941	Brazil	State University of Maringá	
942	Brazil	State University of Western Paraná (Unioeste)	
963	Brazil	University of the Sinos Valley	
1032	Brazil	Federal University of Itajubá	
1049	Brazil	Pontifical Catholic University of Rio de Janeiro (PUC-Rio)	
1069	Brazil	Federal University of Pernambuco	
1099	Brazil	Federal University of Viçosa	
939	Bulgaria	Sofia University	
460	Canada	University of Saskatchewan	
706	Canada	University of Windsor	
720	Chile	Andrés Bello University (UNAB)	
723	Chile	Austral University of Chile	
730	Chile	Catholic University of the North	

796	Chile	Pontifical Catholic University of Valparaíso
849	Chile	University of La Frontera
856	Chile	University of Santiago, Chile (USACH)
864	Chile	University of Valparaíso
1091	Chile	University of Concepción
564	China	Capital Medical University
567	China	China Agricultural University
568	China	China University of Geosciences, Beijing
569	China	China University of Geosciences, Wuhan
594	China	Hunan University
617	China	Nanjing Agricultural University
619	China	Nanjing Normal University
641	China	Shanghai University
755	China	Huaqiao University
761	China	Jinan University
786	China	NorthWest A&F University
787	China	Northwest University
805	China	Shaanxi Normal University
872	China	Xiangtan University
903	China	Guangxi University
935	China	Shanghai Maritime University
994	China	Huazhong University of Science and Technology
1000	China	Tongji University
1002	China	Wuhan University
1005	China	Harbin Institute of Technology
1015	China	Shandong University
1016	China	Soochow University
1017	China	South China University of Technology
1018	China	Southeast University
1020	China	Tianjin University
1022	China	Xi'an Jiaotong University
1024	China	Beihang University
1025	China	Beijing Institute of Technology
1026	China	Central South University
1029	China	Dalian University of Technology
1030	China	East China University of Science and Technology
1044	China	Nanjing Tech University
1048	China	Northwestern Polytechnical University
1053	China	Sichuan University
1059	China	University of Science and Technology Beijing
1064	China	Beijing Jiaotong University
1065	China	China University of Mining and Technology
1066	China	China University of Petroleum, Beijing

1067	China	Chongqing University
1072	China	Jiangsu University
1081	China	Northeastern University
1082	China	Ocean University of China
1092	China	University of Electronic Science and Technology of China
1094	China	Wuhan University of Technology
1095	China	Xidian University
1101	China	Southwest Jiaotong University
739	Colombia	Del Rosario University
781	Colombia	National University of Colombia
833	Colombia	University of Antioquia
868	Croatia	University of Zagreb
575	Czech Republic	Czech Technical University in Prague
664	Czech Republic	University of Chemistry and Technology, Prague
726	Czech Republic	Brno University of Technology
738	Czech Republic	Czech University of Life Sciences Prague (CULS)
828	Czech Republic	Tomas Bata University in Zlín
854	Czech Republic	University of Ostrava
855	Czech Republic	University of Pardubice
865	Czech Republic	University of West Bohemia
870	Czech Republic	VŠB - Technical University of Ostrava
945	Czech Republic	Technical University of Liberec
714	Egypt	Ain Shams University
716	Egypt	Alexandria University
728	Egypt	Cairo University
771	Egypt	Mansoura University
815	Egypt	South Valley University
644	Estonia	Tallinn University of Technology
499	Finland	Lappeenranta University of Technology
1019	Finland	Tampere University of Technology
512	France	Panthéon-Sorbonne University – Paris 1
621	France	National Institute of Applied Sciences of Lyon (INSA Lyon)
792	France	Paris Nanterre University
838	France	University of Cergy-Pontoise
1031	France	École Centrale de Lyon
907	Georgia	Ivane Javakhishvili Tbilisi State University
358	Germany	Leibniz University of Hanover
992	Germany	Hamburg University of Technology
1001	Germany	University of Kaiserslautern
843	Ghana	University of Ghana
682	Greece	University of Patras
683	Hungary	University of Pécs

727	Hungary	Budapest University of Technology and Economics
737	Hungary	Corvinus University of Budapest
841	Hungary	University of Debrecen
554	India	Aligarh Muslim University
596	India	Indian Institute of Technology (Banaras Hindu University)
597	India	Indian School of Mines
599	India	Jadavpur University
640	India	Savitribai Phule Pune University
667	India	University of Delhi
718	India	Amrita University
719	India	Andhra University
721	India	Annamalai University
725	India	Birla Institute of Technology and Science, Pilani
736	India	Cochin University of Science and Technology
759	India	Jamia Millia Islamia
791	India	Osmania University
793	India	Pondicherry University
817	India	Sri Venkateswara University
824	India	Thapar University
836	India	University of Calcutta
848	India	University of Kerala
869	India	VIT University
878	India	Amity University
899	India	G.B. Pant University of Agriculture & Technology, Pantnagar
901	India	GITAM University
908	India	Jawaharlal Nehru Technological University Anantapur (JNTUA)
918	India	Maharaja Sayajirao University of Baroda
919	India	Manipal University
930	India	PSG College of Technology
932	India	SASTRA University
933	India	Sathyabama University
940	India	SRM University
943	India	Tamil Nadu Agricultural University
960	India	University of Mysore
982	India	Indian Institute of Science
988	India	Indian Institute of Technology Bombay
1006	India	Indian Institute of Technology Delhi
1007	India	Indian Institute of Technology Kanpur
1008	India	Indian Institute of Technology Kharagpur
1009	India	Indian Institute of Technology Roorkee
1033	India	Indian Institute of Technology Madras

846	Indonesia	University of Indonesia
1062	Indonesia	Bandung Institute of Technology (ITB)
1089	Indonesia	Universitas Gadjah Mada
1098	Indonesia	Bogor Agricultural University
647	Iran	Tehran University of Medical Sciences
694	Iran	University of Tabriz
696	Iran	University of Tehran
747	Iran	Ferdowsi University of Mashhad
844	Iran	University of Guilan
877	Iran	Alzahra University
951	Iran	University of Birjand
966	Iran	University of Zanjan
1023	Iran	Amirkabir University of Technology
1035	Iran	Iran University of Science and Technology
1036	Iran	Isfahan University of Technology
1039	Iran	K.N. Toosi University of Technology
1052	Iran	Sharif University of Technology
1084	Iran	Shahid Beheshti University
1085	Iran	Shiraz University
1093	Iran	University of Isfahan
391	Israel	Bar-Ilan University
561	Israel	Ben-Gurion University of the Negev
466	Japan	University of Tsukuba
592	Japan	Hiroshima University
601	Japan	Kagawa University
602	Japan	Kanazawa University
604	Japan	Keio University
607	Japan	Kobe University
608	Japan	Kochi University
609	Japan	Kumamoto University
616	Japan	Nagoya City University
629	Japan	Okayama University
631	Japan	Osaka City University
649	Japan	Tokyo University of Agriculture and Technology
650	Japan	Tokyo University of Science
710	Japan	Waseda University
712	Japan	Yokohama City University
735	Japan	Chuo University
740	Japan	Ehime University
750	Japan	Gifu University
753	Japan	Hamamatsu University School of Medicine
754	Japan	Hosei University
757	Japan	Iwate University

760	Japan	Jikei University School of Medicine
762	Japan	Kagoshima University
763	Japan	Kansai Medical University
765	Japan	Kindai University
766	Japan	Kitasato University
767	Japan	Kyoto Institute of Technology
768	Japan	Kyushu Institute of Technology
775	Japan	Nagaoka University of Technology
776	Japan	Nagasaki University
777	Japan	Nara Medical University
785	Japan	Niigata University
790	Japan	Osaka Prefecture University
800	Japan	Ritsumeikan University
802	Japan	Saitama Medical University
803	Japan	Saitama University
807	Japan	Shiga University of Medical Science
808	Japan	Shimane University
809	Japan	Shinshu University
810	Japan	Shizuoka University
811	Japan	Showa University
814	Japan	Sophia University
825	Japan	The University of Electro-Communications
827	Japan	Tokai University
852	Japan	University of Miyazaki
863	Japan	University of Toyama
867	Japan	University of Yamanashi
873	Japan	Yamaguchi University
876	Japan	Akita University
889	Japan	Chiba Institute of Technology
891	Japan	Doshisha University
905	Japan	Ibaraki University
909	Japan	Kanagawa University
910	Japan	Kansai University
913	Japan	Kogakuin University
914	Japan	Kwansei Gakuin University
920	Japan	Meijo University
926	Japan	Oita University
936	Japan	Shibaura Institute of Technology Tokyo
946	Japan	Tokyo City University
947	Japan	Tokyo Denki University
948	Japan	Tottori University
949	Japan	Toyo University
953	Japan	University of Fukui

956	Japan	University of Hyogo
968	Japan	Utsunomiya University
984	Japan	Tokyo Institute of Technology
985	Japan	Nagoya University
989	Japan	Kyushu University
993	Japan	Hokkaido University
999	Japan	Tokyo Medical and Dental University (TMDU)
1027	Japan	Chiba University
1038	Japan	Juntendo University
1075	Japan	Meiji University
1076	Japan	Mie University
1077	Japan	Nagoya Institute of Technology
1083	Japan	Saga University
1086	Japan	Tokushima University
1087	Japan	Tokyo University of Marine Science and Technology
1088	Japan	Toyohashi University of Technology
1096	Japan	Yamagata University
1097	Japan	Yokohama National University
847	Jordan	University of Jordan
904	Jordan	Hashemite University
853	Kenya	University of Nairobi
798	Latvia	Riga Technical University
850	Latvia	University of Latvia
911	Lithuania	Kaunas University of Technology
651	Malaysia	Universiti Kebangsaan Malaysia
652	Malaysia	Universiti Putra Malaysia
653	Malaysia	Universiti Sains Malaysia
654	Malaysia	Universiti Teknologi Malaysia
950	Malaysia	Universiti Utara Malaysia
1056	Malaysia	Universiti Teknologi Petronas
1090	Malaysia	Universiti Tenaga Nasional (UNITEN)
773	Mexico	Metropolitan Autonomous University
881	Mexico	Autonomous University of Baja California
882	Mexico	Autonomous University of Hidalgo State (UAEH)
883	Mexico	Autonomous University of Nuevo León
884	Mexico	Autonomous University of Puebla
885	Mexico	Autonomous University of the State of Mexico
886	Mexico	Autonomous University of Yucatán
922	Mexico	National Polytechnic University (IPN)
955	Mexico	University of Guadalajara
1043	Mexico	Monterrey Institute of Technology and Higher Education
1045	Mexico	National Autonomous University of Mexico

774	Morocco	Mohammed V University of Rabat
851	Morocco	University of Marrakech Cadi Ayyad
938	Morocco	Sidi Mohamed Ben Abdellah University
845	Nigeria	University of Ibadan
236	Northern Cyprus	Eastern Mediterranean University
820	Oman	Sultan Qaboos University
830	Pakistan	University of Agriculture, Faisalabad
929	Pakistan	PMAS Arid Agriculture University Rawalpindi
957	Pakistan	University of Lahore
961	Pakistan	University of Peshawar
965	Pakistan	University of Veterinary and Animal Sciences, Lahore
553	Poland	AGH University of Science and Technology
713	Poland	Adam Mickiewicz University
749	Poland	Gdańsk University of Technology
784	Poland	Nicolaus Copernicus University in Toruń
858	Poland	University of Silesia in Katowice
866	Poland	University of Wrocław
915	Poland	Łódz University of Technology
954	Poland	University of Gdańsk
958	Poland	University of Łódź
598	Portugal	ISCTE-University Institute of Lisbon
1057	Portugal	University of Minho
717	Romania	Alexandru Ioan Cuza University
751	Romania	Grigore T. Popa University of Medicine and Pharmacy
835	Romania	University of Bucharest
871	Romania	West University of Timișoara
635	Russian Federation	Peter the Great St Petersburg Polytechnic University
769	Russian Federation	Lobachevsky State University of Nizhni Novgorod
779	Russian Federation	National Research Saratov State University
788	Russian Federation	Novosibirsk State Technical University
816	Russian Federation	Southern Federal University
892	Russian Federation	Far Eastern Federal University
923	Russian Federation	National Research University of Electronic Technology (MIET)
928	Russian Federation	Perm State University
931	Russian Federation	RUDN University
934	Russian Federation	Sechenov University
937	Russian Federation	Siberian Federal University
967	Russian Federation	Ural Federal University
970	Russian Federation	Voronezh State University
983	Russian Federation	Moscow Institute of Physics and Technology

997	Russian Federation	National Research Nuclear University MEPhI
1010	Russian Federation	ITMO University
1021	Russian Federation	Tomsk State University
1047	Russian Federation	National University of Science and Technology (MISiS)
1051	Russian Federation	Samara State Aerospace University
1063	Russian Federation	Bauman Moscow State Technical University
1102	Russian Federation	Volgograd State Technical University
497	Saudi Arabia	King Fahd University of Petroleum and Minerals
756	Saudi Arabia	Imam Abdulrahman Bin Faisal University
1011	Saudi Arabia	King Saud University
813	Slovakia	Slovak University of Technology in Bratislava
822	Slovakia	Technical University of Košice
218	South Africa	University of the Witwatersrand
859	South Africa	University of South Africa
1058	South Africa	University of Pretoria
498	South Korea	Konkuk University
550	South Korea	University of Ulsan
570	South Korea	Chonbuk National University
571	South Korea	Chonnam National University
611	South Korea	Kyungpook National University
689	South Korea	University of Seoul
711	South Korea	Yeungnam University
715	South Korea	Ajou University
734	South Korea	Chungnam National University
752	South Korea	Hallym University
804	South Korea	Seoul National University of Science and Technology (SeoulTech)
986	South Korea	Gwangju Institute of Science and Technology
987	South Korea	Hanyang University
991	South Korea	Chung-Ang University
995	South Korea	Kyung Hee University
1004	South Korea	Ewha Womans University
1034	South Korea	Inha University
1050	South Korea	Pusan National University
1054	South Korea	Sogang University
645	Spain	Technical University of Madrid
678	Spain	University of Murcia
690	Spain	University of Seville
704	Spain	University of Vigo
829	Spain	University of A Coruña
831	Spain	University of Alicante
832	Spain	University of Almería
837	Spain	University of Castilla-La Mancha

211	Sweden	Swedish University of Agricultural Sciences
566	Taiwan	Chang Gung University
620	Taiwan	National Chengchi University
623	Taiwan	National Sun Yat-Sen University
733	Taiwan	Chung Yuan Christian University
746	Taiwan	Feng Chia University
748	Taiwan	Fu Jen Catholic University
778	Taiwan	National Chung Cheng University
780	Taiwan	National Taipei University
783	Taiwan	National University of Tainan
875	Taiwan	Yuan Ze University
888	Taiwan	Chaoyang University of Technology
921	Taiwan	Ming Chuan University
925	Taiwan	National University of Kaohsiung
944	Taiwan	Tamkang University
996	Taiwan	National Chiao Tung University
998	Taiwan	National Taiwan University of Science and Technology (Taiwan Tech)
1003	Taiwan	China Medical University, Taiwan
1013	Taiwan	National Cheng Kung University (NCKU)
1014	Taiwan	National Taiwan Normal University
1040	Taiwan	Kaohsiung Medical University
1046	Taiwan	National Central University
1055	Taiwan	Taipei Medical University
1061	Taiwan	Asia University, Taiwan
1070	Taiwan	I-Shou University
1078	Taiwan	National Dong Hwa University
1079	Taiwan	National Taipei University of Technology
1080	Taiwan	National Taiwan Ocean University
1100	Taiwan	National Chiayi University
643	Thailand	Suranaree University of Technology
732	Thailand	Chiang Mai University
764	Thailand	Kasetsart University
797	Thailand	Prince of Songkla University
912	Thailand	King Mongkut's University of Technology North Bangkok
1012	Thailand	Mahidol University
1028	Thailand	Chulalongkorn University
1041	Thailand	King Mongkut's University of Technology Thonburi
1073	Thailand	Khon Kaen University
1074	Thailand	King Mongkut's Institute of Technology Ladkrabang
959	Tunisia	University of Monastir

964	Tunisia	University of Tunis El Manar	
222	Turkey	Koç University	
589	Turkey	Gebze Technical University	
758	Turkey	Izmir Institute of Technology	
772	Turkey	Marmara University	
826	Turkey	TOBB University of Economics and Technology	
874	Turkey	Yıldız Technical University	
879	Turkey	Anadolu University	
880	Turkey	Ankara University	
890	Turkey	Dokuz Eylül University	
900	Turkey	Gazi University	
927	Turkey	Ondokuz Mayıs University	
990	Turkey	Sabancı University	
1037	Turkey	Istanbul Technical University	
1042	Turkey	Middle East Technical University	
1060	Turkey	Akdeniz University	
1068	Turkey	Erciyes University	
1071	Turkey	Istanbul University	
821	Ukraine	Taras Shevchenko National University of Kyiv	
917	Ukraine	Lviv Polytechnic National University	
924	Ukraine	National Technical University of Ukraine – Kyiv Polytechnic Institute	
969	Ukraine	V.N. Karazin Kharkiv National University	
770	United Kingdom	London South Bank University	
801	United Kingdom	Robert Gordon University	
806	United Kingdom	Sheffield Hallam University	
188	United States	University of Delaware	
215	United States	University of South Florida	
558	United States	Auburn University	
614	United States	Marquette University	
666	United States	University of Dayton	
729	United States	California Polytechnic State University, San Luis Obispo	
789	United States	Oakland University	
823	United States	Texas State University	
860	United States	University of Southern Mississippi	
731	Venezuela	Central University of Venezuela	
812	Venezuela	Simón Bolívar University	
962	Venezuela	University of the Andes, Venezuela	
782	Argentina	National University of Córdoba	
83	Australia	University of New South Wales	
106	Australia	University of Western Australia	2
125	Australia	University of Adelaide	
175	Australia	James Cook University	

179	Australia	Queensland University of Technology
198	Australia	University of South Australia
200	Australia	University of Technology Sydney
205	Australia	Griffith University
214	Australia	University of Newcastle
219	Australia	University of Wollongong
220	Australia	Charles Darwin University
228	Australia	University of Tasmania
231	Australia	La Trobe University
284	Australia	Macquarie University
313	Australia	Deakin University
314	Australia	Flinders University
341	Australia	Victoria University
350	Australia	Curtin University
370	Australia	University of Canberra
411	Australia	Murdoch University
421	Australia	RMIT University
429	Australia	Southern Cross University
431	Australia	Swinburne University of Technology
472	Australia	Western Sydney University
477	Australia	Australian Catholic University
479	Australia	Bond University
484	Australia	Central Queensland University
490	Australia	Edith Cowan University
547	Australia	University of the Sunshine Coast
692	Australia	University of Southern Queensland
150	Austria	University of Vienna
208	Austria	Medical University of Vienna
213	Austria	University of Innsbruck
223	Austria	Medical University of Graz
229	Austria	Vienna University of Technology
232	Austria	Graz University of Technology
441	Austria	University of Graz
494	Austria	Johannes Kepler University of Linz
119	Belgium	Université Catholique de Louvain
159	Belgium	Université Libre de Bruxelles
185	Belgium	University of Antwerp
230	Belgium	Vrije Universiteit Brussel
400	Belgium	Hasselt University
302	Brazil	University of São Paulo
491	Brazil	Federal University of São Paulo (UNIFESP)
585	Brazil	Federal University of Rio Grande do Sul
742	Brazil	Federal University of Pelotas

35	Canada	University of British Columbia
42	Canada	McGill University
102	Canada	University of Montreal
112	Canada	University of Alberta
187	Canada	University of Calgary
201	Canada	University of Waterloo
202	Canada	Western University
203	Canada	Dalhousie University
207	Canada	Laval University
209	Canada	Queen's University
210	Canada	Simon Fraser University
272	Canada	University of Ottawa
340	Canada	University of Victoria
389	Canada	York University
447	Canada	University of Manitoba
481	Canada	Carleton University
486	Canada	Concordia University
504	Canada	Memorial University of Newfoundland
524	Canada	Université de Sherbrooke
541	Canada	University of Québec
680	Canada	University of Northern British Columbia (UNBC)
684	Canada	University of Regina
488	Chile	Diego Portales University
492	Chile	Federico Santa María Technical University
514	Chile	Pontifical Catholic University of Chile
665	Chile	University of Chile
861	Chile	University of Talca
364	China	Sun Yat-sen University
473	China	Xiamen University
483	China	Central China Normal University
489	China	East China Normal University
516	China	Renmin University of China
588	China	Fuzhou University
593	China	Huazhong Agricultural University
618	China	Nanjing Medical University
627	China	Northeast Normal University
642	China	Shantou University
515	Colombia	Pontifical Javeriana University
699	Colombia	University of the Andes
840	Costa Rica	University of Costa Rica
545	Croatia	University of Split
351	Cyprus	Cyprus University of Technology
438	Cyprus	University of Cyprus

396	Czech Republic	Charles University in Prague
503	Czech Republic	Masaryk University
633	Czech Republic	Palacký University Olomouc
103	Denmark	Aarhus University
104	Denmark	University of Copenhagen
142	Denmark	Technical University of Denmark
172	Denmark	Aalborg University
174	Denmark	Copenhagen Business School
216	Denmark	University of Southern Denmark
422	Denmark	Roskilde University
555	Egypt	American University in Cairo
562	Egypt	Beni-Suef University
722	Egypt	Assiut University
819	Egypt	Suez Canal University
339	Estonia	University of Tartu
167	Finland	Aalto University
239	Finland	University of Helsinki
275	Finland	University of Tampere
301	Finland	University of Oulu
333	Finland	University of Eastern Finland
385	Finland	University of Turku
444	Finland	University of Jyväskylä
72	France	Paris Sciences et Lettres – PSL Research University Paris
107	France	École Polytechnique
204	France	École des Ponts ParisTech
244	France	Pierre and Marie Curie University
253	France	Paris-Sud University
254	France	École Normale Supérieure de Lyon
258	France	Paris-Sorbonne University – Paris 4
265	France	Paris Diderot University – Paris 7
279	France	Aix-Marseille University
318	France	Grenoble Alpes University
330	France	University of Bordeaux
353	France	Federal University of Toulouse Midi-Pyrénées
360	France	Montpellier University
367	France	Université de Versailles Saint-Quentin-en-Yvelines
372	France	University of Côte d'Azur
383	France	University of Strasbourg
395	France	CentraleSupélec
397	France	Claude Bernard University Lyon 1
426	France	Sciences Po
446	France	University of Lille
478	France	Blaise Pascal University

523	France	Université Bourgogne Franche-Comté (UBFC)
536	France	University of Lorraine
537	France	University of Nantes
578	France	École Normale Supérieure de Cachan
695	France	University of Technology of Compiègne
62	Germany	Humboldt University of Berlin
86	Germany	Free University of Berlin
90	Germany	University of Tübingen
116	Germany	University of Mannheim
135	Germany	University of Cologne
146	Germany	Ulm University
151	Germany	University of Würzburg
157	Germany	University of Münster
189	Germany	University of Duisburg-Essen
191	Germany	University of Hamburg
195	Germany	University of Konstanz
206	Germany	Johannes Gutenberg University of Mainz
212	Germany	University of Bayreuth
242	Germany	University of Göttingen
271	Germany	University of Kiel
273	Germany	University of Passau
274	Germany	University of Potsdam
280	Germany	Bielefeld University
283	Germany	Goethe University Frankfurt
294	Germany	University of Bremen
297	Germany	University of Hohenheim
299	Germany	University of Marburg
326	Germany	Technical University of Dortmund
357	Germany	Justus Liebig University Giessen
442	Germany	University of Greifswald
461	Germany	University of Siegen
632	Germany	Otto von Guericke University of Magdeburg
373	Greece	University of Crete
475	Greece	Aristotle University of Thessaloniki
476	Greece	Athens University of Economics and Business
507	Greece	National and Kapodistrian University of Athens
533	Greece	University of Ioannina
698	Greece	University of the Aegean
111	Hong Kong	City University of Hong Kong
163	Hong Kong	Hong Kong Polytechnic University
402	Hong Kong	Hong Kong Baptist University
427	Hungary	Semmelweis University
581	Hungary	Eötvös Loránd University

693	Hungary	University of Szeged
193	Iceland	University of Iceland
420	Iceland	Reykjavík University
595	India	Indian Institute of Technology Guwahati
622	India	National Institute of Technology Rourkela
634	India	Panjab University
648	India	Tezpur University
308	Iran	Babol Noshirvani University of Technology
971	Iran	Yazd University
110	Ireland	Trinity College Dublin
177	Ireland	National University of Ireland, Galway
180	Ireland	Royal College of Surgeons in Ireland
184	Ireland	University College Dublin
368	Ireland	University College Cork
398	Ireland	Dublin City University
409	Ireland	Maynooth University
534	Ireland	University of Limerick
577	Ireland	Dublin Institute of Technology
264	Israel	Hebrew University of Jerusalem
267	Israel	Tel Aviv University
327	Israel	Technion Israel Institute of Technology
670	Israel	University of Haifa
255	Italy	Scuola Normale Superiore di Pisa
269	Italy	University of Bologna
278	Italy	Vita-Salute San Raffaele University
303	Italy	University of Trento
315	Italy	Free University of Bozen-Bolzano
323	Italy	Polytechnic University of Milan
325	Italy	Sapienza University of Rome
336	Italy	University of Milan
378	Italy	University of Padua
379	Italy	University of Pavia
380	Italy	University of Pisa
381	Italy	University of Salerno
384	Italy	University of Trieste
407	Italy	Marche Polytechnic University
418	Italy	Polytechnic University of Turin
434	Italy	University of Bari Aldo Moro
435	Italy	University of Bergamo
436	Italy	University of Brescia
437	Italy	University of Calabria
439	Italy	University of Florence
440	Italy	University of Genoa

449	Italy	University of Milan-Bicocca
451	Italy	University of Modena and Reggio Emilia
456	Italy	University of Parma
457	Italy	University of Rome II – Tor Vergata
458	Italy	University of Rome III
462	Italy	University of Siena
468	Italy	University of Turin
469	Italy	University of Urbino Carlo Bo
471	Italy	Verona University
480	Italy	Ca' Foscari University of Venice
482	Italy	Catholic University of the Sacred Heart
528	Italy	University of Catania
530	Italy	University of Ferrara
538	Italy	University of Palermo
542	Italy	University of Salento
543	Italy	University of Sassari
662	Italy	University of Cagliari
493	Japan	Fujita Health University
520	Japan	Tokyo Metropolitan University
655	Japan	University of Aizu
403	Jordan	Jordan University of Science and Technology
610	Kuwait	Kuwait University
474	Lebanon	American University of Beirut
708	Lithuania	Vilnius University
161	Luxembourg	University of Luxembourg
376	Macao	University of Macau
377	Malaysia	University of Malaya
525	Malaysia	Universiti Tunku Abdul Rahman (UTAR)
59	Netherlands	University of Amsterdam
71	Netherlands	Erasmus University Rotterdam
114	Netherlands	Radboud University Nijmegen
152	Netherlands	Vrije Universiteit Amsterdam
170	Netherlands	Tilburg University
169	New Zealand	University of Auckland
196	New Zealand	University of Otago
234	New Zealand	Victoria University of Wellington
371	New Zealand	University of Canterbury
387	New Zealand	University of Waikato
390	New Zealand	Auckland University of Technology
408	New Zealand	Massey University
501	New Zealand	Lincoln University
136	Norway	University of Oslo
186	Norway	University of Bergen

286	Norway	Norwegian University of Science and Technology
413	Norway	Norwegian University of Life Sciences
433	Norway	UiT The Arctic University of Norway
419	Pakistan	Quaid-i-azam University
573	Pakistan	COMSATS Institute of Information Technology
624	Pakistan	National University of Sciences and Technology
887	Pakistan	Bahauddin Zakariya University
902	Pakistan	Government College University Lahore
636	Peru	Pontifical Catholic University of Peru
701	Philippines	University of the Philippines
552	Poland	University of Warsaw
600	Poland	Jagiellonian University
709	Poland	Warsaw University of Technology
510	Portugal	NOVA University of Lisbon
527	Portugal	University of Aveiro
529	Portugal	University of Coimbra
535	Portugal	University of Lisbon
539	Portugal	University of Porto
657	Portugal	University of Algarve
659	Portugal	University of Beira Interior
233	Qatar	Qatar University
559	Romania	Babeş-Bolyai University
225	Russian Federation	Tomsk Polytechnic University
356	Russian Federation	Higher School of Economics
404	Russian Federation	Kazan Federal University
414	Russian Federation	Novosibirsk State University
424	Russian Federation	Saint Petersburg State University
176	Saudi Arabia	King Abdulaziz University
235	Saudi Arabia	Alfaisal University
572	Slovakia	Comenius University in Bratislava
676	Slovenia	University of Ljubljana
677	Slovenia	University of Maribor
155	South Africa	University of Cape Town
363	South Africa	Stellenbosch University
445	South Africa	University of KwaZulu-Natal
673	South Africa	University of Johannesburg
703	South Africa	University of the Western Cape
183	South Korea	Ulsan National Institute of Science and Technology
517	South Korea	Sejong University
130	Spain	Pompeu Fabra University
137	Spain	Autonomous University of Barcelona
227	Spain	University of Navarra
268	Spain	University of Barcelona

346	Spain	Autonomous University of Madrid
417	Spain	Polytechnic University of Catalonia
459	Spain	University of Rovira i Virgili
485	Spain	Complutense University of Madrid
513	Spain	Polytechnic University of Valencia
531	Spain	University of Granada
551	Spain	University of Valencia
565	Spain	Carlos III University of Madrid
605	Spain	King Juan Carlos University
656	Spain	University of Alcalá
672	Spain	University of Jaén
674	Spain	University of La Laguna
681	Spain	University of Oviedo
686	Spain	University of Salamanca
688	Spain	University of Santiago de Compostela
700	Spain	University of the Basque Country
707	Spain	University of Zaragoza
839	Sri Lanka	University of Colombo
89	Sweden	Lund University
124	Sweden	Stockholm University
156	Sweden	KTH Royal Institute of Technology
173	Sweden	Chalmers University of Technology
260	Sweden	University of Gothenburg
291	Sweden	Umeå University
359	Sweden	Linköping University
361	Sweden	Örebro University
121	Switzerland	University of Geneva
126	Switzerland	University of Zurich
141	Switzerland	University of Lausanne
190	Switzerland	University of Fribourg
454	Switzerland	University of Neuchâtel
463	Switzerland	University of St Gallen
321	Taiwan	National Tsing Hua University
625	Taiwan	National Yang-Ming University
392	Turkey	Bilkent University
394	Turkey	Boğaziçi University
557	Turkey	Atılım University
591	Turkey	Hacettepe University
972	Turkey	Yeditepe University
406	Uganda	Makerere University
906	Ukraine	Ivan Franko National University of Lviv
221	United Arab Emirates	Khalifa University
522	United Arab Emirates	United Arab Emirates University

	Emirates	
556	United Arab Emirates	American University of Sharjah
857	United Arab Emirates	University of Sharjah
25	United Kingdom	London School of Economics and Political Science
29	United Kingdom	University of Edinburgh
36	United Kingdom	King's College London
55	United Kingdom	University of Manchester
74	United Kingdom	University of Bristol
79	United Kingdom	University of Glasgow
87	United Kingdom	University of Warwick
93	United Kingdom	Durham University
98	United Kingdom	University of Sheffield
113	United Kingdom	Queen Mary University of London
118	United Kingdom	University of Southampton
120	United Kingdom	University of Exeter
128	United Kingdom	University of York
129	United Kingdom	University of Leeds
132	United Kingdom	University of Birmingham
134	United Kingdom	University of St Andrews
138	United Kingdom	University of Nottingham
139	United Kingdom	University of Sussex
140	United Kingdom	Lancaster University
147	United Kingdom	University of Leicester
148	United Kingdom	Cardiff University
158	United Kingdom	Newcastle University
160	United Kingdom	University of Liverpool
164	United Kingdom	University of Aberdeen
165	United Kingdom	University of Dundee
166	United Kingdom	University of East Anglia
171	United Kingdom	Royal Holloway, University of London
178	United Kingdom	Queen's University Belfast
197	United Kingdom	University of Reading
217	United Kingdom	University of Surrey
266	United Kingdom	St George's, University of London
289	United Kingdom	Swansea University
293	United Kingdom	University of Bath
296	United Kingdom	University of Essex
306	United Kingdom	Aberystwyth University
307	United Kingdom	Anglia Ruskin University
309	United Kingdom	Bangor University
310	United Kingdom	Birkbeck, University of London
312	United Kingdom	Brighton and Sussex Medical School

317	United Kingdom	Goldsmiths, University of London
320	United Kingdom	Loughborough University
335	United Kingdom	University of Kent
338	United Kingdom	University of Stirling
345	United Kingdom	Aston University
347	United Kingdom	Brunel University London
348	United Kingdom	City, University of London
355	United Kingdom	Heriot-Watt University
362	United Kingdom	Royal Veterinary College
410	United Kingdom	Middlesex University
415	United Kingdom	Oxford Brookes University
416	United Kingdom	Plymouth University
428	United Kingdom	Soas, University of London
432	United Kingdom	The Open University
443	United Kingdom	University of Hull
464	United Kingdom	University of Strathclyde
495	United Kingdom	Keele University
502	United Kingdom	Liverpool John Moores University
509	United Kingdom	Northumbria University
521	United Kingdom	Ulster University
532	United Kingdom	University of Hertfordshire
540	United Kingdom	University of Portsmouth
548	United Kingdom	University of the West of Scotland
563	United Kingdom	Bournemouth University
574	United Kingdom	Coventry University
576	United Kingdom	De Montfort University
579	United Kingdom	Edinburgh Napier University
590	United Kingdom	Glasgow Caledonian University
606	United Kingdom	Kingston University
612	United Kingdom	Leeds Beckett University
613	United Kingdom	Manchester Metropolitan University
628	United Kingdom	Nottingham Trent University
646	United Kingdom	Teesside University
658	United Kingdom	University of Bedfordshire
660	United Kingdom	University of Bradford
661	United Kingdom	University of Brighton
663	United Kingdom	University of Central Lancashire
668	United Kingdom	University of East London
669	United Kingdom	University of Greenwich
671	United Kingdom	University of Huddersfield
675	United Kingdom	University of Lincoln
685	United Kingdom	University of Roehampton
687	United Kingdom	University of Salford

691	United Kingdom	University of South Wales
702	United Kingdom	University of the West of England
705	United Kingdom	University of Westminster
842	United Kingdom	University of Derby
27	United States	New York University
49	United States	University of Texas at Austin
50	United States	Brown University
51	United States	Washington University in St Louis
57	United States	University of North Carolina at Chapel Hill
66	United States	University of Southern California
69	United States	Boston University
70	United States	Ohio State University
75	United States	Pennsylvania State University
81	United States	Michigan State University
84	United States	Rice University
94	United States	Emory University
95	United States	University of California, Irvine
100	United States	Vanderbilt University
109	United States	Indiana University
115	United States	Georgetown University
143	United States	University of Rochester
153	United States	University of Alabama at Birmingham
168	United States	University of Massachusetts
192	United States	University of Hawai'i at Mānoa
194	United States	University of Iowa
224	United States	Rensselaer Polytechnic Institute
237	United States	University of Maryland, College Park
238	United States	Dartmouth College
240	United States	University of Colorado Boulder
241	United States	University of Pittsburgh
243	United States	University of Virginia
245	United States	Arizona State University
246	United States	University of Notre Dame
247	United States	Case Western Reserve University
248	United States	Texas A&M University
249	United States	University of Arizona
250	United States	University of California, Santa Cruz
251	United States	Tufts University
252	United States	Rutgers, the State University of New Jersey
256	United States	University of Miami
257	United States	Northeastern University
259	United States	University of California, Riverside
261	United States	Brandeis University

262	United States	Florida State University
263	United States	George Washington University
270	United States	University of Cincinnati
276	United States	University of Texas at Dallas
277	United States	University of Utah
281	United States	Clark University
282	United States	Colorado School of Mines
285	United States	North Carolina State University
287	United States	Oregon Health and Science University
288	United States	Stony Brook University
290	United States	Syracuse University
292	United States	University at Buffalo
295	United States	University of Colorado Denver
298	United States	University of Illinois at Chicago
300	United States	University of Oregon
304	United States	Wake Forest University
305	United States	William & Mary
311	United States	Boston College
316	United States	George Mason University
319	United States	Iowa State University
322	United States	Oregon State University
324	United States	Rush University
328	United States	The University of Tennessee-Knoxville
329	United States	University of Alaska Fairbanks
331	United States	University of Connecticut
332	United States	University of Denver
334	United States	University of Houston
337	United States	University of Nebraska-Lincoln
342	United States	Virginia Polytechnic Institute and State University
343	United States	Washington State University
344	United States	American University
349	United States	Colorado State University
352	United States	Drexel University
354	United States	Georgia State University
365	United States	Temple University
366	United States	Tulane University
369	United States	University of Alabama
374	United States	University of Georgia
375	United States	University of Kansas
382	United States	University of South Carolina
386	United States	University of Vermont
388	United States	Wayne State University
393	United States	Binghamton University, State University of New York

399	United States	Florida International University	
401	United States	Hofstra University	
405	United States	Louisiana State University	
412	United States	Northern Arizona University	
423	United States	Saint Louis University	
425	United States	San Diego State University	
448	United States	University of Maryland, Baltimore County	
450	United States	University of Missouri	
452	United States	University of Montana	
453	United States	University of Nebraska Medical Center	
455	United States	University of Oklahoma	
465	United States	University of Texas at San Antonio	
467	United States	University of Tulsa	
470	United States	University of Wisconsin-Milwaukee	
487	United States	Creighton University	
496	United States	Kent State University	
500	United States	Lehigh University	
505	United States	Missouri University of Science and Technology	
506	United States	Montana State University	
508	United States	New Jersey Institute of Technology	
511	United States	Oklahoma State University	
518	United States	Stevens Institute of Technology	
519	United States	Texas Tech University	
526	United States	University of Arkansas	
544	United States	University of South Dakota	
546	United States	University of Texas at Arlington	
549	United States	University of Toledo	
560	United States	Baylor University	
580	United States	Embry-Riddle Aeronautical University	
586	United States	Florida Atlantic University	
587	United States	Florida Institute of Technology	
603	United States	Kansas State University	
615	United States	Mississippi State University	
626	United States	New Mexico State University	
630	United States	Old Dominion University	
637	United States	Portland State University	
638	United States	Rochester Institute of Technology	
679	United States	University of North Carolina at Greensboro	
697	United States	University of Texas at El Paso	
32	Australia	University of Melbourne	3
48	Australia	Australian National University	
61	Australia	University of Sydney	
65	Australia	University of Queensland	

78	Australia	Monash University
47	Belgium	KU Leuven
101	Belgium	Ghent University
23	Canada	University of Toronto
76	Canada	McMaster University
28	China	Peking University
30	China	Tsinghua University
108	China	Fudan University
122	China	University of Science and Technology of China
154	China	Nanjing University
974	China	Zhejiang University
975	China	Shanghai Jiao Tong University
34	Germany	LMU Munich
41	Germany	Technical University of Munich
45	Germany	Heidelberg University
77	Germany	RWTH Aachen University
80	Germany	University of Freiburg
88	Germany	Technical University of Berlin
96	Germany	University of Bonn
117	Germany	Charité - Universitätsmedizin Berlin
123	Germany	Karlsruhe Institute of Technology
145	Germany	TU Dresden
149	Germany	University of Erlangen-Nuremberg
181	Germany	Ruhr University Bochum
182	Germany	Technical University of Darmstadt
199	Germany	University of Stuttgart
40	Hong Kong	University of Hong Kong
44	Hong Kong	Hong Kong University of Science and Technology
58	Hong Kong	Chinese University of Hong Kong
144	Italy	Scuola Superiore Sant'Anna
46	Japan	University of Tokyo
973	Japan	Kyoto University
979	Japan	Osaka University
980	Japan	Tohoku University
63	Netherlands	Delft University of Technology
64	Netherlands	Wageningen University & Research
67	Netherlands	Leiden University
68	Netherlands	Utrecht University
82	Netherlands	University of Groningen
97	Netherlands	Maastricht University
131	Netherlands	Eindhoven University of Technology
162	Netherlands	University of Twente
976	Russian Federation	Lomonosov Moscow State University

22	Singapore	National University of Singapore
52	Singapore	Nanyang Technological University, Singapore
73	South Korea	Seoul National University
91	South Korea	Korea Advanced Institute of Science and Technology (KAIST)
105	South Korea	Sungkyunkwan University (SKKU)
127	South Korea	Pohang University of Science and Technology
978	South Korea	Korea University
981	South Korea	Yonsei University (Seoul campus)
39	Sweden	Karolinska Institute
85	Sweden	Uppsala University
10	Switzerland	ETH Zurich – Swiss Federal Institute of Technology Zurich
38	Switzerland	École Polytechnique Fédérale de Lausanne
92	Switzerland	University of Basel
99	Switzerland	University of Bern
977	Taiwan	National Taiwan University
1	United Kingdom	University of Oxford
2	United Kingdom	University of Cambridge
8	United Kingdom	Imperial College London
16	United Kingdom	UCL
3	United States	California Institute of Technology
4	United States	Stanford University
5	United States	Massachusetts Institute of Technology
6	United States	Harvard University
7	United States	Princeton University
9	United States	University of Chicago
11	United States	University of Pennsylvania
12	United States	Yale University
13	United States	Johns Hopkins University
14	United States	Columbia University
15	United States	University of California, Los Angeles
17	United States	Duke University
18	United States	University of California, Berkeley
19	United States	Cornell University
20	United States	Northwestern University
21	United States	University of Michigan
24	United States	Carnegie Mellon University
26	United States	University of Washington
31	United States	University of California, San Diego
33	United States	Georgia Institute of Technology
37	United States	University of Illinois at Urbana-Champaign
43	United States	University of Wisconsin-Madison
53	United States	University of California, Santa Barbara

Tülin Acar



Eđitim Arařtırma Danıřmanlık ve Yayıncılık Hizmetleri

54	United States	University of California, Davis	
56	United States	University of Minnesota	
60	United States	Purdue University	
133	United States	University of Florida	