

SMM 2025

The Role of Data-Driven Management in Enhancing Research Quality: The Case of Yaşar University

M. Hasan ATASOY - YAŞAR UNIVERSITY

Coordinator Responsible for International Competition

YURank Ranking Office Coordinator

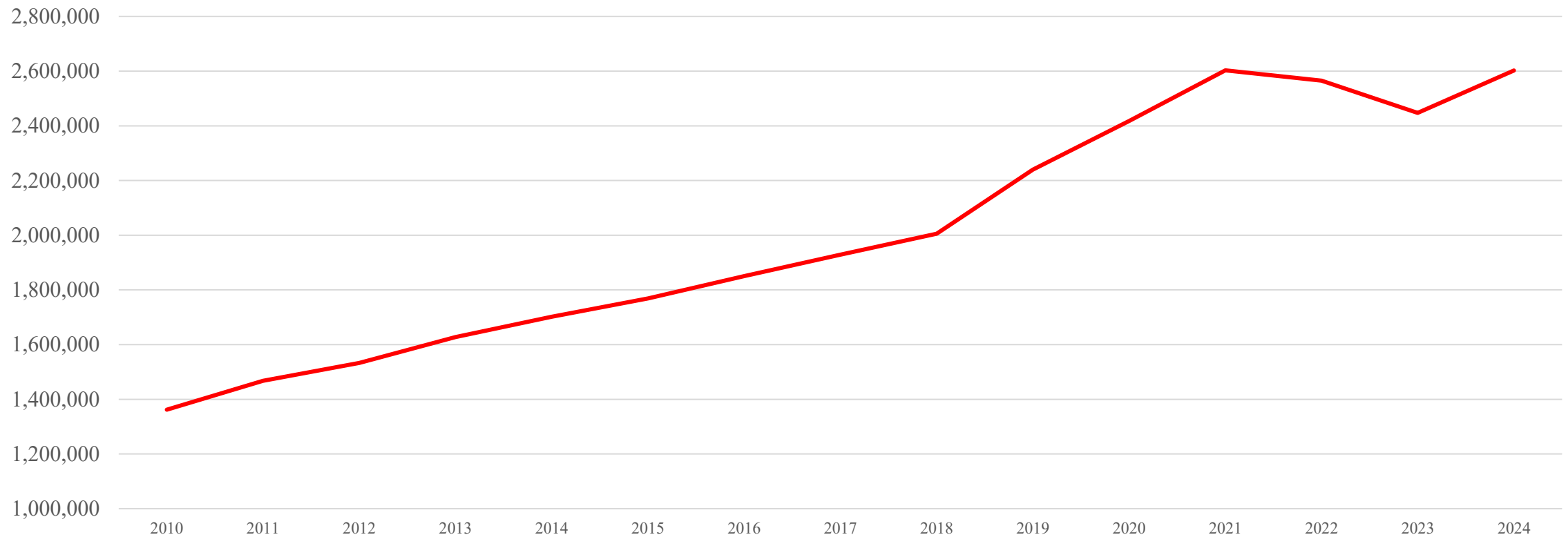
Agenda

- Understanding the Environment
 - Research in the World
 - Research in Türkiye
 - Ranking Competition
- Quality in Research
- Our Methods
 - ATGS
 - ARSIMED

Understanding The Environment

Research in the World

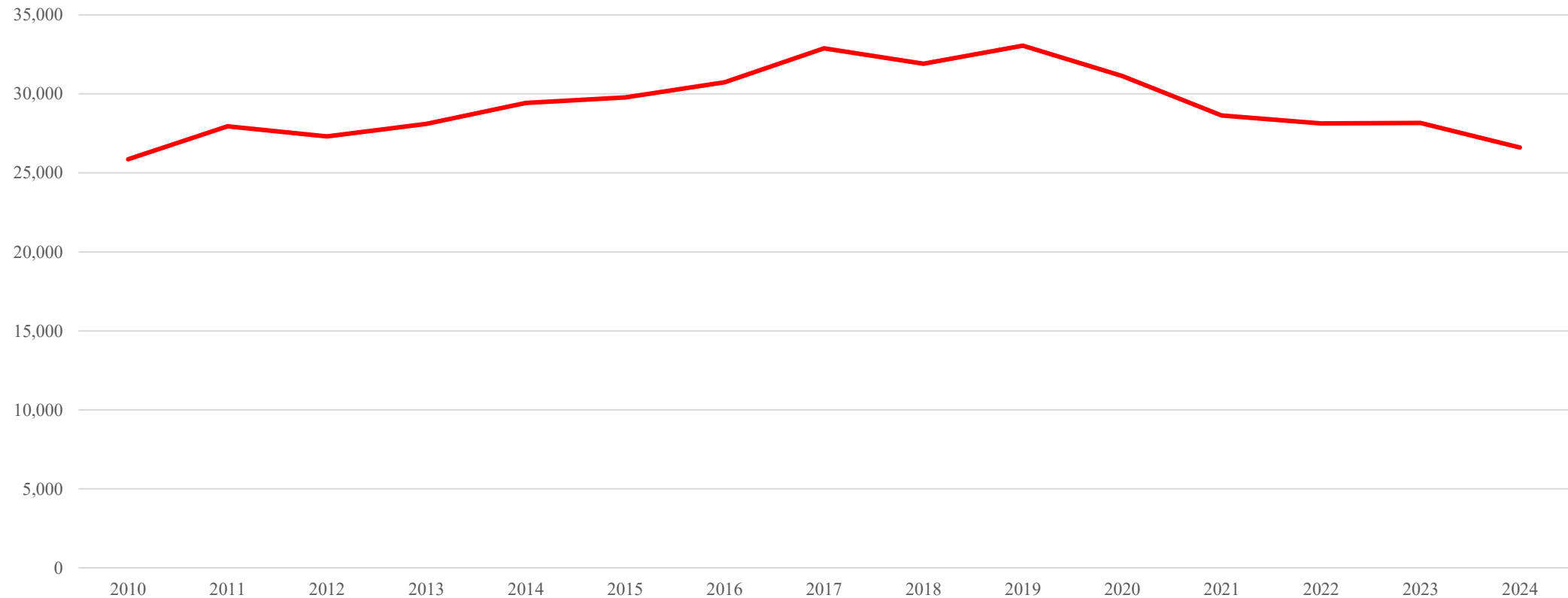
of Web of Science Articles



Source: Web of Science Oct, 15, 2025

Understanding The Environment

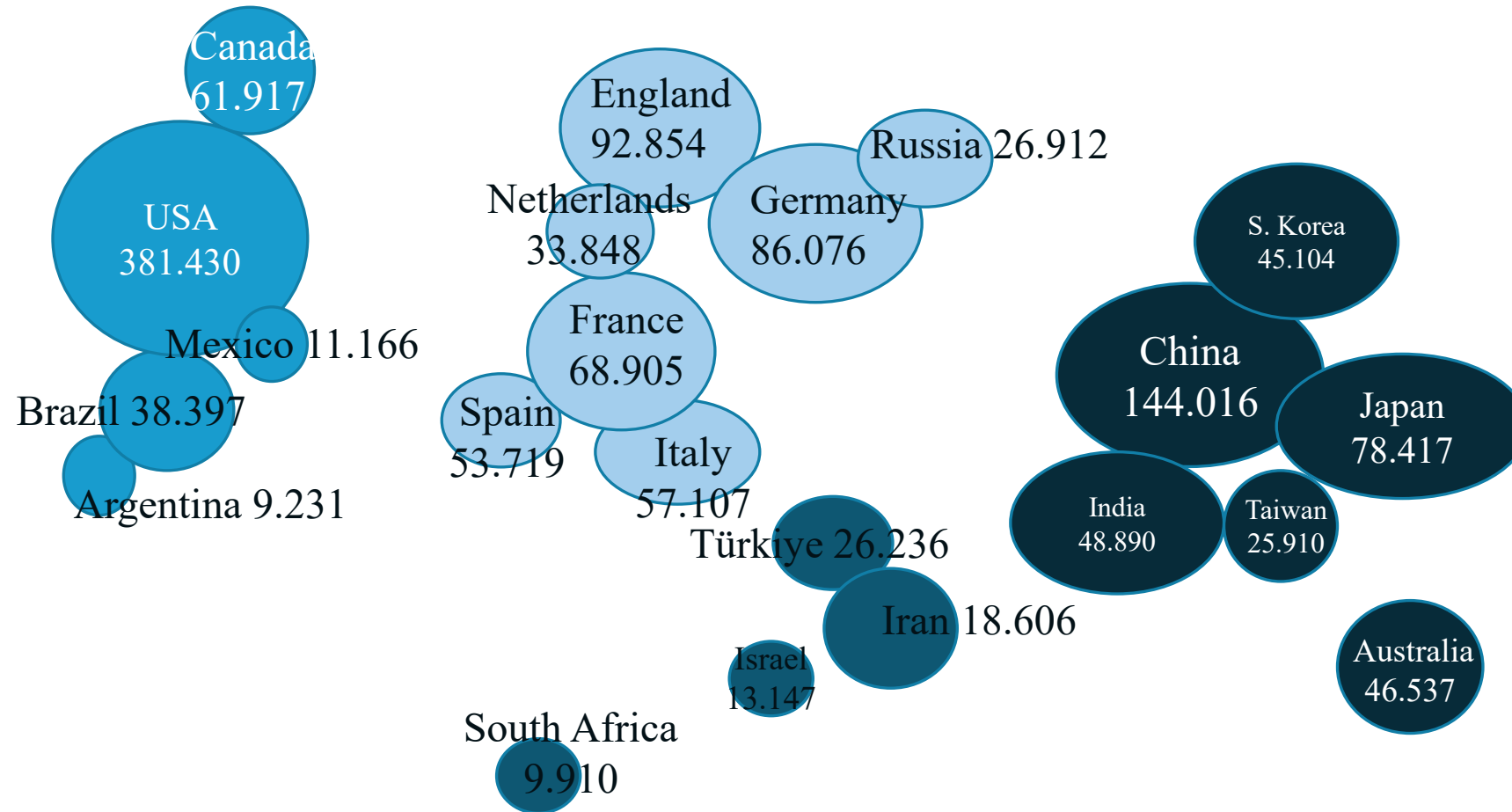
Research in the World, # of Journals



Source: incites.clarivate.com
Including ESCI, filtered with «article»
Oct, 15, 2025

Understanding The Environment

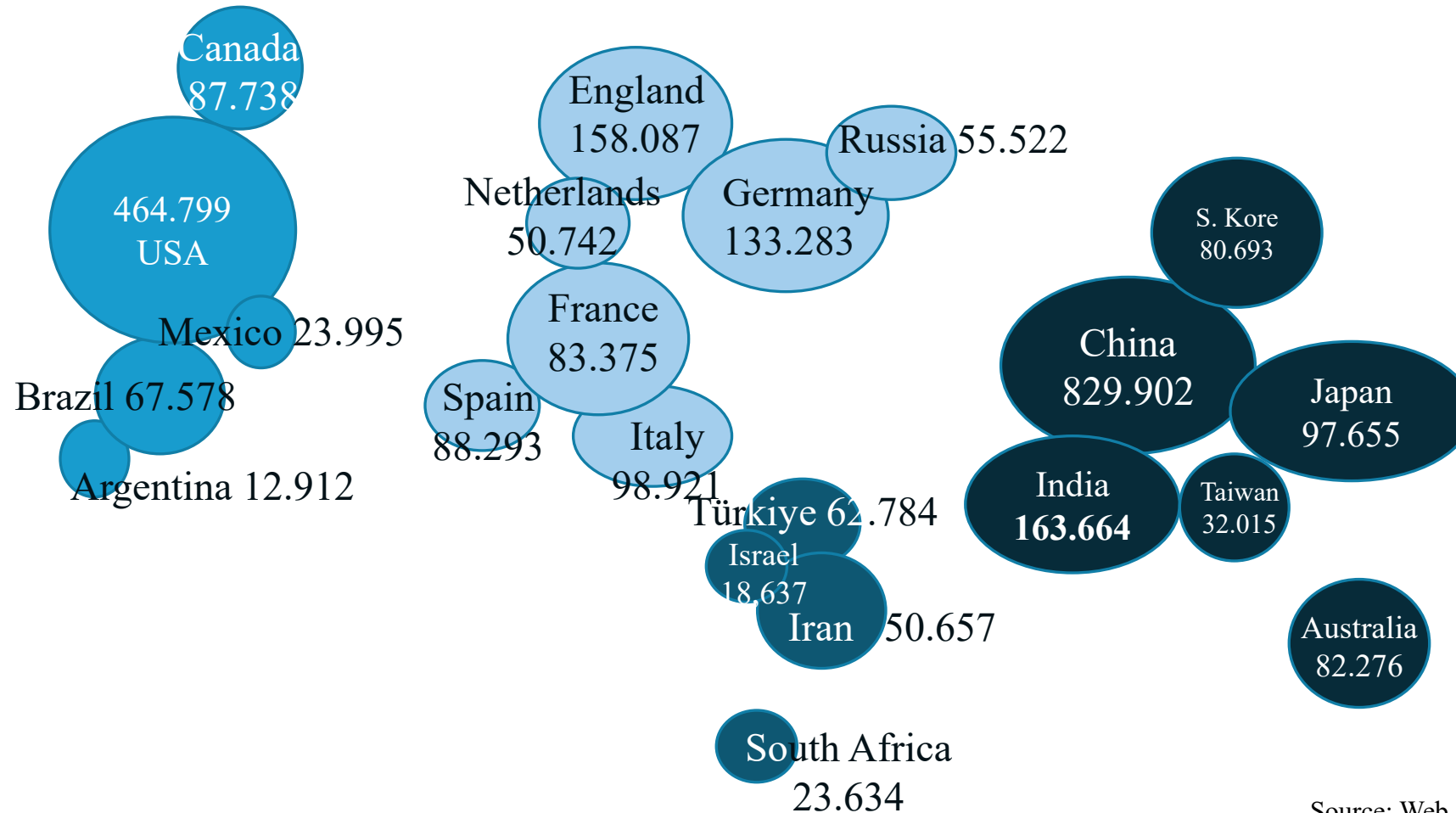
Research in the World - Web of Science Articles in 2010



Source: Web of Science Oct, 15, 2025

Understanding The Environment

Research in the World - Web of Science Articles in 2024

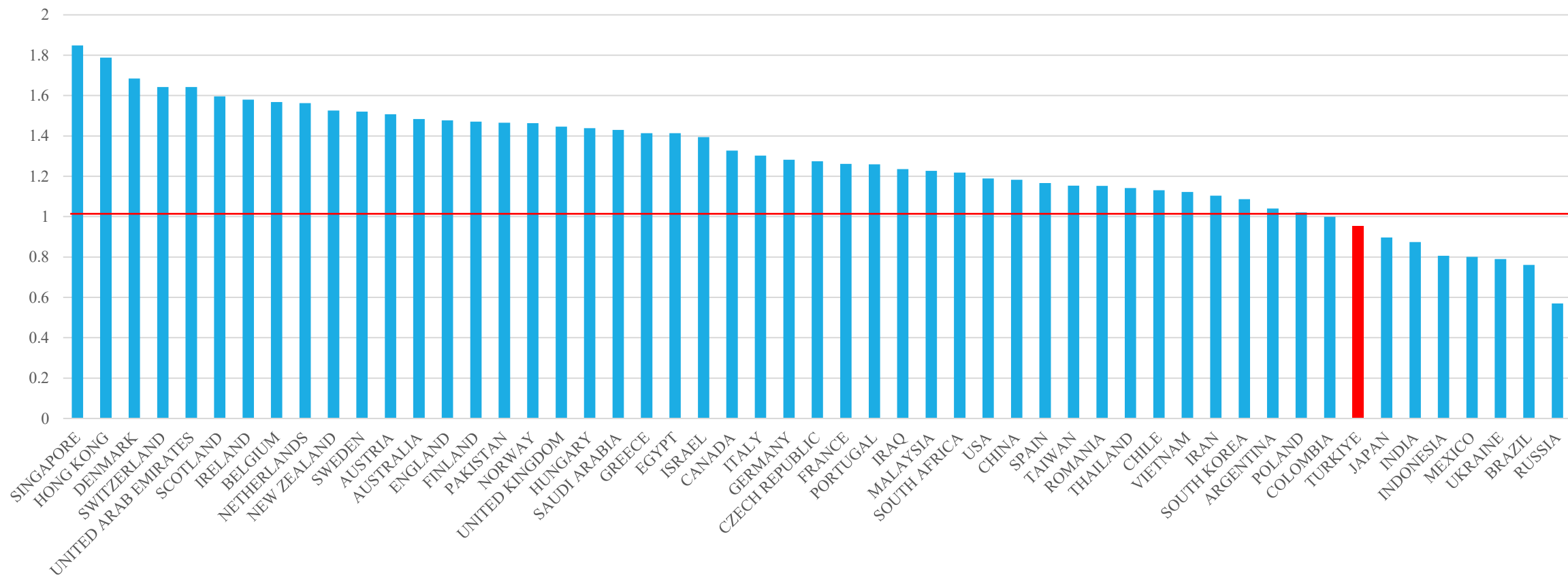


Source: Web of Science Oct, 15, 2025

Understanding The Environment

Research in the World

CNCI 2024 Countries which have >10.000 Articles

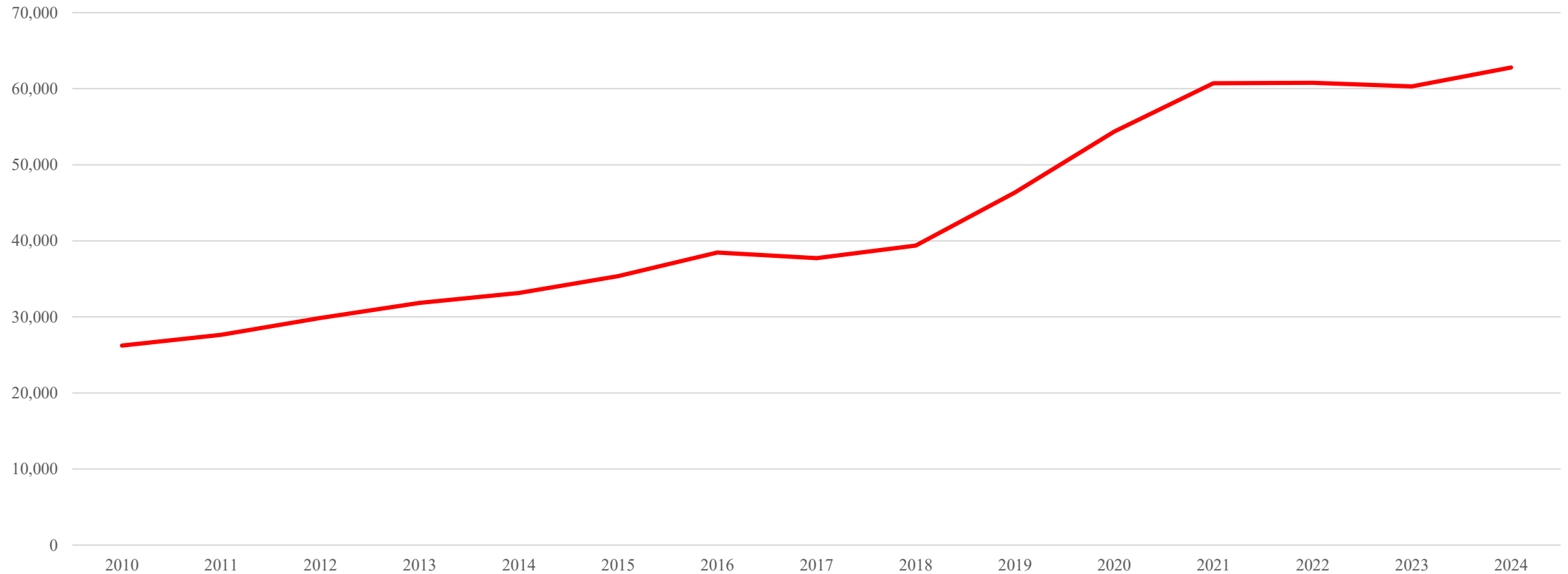


Source: Web of Science Oct, 15, 2025

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Research in Türkiye

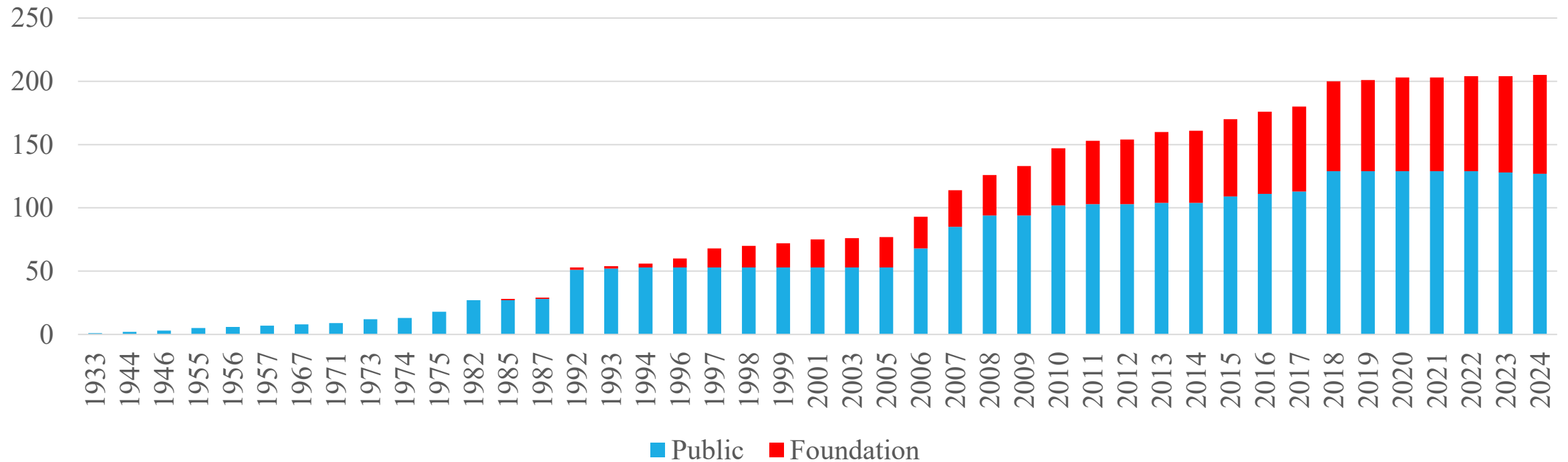
of Web of Science Articles



Source: Web of Science Oct, 15, 2025

Understanding The Environment

Research in Türkiye - # of Universities

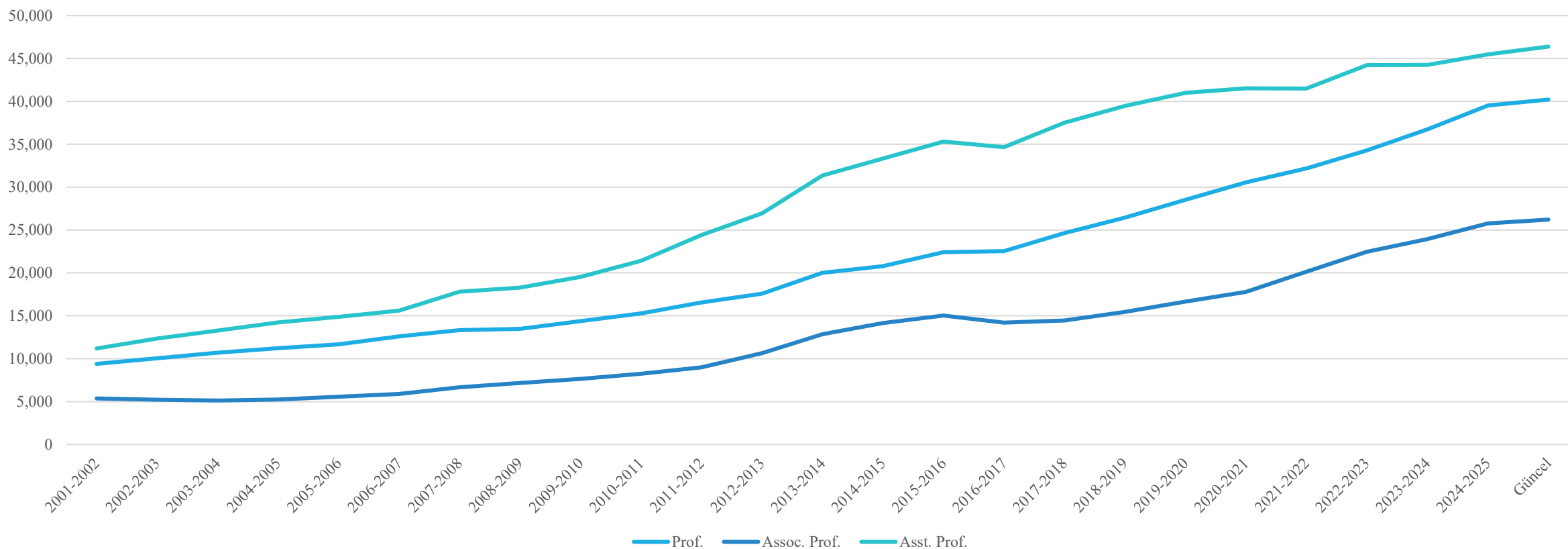


Source: istatistik.yok.gov.tr Oct, 15, 2025

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Research in Türkiye

Faculty Members with Ph.D

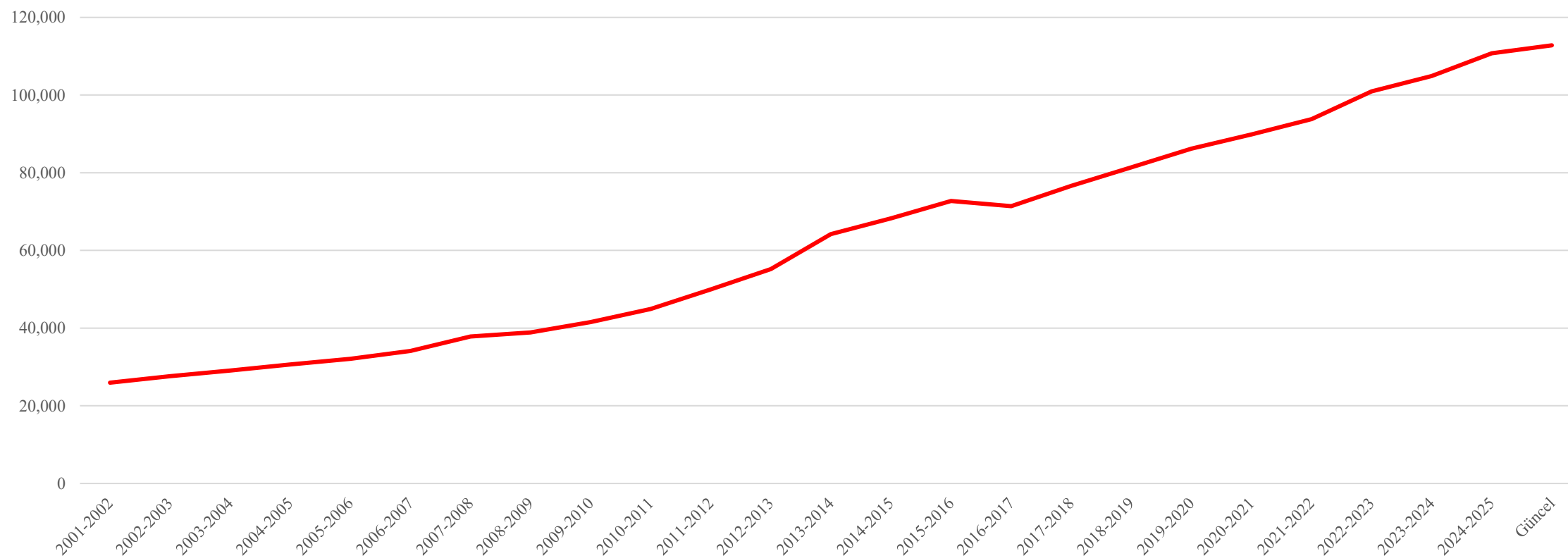


Source: istatistik.yok.gov.tr Oct, 15, 2025

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Research in Türkiye

Faculty Members with Ph.D.

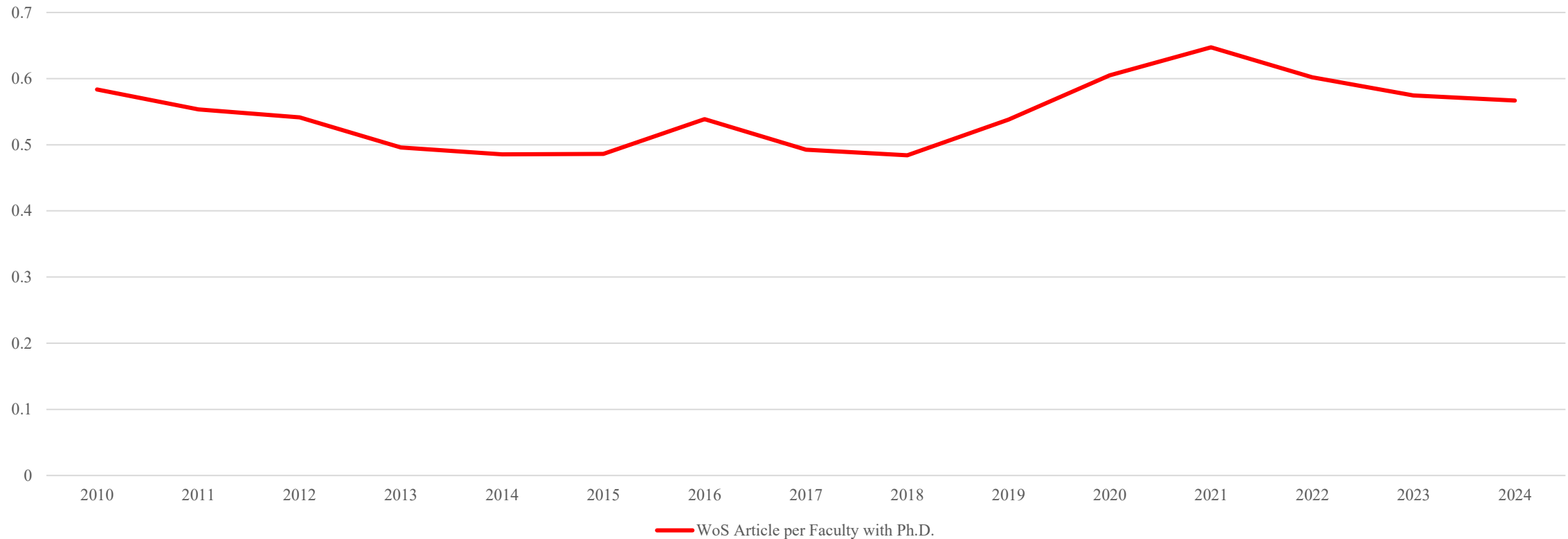


Source: istatistik.yok.gov.tr Oct, 15, 2025

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Research in Türkiye

WoS Article per Faculty with Ph.D.



Source: Web of Science Oct, 15, 2025

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Ranking Competition – # of Eligible Universities

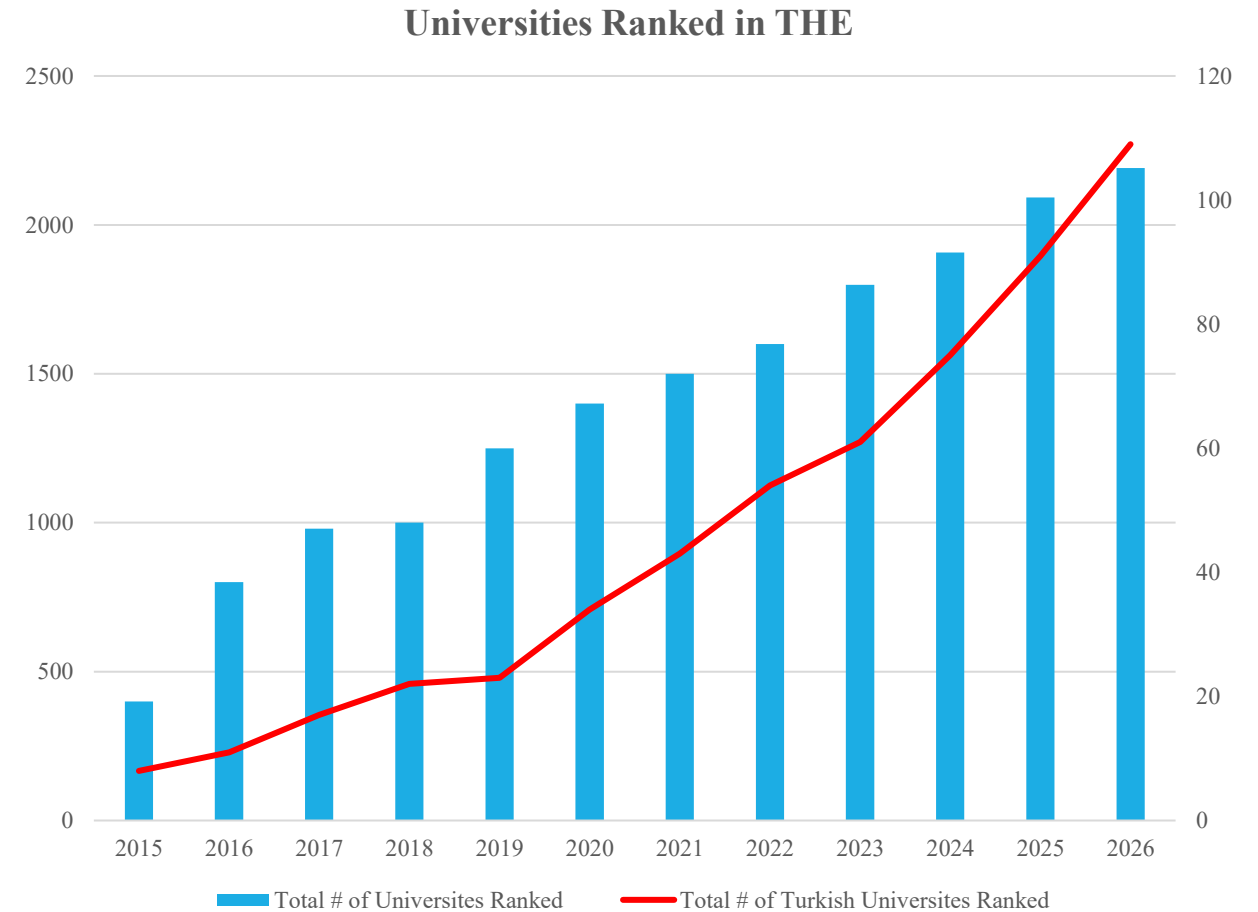
(>1000 total scientific documents in Web of Science in five years)

Data Year Range	# of Eligible Universities	# of Eligible Turkish Universities	THE Ranking Year	# of Universities in THE WUR Rankings	# of Turkish Universities in THE WUR Rankings
2020 - 2024	3390	132	2026	2191	109
2019 - 2023	3289	118	2025	2092	91
2018 - 2022	3194	107	2024	1907	75
2017 - 2021	3072	102	2023	1799	61
2016 - 2020	2932	95	2022	1600	54
2015 - 2019	2795	90	2021	1500	43
2014 - 2018	2654	86	2020	1400	34
2013 - 2017	2501	83	2019	1250	23
2012 - 2016	2385	80	2018	1000	22
2011 - 2015	2275	75	2017	980	17
2010 - 2014	2170	66	2016	800	11
2009 - 2013	2074	61	2015	400	6
2008 - 2012	1940	59	2014	400	5
2007 - 2011	1826	53	2013	400	5
2006 - 2010	1727	52	2012	400	4
2005 - 2009	1612	50	2011	400	2

Understanding The Environment

Ranking Competition - THE WUR

	Total # of Universites Ranked	Total # of Turkish Universites Ranked
2015	400	8
2016	800	11
2017	980	17
2018	1000	22
2019	1250	23
2020	1400	34
2021	1500	43
2022	1600	54
2023	1799	61
2024	1907	75
2025	2092	91
2026	2191	109



Source: www.timeshighereducation.com Oct, 15, 2025

Quality in Research

Which indicators ranking institutions take into consideration?

- Awards
- FWCI or CNCI
- Paper per Faculty
- International Collaboration
- Citations
- Research Income
- # of Ph.D Students...

What Yaşar University Do To Foster Research Quality?

- RIDS (Research Incentive and Development System) (ATGS)
- ARSIMED

RIDS (Research Incentive and Development System) (ATGS)

- Incentive System For Scientific And Artistic Activities
- Academic English Writing Center
- Experience Sharing
- Internationalization
- Interdisciplinary Sharing

ARSIMED

- Target indicators
 - CNCI
 - Weight of Q1 + Q2 in total
 - Average citations per paper
 - International Collaboration
 - Department performance management
 - Benchmark analysis
 - Application of AI

ARSIMED Q1+Q2, CNCI

A.1.4. Q1 + Q2 Dergilerine Göre (Article & Review)

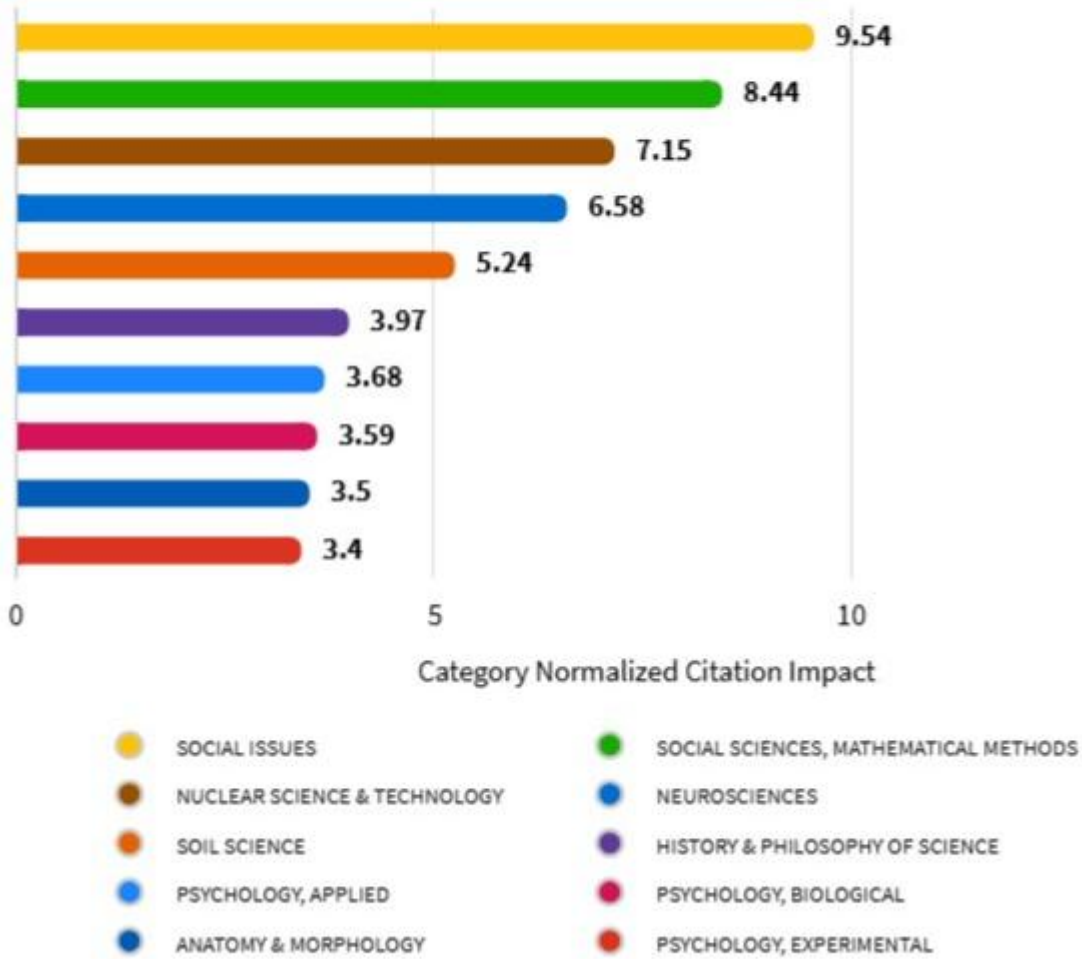
A.1.4. Q1 + Q2 Dergilerine Göre (Article & Review)



Box size indicates number of Web of Science Documents

A.1.5. CNCI'ya göre

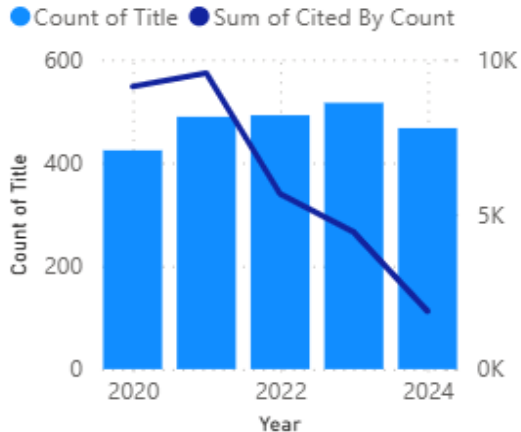
A.1.5. CNCI'ya göre



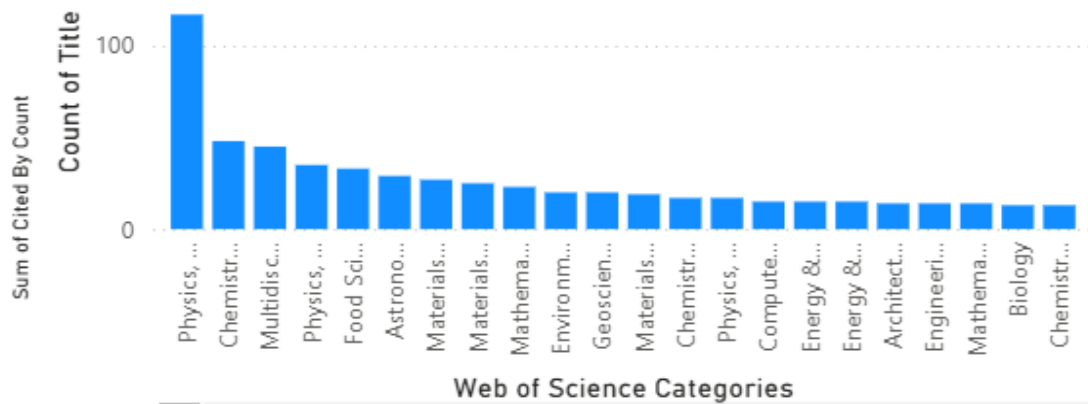
ARSIMED – Publications, citations, fields, collaborations

Üniversite İnceleme İZTECH

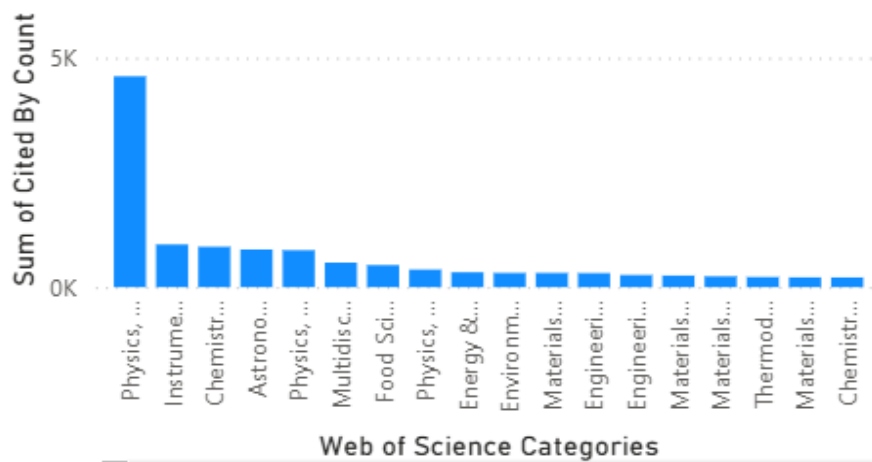
Count of Title and Sum of Cited By Count by Year



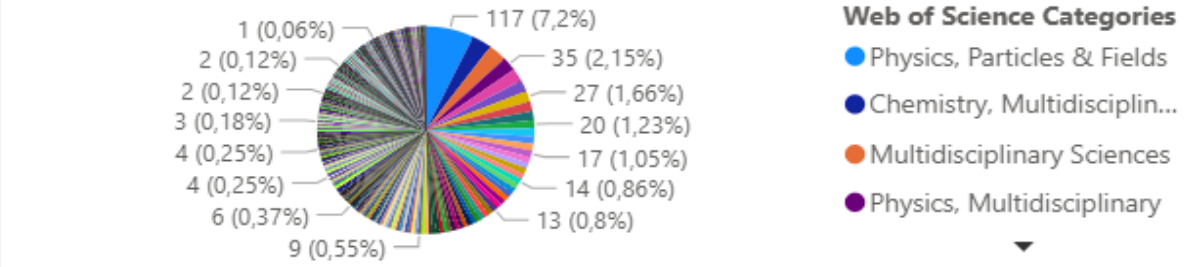
Count of Title by Web of Science Categories



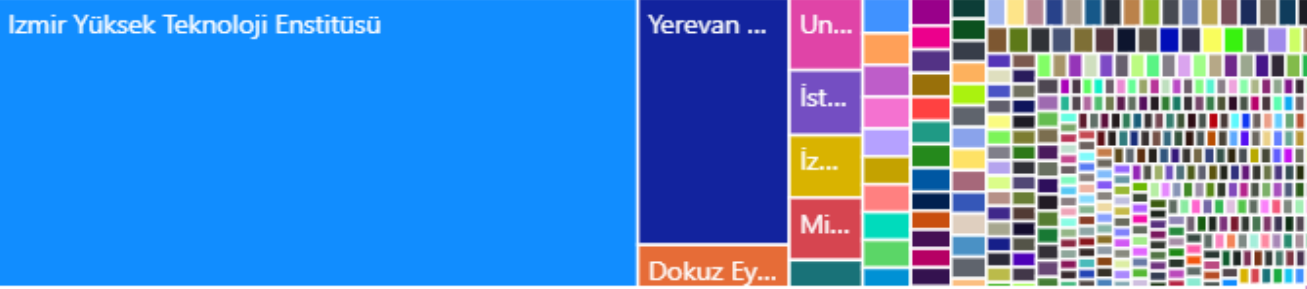
Sum of Cited By Count by Web of Science Categories



Count of Title by Web of Science Categories



Count of Title by Affiliation

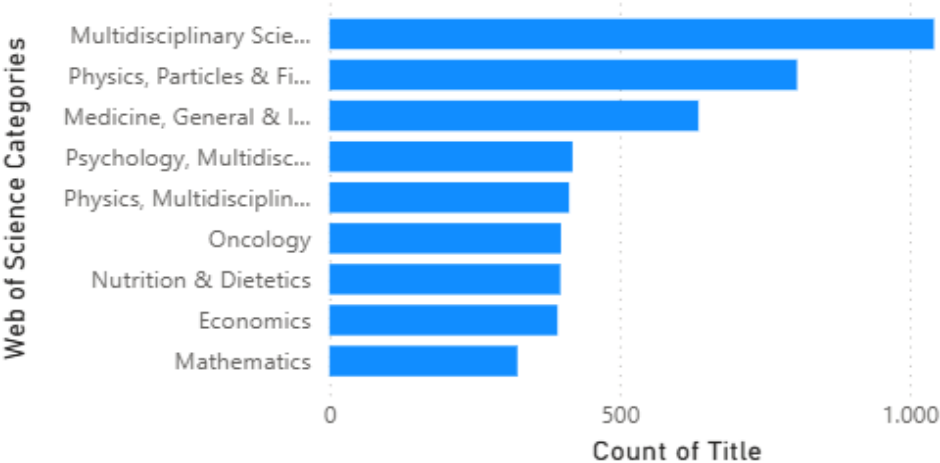


Affiliation	Sum of Year	Author	Sum of Cited By Count	Web of Science Categories	Title
Yerevan Physics Institute	2020	Sirunyan A.M.	327	Physics, Particles & Fields	Extraction and validation of a new set of CMS pythia8 tu
İstanbul Sabahattin Zaim University	2022	Piskin E.	319	Chemistry, Multidisciplinary	Iron Absorption: Factors, Limitations, and Improvement
Yerevan Physics Institute	2020	Sirunyan A.M.	275	Instruments & Instrumentation	Performance of the CMS Level-1 trigger in proton-proto
Yerevan Physics Institute	2021	Sirunyan A.M.	271	Physics, Particles & Fields	Precision luminosity measurement in proton-proton col
European Centre for Medium-Range Weather Forecasts	2021	Abdalla S.	242	Engineering, Aerospace Astronomy & Astrophysics Geosciences, Multidisciplinary Meteorology & Atmospheric Sciences	Altimetry for the future: Building on 25 years of progres:
Universiteit Antwerpen	2020	Yagmurcukardes M.	223	Physics, Applied	Quantum properties and applications of 2D Janus crysta
Total	4828649		30632		

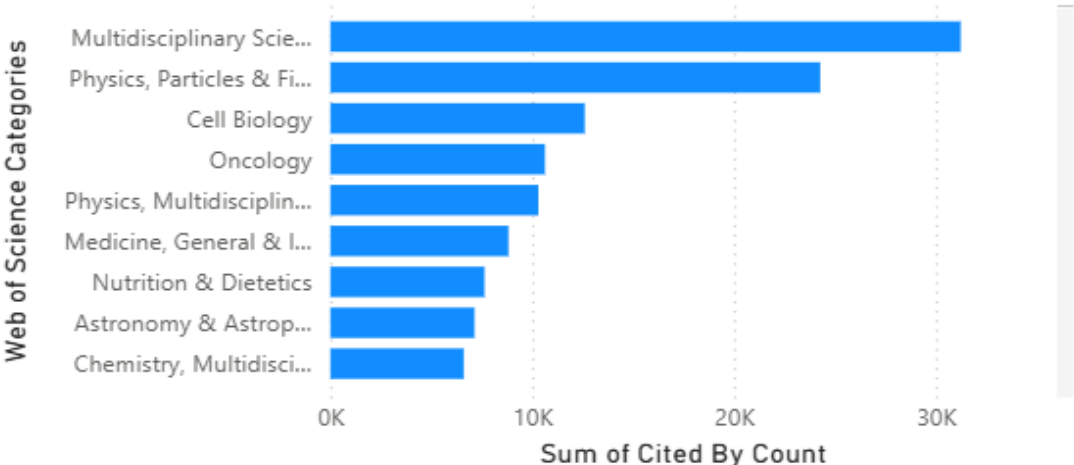
ARSIMED - Journals

Dergiler

Count of Title by Web of Science Categories



Sum of Cited By Count by Web of Science Categories

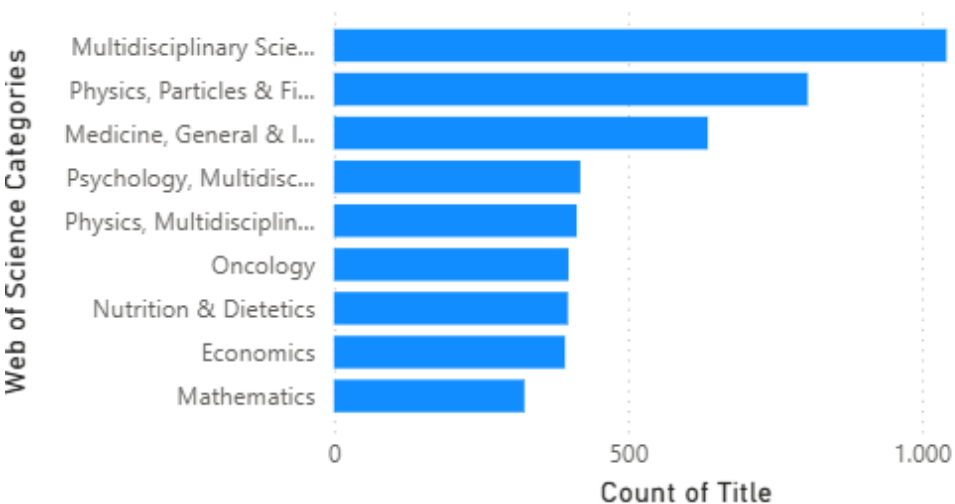


Üniversite Adı Journal	Atılım Adet Atıf		Bahçeşehir Adet Atıf		Bilkent Adet Atıf		Constructor Adet Atıf		Intl Catalunya Adet Atıf		İYTE Adet Atıf		İzmir Ekonomi Adet Atıf		Kadir Has Adet Atıf		Koç Adet Atıf		Navarra Adet Atıf		Özyeğin Adet Atıf	
Journal of High Energy Physics	1	11	69	2128			2	12			79	2943									106	3506
Scientific Reports	6	68	15	208	18	194	23	374	33	484	14	96	12	115	4	80	71	774	47	735	5	25
European Physical Journal C	4	32	53	3038	8	214	3	30			37	1655					2	19			46	1809
Physical Review D	7	87	28	1654	6	31	4	30			27	808					11	87			39	1072
International Journal of Environmental Research and Public Health	3	22	2	5	2	35	13	168	66	967			1	43			2	26	37	804	5	128
Sustainability Switzerland	13	119	7	227	3	10	2	45	18	460	14	181	7	158	7	130	2	16	45	647	8	126
Lecture Notes in Computer Science Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics	2	1	7	11	18	218	3	9	1	0	6	4			5	17	26	90	8	35	17	69
IEEE Access	19	359	16	353	4	33	18	167			14	87	5	121	9	227	16	240	22	279	17	358
Physical Review Letters			19	977	3	129	4	94			21	761			1	13	4	62	4	31	23	828
International Journal of Molecular Sciences			3	101	1	1	7	98	35	504	5	49	1	8			11	142	86	1160		
Frontiers in Psychology	1	11	7	55	4	51	11	131	8	48			8	90	5	28	11	165	48	718	6	116
Plos One	3	45	6	76	6	85	12	313	20	193	6	32	2	14	2	2	23	270	25	437	4	70

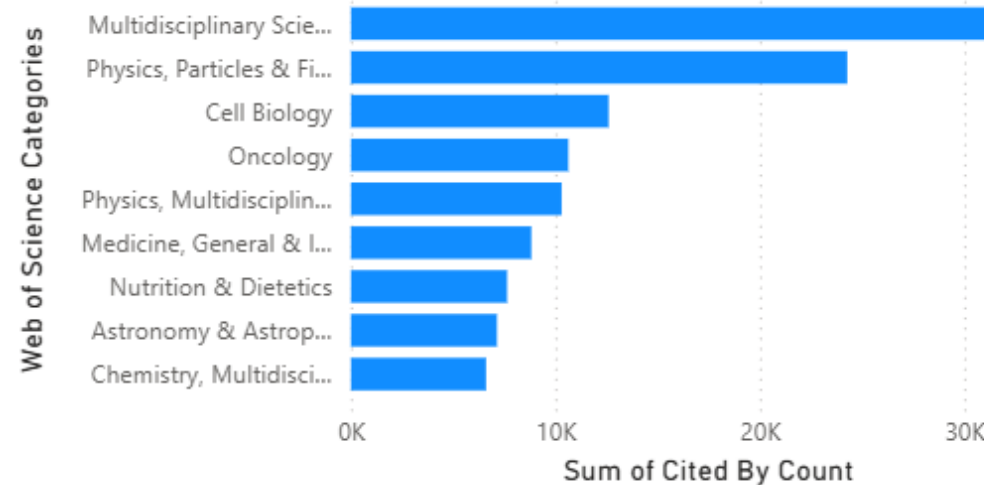
ARSIMED, Citation per paper

Yayın Başına Atıf

Count of Title by Web of Science Categories



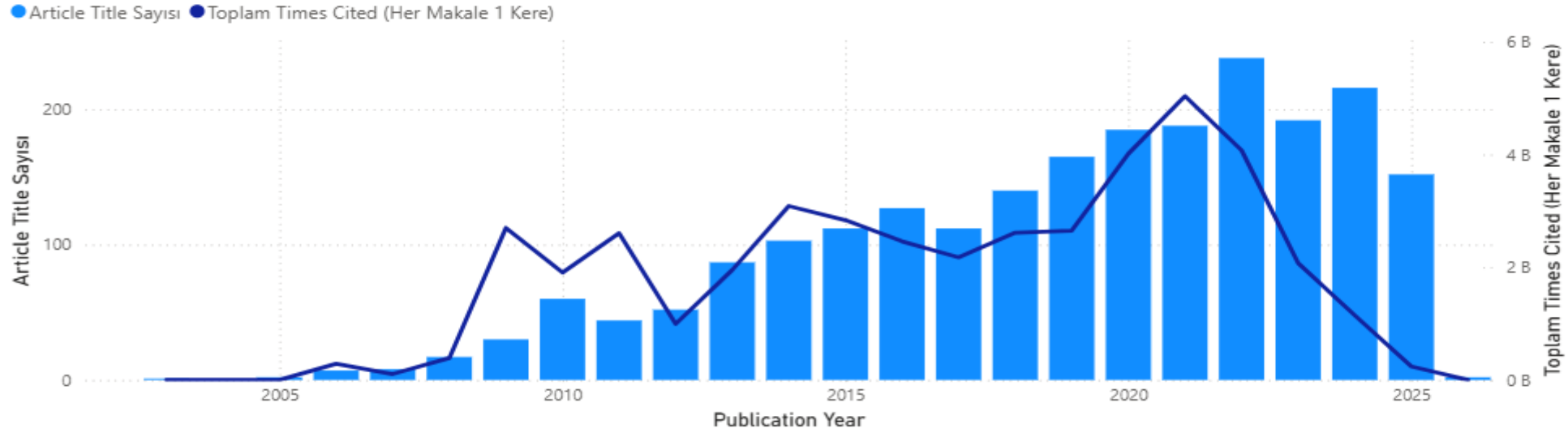
Sum of Cited By Count by Web of Science Categories



Üniversite Adı Journal	İYTE			İzmir Ekonomi			Kadir Has			Koç			Navarra			Özyeğin			Ramon Llull	
	YBA	Sayı	Atıf	YBA	Sayı	Atıf	YBA	Sayı	Atıf	YBA	Sayı	Atıf	YBA	Sayı	Atıf	YBA	Sayı	Atıf	YBA	Sayı
Journal of High Energy Physics	37,25	79	2943													33,08	106	3506	13,55	103
Scientific Reports	6,86	14	96	9,58	12	115	20,00	4	80	10,90	71	774	15,64	47	735	5,00	5	25	11,71	17
European Physical Journal C	44,73	37	1655							9,50	2	19				39,33	46	1809	10,64	25
Physical Review D	29,93	27	808							7,91	11	87				27,49	39	1072	29,69	48
International Journal of Environmental Research and Public Health				43,00	1	43				13,00	2	26	21,73	37	804	25,60	5	128	18,20	60
Sustainability Switzerland	12,93	14	181	22,57	7	158	18,57	7	130	8,00	2	16	14,38	45	647	15,75	8	126	16,06	33
Lecture Notes in Computer Science Including Subseries	0,67	6	4				3,40	5	17	3,46	26	90	4,38	8	35	4,06	17	69	4,10	20
Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics																				
IEEE Access	6,21	14	87	24,20	5	121	25,22	9	227	15,00	16	240	12,68	22	279	21,06	17	358	20,20	10
Physical Review Letters	36,24	21	761				13,00	1	13	15,50	4	62	7,75	4	31	36,00	23	828	53,96	55
International Journal of Molecular Sciences	9,80	5	49	8,00	1	8				12,91	11	142	13,49	86	1160				4,47	17
Frontiers in Psychology				11,25	9	99	5,60	5	28	15,00	11	165	11,06	19	719	10,33	6	116	9,39	10

ARSIMED, Department Performance

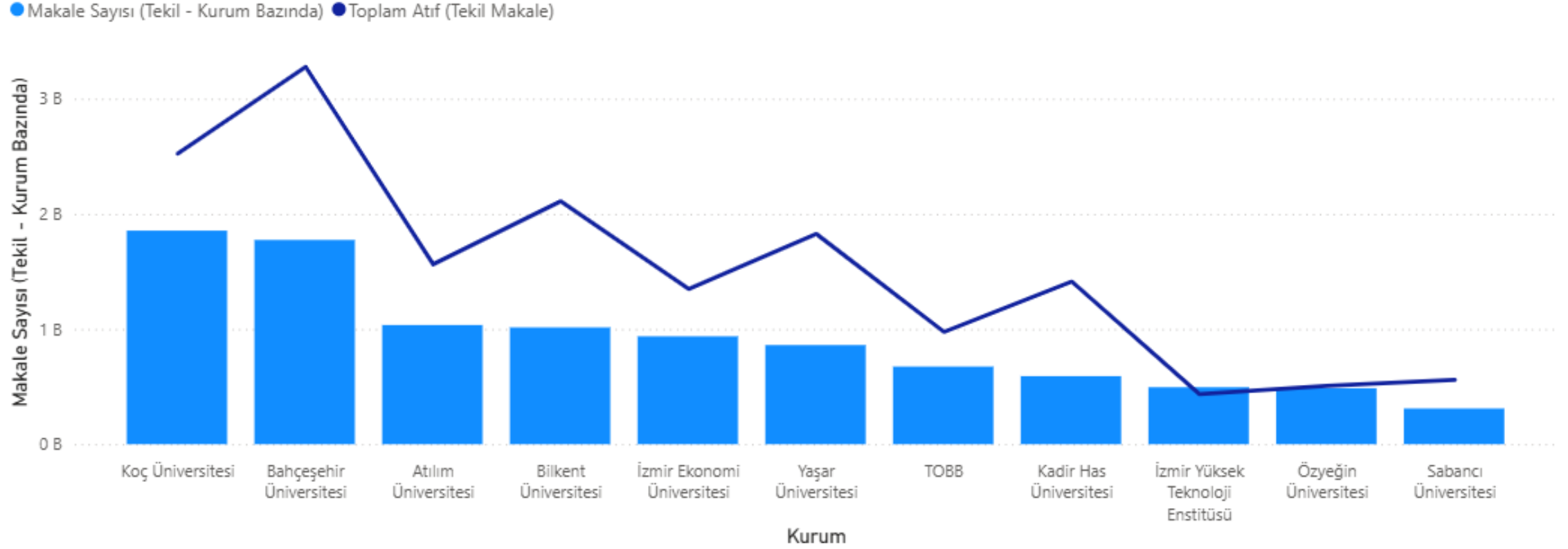
Publication Year ölçütüne göre Article Title Sayısı ve Toplam Times Cited (Her Makale 1 Kere)



Adi Soyadi	Bölüm	Fakülte	Article Title Sayısı	Toplam Times Cited, All Databases
Yigit Kazancoglu	Lojistik Yönetimi Bölümü	İşletme Fakültesi	160	5857
Arif Hepbasli	Enerji Sistemleri Mühendisliği Bölümü	Mühendislik Fakültesi	153	6088
Mir Jafar Sadegh Safari	İnşaat Mühendisliği Bölümü	Mühendislik Fakültesi	78	1408
Mustafa Secmen	Elektrik - Elektronik Müh. Bölümü	Mühendislik Fakültesi	66	220
Cuneyt Guzelis	Elektrik - Elektronik Müh. Bölümü	Mühendislik Fakültesi	43	375
Yucel ozturkoglu	Lojistik Yönetimi Bölümü	İşletme Fakültesi	36	534
Hakan Cetinkaya	40A Öğretim Elemanı(İTB_Psikoloji)	40A Öğretim Elemanları	29	146
Hakan Cetinkaya	Psikoloji Bölümü	İnsan ve Toplum Bilimleri Fakültesi	29	146
Sinan Alper	Psikoloji Bölümü	İnsan ve Toplum Bilimleri Fakültesi	29	1640
Emrah Biyik	Enerji Sistemleri Mühendisliği Bölümü	Mühendislik Fakültesi	25	1069
Muhittin Sagnak	40A Öğretim Elemanı (FEB_Loj.Müh.)	40A Öğretim Elemanları	25	1102
Muruvvet Deniz Sezer	İşletme Bölümü	İşletme Fakültesi	25	880

ARSIMED, TRDizin

Kurum ölçütüne göre Makale Sayısı (Tekil - Kurum Bazında) ve Toplam Atıf (Tekil Makale)



ARSIMED, TRDizin

İşbirliği Kurum ölçütüne göre Makale Sayısı (Tekil Kurum Bazında)



İşbirliği Kurum	Makale Sayısı (Tekil Kurum Bazında)	Atıf Toplamı (Tekil)
DOKUZ EYLÜL ÜNİVERSİTESİ	56	57
EGE ÜNİVERSİTESİ	40	52
İZMİR KATİP ÇELEBİ ÜNİVERSİTESİ	18	5
YAŞAR ÜNİVERSİTESİ	14	13
İSTANBUL TEKNİK ÜNİVERSİTESİ	13	4
İZMİR EKONOMİ ÜNİVERSİTESİ	11	5
MANİSA CELÂL BAYAR ÜNİVERSİTESİ	11	21
T.C. TARIM VE ORMAN BAKANLIĞI	11	14
ORTA DOĞU TEKNİK ÜNİVERSİTESİ	10	2
SÜLEYMAN DEMİREL ÜNİVERSİTESİ	10	1
ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ	8	12

Başlık	Atıf Toplamı (Tekil)
Eğitim yapılarının doğal aydınlatma performansı açısından incelenmesi	15
Nanoteknolojinin gıda bilim ve teknolojisi alanındaki uygulamaları	14
Çelik fiber katkılı etriyesiz betonarme kirişlerin davranışı	10
Hafıza Kutusu: Bir Kentsel Kolektif Bellek Deneyi(mi)	8
Miknatıssal saçtırma sistemi ile metal kaplanan polipropilen liflerin antistatik ve antibakteriyel özellikleri	8
Mimari fotogrametri alanındaki çağdaş gelişimlerin değerlendirilmesi	8
" Modern konut " olarak XIX.Yüzyıl İzmir	7

yaşar üniversitesi ile iyte yi karşılatırır mısın son iki yıl yayın ve atıf

Thought for 16m 39s

Varsayım & veri kaynağı

- “Son iki yıl”, Scopus verisinin en güncel yılı olan 2025 ile birlikte 2024–2025 yayın yılları olarak aldım.
- Tüm sayılar 21.10.2025_Scopus Tamamı.xlsx dosyasındaki verilerden, Scopus kapsamındaki yayınlar üzerinden hesaplandı.
- Yayınlar EID (Scopus benzersiz kimliği) bazında sayıldı; aynı EID aynı üniversite için bir kez sayıldı.

1. Genel karşılaştırma (2024–2025, Scopus)

Üniversite	2024–2025 Yayın Sayısı	Toplam Atıf	Makale Başına Ortalama Atıf	Medyan Atıf	0 Atıflı Yayın (adet / %)
Yaşar	427	1.496	3,5	1	205 (%48,0)
İYTE	923	2.220	2,4	1	413 (%44,7)

- Her iki üniversite için de medyan atıf 1 (çoğu yayın 0–1 atıf bandında).
- İYTE’nin yayın sayısı Yaşar’ın yaklaşık 2,2 katı;
- Yaşar’ın ise makale başına ortalama atıfı daha yüksek.

2. Yıllara göre yayın ve atıf dağılımı

2.1. Yayın sayısı (2024–2025)

+ Ask anything



SMM 2025

The Role of Data-Driven Management in Enhancing Research Quality: The Case of Yaşar University

Thanks...

M. Hasan ATASOY - YAŞAR UNIVERSITY

Coordinator Responsible for International Competition

YURank Ranking Office Coordinator



hasan.atasoy@yasar.edu.tr



linkedin.com/in/hsntsy



THE INTERNATIONAL ORGANISATION
FOR RESEARCH INFORMATION

