Μέλη του Πανεπιστημίου Δυτικής Μακεδονίας στο 2% των κορυφαίων επιστημόνων του κόσμου

21 Οκτωβρίου 2022 Δελτία Τύπου

Μεταξύ των κορυφαίων επιστημόνων στον κόσμο συγκαταλέγονται μέλη του Πανεπιστημίου Δυτικής Μακεδονίας σύμφωνα με τη λίστα «Updated science-wide author databases of standardized citation indicators» που δημοσιεύτηκε από το Stanford University για το έτος 2021 (https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/4).

Δεκατρία ενεργά και αφυπηρετήσαντα μέλη του διδακτικού και ερευνητικού προσωπικού, ακαδημαϊκοί υπότροφοι και μεταδιδάκτορες του ΠΔΜ περιλαμβάνονται στους επιστήμονες με τον μεγαλύτερο αντίκτυπο του επιστημονικού τους έργου και επιβεβαιώνουν με τον καλύτερο τρόπο την υψηλού επιπέδου και διεθνώς αναγνωρισμένη έρευνα που παράγεται στο Ίδρυμα.

Στις λίστες περιλαμβάνονται οι κορυφαίοι/κορυφαίες 100.000 επιστήμονες παγκοσμίως από όλα τα επιστημονικά πεδία καθώς και το 2% των κορυφαίων επιστημόνων του επιστημονικού τους υποπεδίου, λαμβάνοντας υπόψη τις αναφορές στο δημοσιευμένο ερευνητικό τους έργο σύμφωνα με τη βάση δεδομένων Scopus.

Για τον αντίκτυπο του συνολικού επιστημονικού τους έργου, καθ' όλη τη διάρκεια της καριέρας τους και έως το τέλος του 2021 στη λίστα συμπεριλαμβάνονται, με αλφαβητική σειρά, οι:

1. Θεοδουλίδης Θεόδωρος (Εφαρμοσμένη Φυσική)
2. ΚορωναίοςΧριστόφορος(Ενέργεια)
3. Πηλαβάκης Πέτρος (Ενέργεια)
4. Σκόδρας Γεώργιος (Ενέργεια)
5. Τσίπουρας Μάρκος (Τεχνητή Νοημοσύνη & Επεξεργασία Εικόνων)

Επιπρόσθετα, για τον αντίκτυπο του δημοσιευμένου έργου τους κατά τη διάρκεια του έτους 2021 με αλφαβητική σειρά συμπεριλαμβάνονται οι:

1. Γιανναράκης Γρηγόρης (Επιχειρήσεις & Διοίκηση)
2. ΓούλαΜαρία (Ενέργεια)
3. ΚολτσακλήςΝικόλαος(Ενέργεια)
4. Κορωναίος Χριστόφορος (Ενέργεια)
5. Πέλλας Νικόλαος (Εκπαίδευση)
6. ΠηλαβάκηςΠέτρος(Ενέργεια)
7. Ράδογλου- Γραμματίκης Παναγιώτης (Δίκτυα & Τηλεπικοινωνίες)
8. Σαρηγιαννίδης Παναγιώτης (Δίκτυα & Τηλεπικοινωνίες)
9. Τσίπουρας Μάρκος (Τεχνητή Νοημοσύνη & Επεξεργασία Εικόνων)
10. Φροντιστής Ζαχαρίας (Περιβαλλοντικές Επιστήμες)
11. ΧαρισίουΝικόλαος(Ενέργεια)

Η αύξηση του αριθμού του επιστημονικού προσωπικού του Πανεπιστημίου Δυτικής Μακεδονίας (https://www.uowm.gr/) στις λίστες του Stanford, από τους εννέα το 2019, στους δώδεκα το 2020 και στους δεκατρείς το 2021, καταδεικνύει τη σταθερά ανοδική πορεία του Ιδρύματος στις διεθνείς κατατάξεις.

Θερμά συγχαρητήρια στα μέλη της πανεπιστημιακής μας κοινότητας για τις διακρίσεις τους.

Προηγούμενο
Διαδικτυακή ημερίδα ενημέρωσης: Υποτροφίες ΙΚΥ για πραγματοποίηση διδακτορικών σπουδών στο Ευρωπαϊκό Πανεπιστημιακό Ινστιτούτο Φλωρεντίας

Επόμενο
Παράταση υποβολής ηλεκτρονικών αιτήσεων για τη χορήγηση δωρεάν σίτισης μόνο για τους πρωτοετείς φοιτητές /τριες ακαδημαϊκού έτους 2022-2023

Κοινοποίηση:

Προσεχείς Εκδηλώσεις

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT
192016	Faraone, Christopher A.	The University of Chicag	usa	54	1985	2022	367,500	47	4	3.5000	48	38	54	47	54	47	2.2218	41	1.1463	21	28.79%	308,124	66	4	3.5000	48	57	54	66	54	66	2.3515	43	1.5349	31	0	0	General &	0.3556	Literary S	0.2444	Clinical M	0.3778	8,273	10,074	648,015
192017	Guillod, Thomas	ETH Zürich	che	28	2011	2022	367,506	193	7	3.9500	0	0	13	96	13	96	2.2218	154	1.2532	24	5.39%	397,481	204	8	3.8667	0	0	13	100	13	100	2.2497	162	1.2593	25	0	0	Electrical	0.7778	Networki	0.0741	Engineeri	0.7778	1,575	1,419	82,803
192018	Clifford, Tammy J.	University of Ottawa	can	67	2000	2021	367,527	4,986	10	3.1919	3	0	8	9	16	32	2.2218	4,741	1.0517	48	2.29%	392,888	5,103	10	3.8269	3	0	8	9	16	32	2.2545	4,823	1.0581	50	0	5	General &	0.3134	Health Po	0.1642	Clinical M	0.7313	10,270	10,075	648,015
192019	Boyken, Scott E.	University of Washingto	usa	32	2009	2022	367,529	542	13	2.3242	0	0	5	53	5	53	2.2218	384	1.4115	29	12.16%	369,813	617	15	2.3242	0	0	5	60	5	60	2.2791	433	1.4249	29	0	0	General &	0.3750	Biochemi	0.2813	Clinical M	0.4688	9,767	10,076	648,015
192020	Ohrui, Takashi	Tohoku University	jpn	148	1988	2016	367,538	242	8	2.9478	6	3	44	46	53	48	2.2218	231	1.0476	51	4.35%	427,768	253	8	2.9478	6	3	44	46	53	48	2.2197	240	1.0542	52	0	1	General &	0.2449	Respirato	0.1020	Clinical M	0.8844	11,105	10,077	648,015
192021	Dai, Huaming	Wuhan University of Tec	chn	56	2012	2022	367,544	364	12	3.4263	0	0	10	18	17	121	2.2218	312	1.1667	37	28.49%	245,975	509	13	4.6898	0	0	10	43	17	170	2.4394	343	1.4840	42	0	0	Energy	0.3214	Materials	0.1786	Enabling &	0.5000	6,181	9,461	321,394
192022	Vallés, J.	Hospital Universitari Parc	esp	156	1990	2021	367,569	383	9	2.9993	3	0	36	52	66	100	2.2218	361	1.0609	78	10.51%	406,954	428	10	2.6691	3	0	36	57	66	109	2.2401	392	1.0918	81	0	2	General &	0.2273	Emergenc	0.1948	Clinical M	0.7727	10,614	10,078	648,015
192023	Xie, Lixin	General Hospital of Peop	chn	77	2003	2022	367,580	394	8	3.0795	2	0	15	42	44	147	2.2218	385	1.0234	38	3.19%	392,041	407	9	3.2462	2	0	15	42	44	152	2.2553	397	1.0252	39	1	1	General &	0.1948	Oncology	0.1429	Clinical M	0.8312	10,258	10,079	648,015
192024	Asch, David A.	University of Pennsylvai	usa	52	1993	2022	367,600	167	7	2.4194	3	2	8	77	16	114	2.2217	161	1.0373	27	11.17%	393,941	188	7	2.6873	3	2	8	80	16	118	2.2534	181	1.0387	32	0	0	General &	0.3654	Health Po	0.1538	Clinical M	0.7500	10,299	10,080	648,015
192025	Dickinson, Peter J.	University of California,	usa	93	1994	2022	367,602	237	7	2.9914	2	4	21	44	30	51	2.2217	179	1.3240	71	11.57%	384,007	268	8	3.0157	2	4	21	46	30	54	2.2637	199	1.3467	72	0	0	Veterinar	0.5054	Neurolog	0.2043	Agricultu	0.5484	1,035	976	56,000
192026	Van Saun, R. J.	Penn State College of Ag	usa	73	1989	2021	367,604	74	4	3.8611	21	24	35	39	45	49	2.2217	53	1.3962	35	9.76%	436,948	82	4	3.5278	21	24	35	40	45	50	2.2110	58	1.4138	37	0	0	Veterinar	0.4688	Dairy & A	0.2188	Agricultu	0.9219	1,223	977	56,000
192027	Maestrelli, Francesca	Università degli Studi di I	ita	97	2002	2022	367,620	290	7	3.8690	0	0	21	72	29	91	2.2217	240	1.2083	82	11.59%	333,467	328	8	4.8190	0	0	21	80	29	102	2.3201	258	1.2713	85	0	0	Pharmaco	0.6598	Analytica	0.1649	Clinical M	0.6701	2,613	2,948	131,949
192028	McMahon, Peter L.	Cornell University Colleg	usa	53	2009	2022	367,641	379	9	3.1384	0	0	2	60	12	79	2.2217	293	1.2935	30	10.19%	399,098	422	9	3.1384	0	0	2	69	12	88	2.2480	312	1.3526	31	0	0	Optoelect	0.4151	General P	0.2453	Enabling &	0.4340	2,894	2,461	158,872
192029	Yao, Jingjing	Newark College of Engir	usa	19	2017	2021	367,650	123	7	3.8333	0	0	19	123	19	123	2.2217	115	1.0696	17	20.65%	346,039	155	7	4.3333	0	0	19	155	19	155	2.3055	122	1.2705	18	0	0	Networki	1.0000			Informatic	1.0000	3,338	3,553	176,084
192030	Li, Zhongliang	Aix Marseille Université	fra	35	2012	2022	367,671	171	9	3.1857	0	0	19	99	19	99	2.2217	119	1.4370	23	7.07%	411,116	184	9	3.3524	0	0	19	101	19	101	2.2360	124	1.4839	23	0	2	Electrical	0.4412	Industrial	0.2353	Engineeri	0.6765	1,652	1,420	82,803
192031	Casner, Stephen M.	National Aeronautics an	usa	27	1987	2019	367,718	62	5	3.4167	14	13	26	61	26	61	2.2216	58	1.0690	15	1.59%	426,834	63	5	3.4167	14	13	26	62	26	62	2.2206	59	1.0678	15	0	0	Aerospac	0.4167	Human Fa	0.2500	Engineeri	0.4167	762	597	49,631
192032	Plummer, Caryn E.	University of Florida	usa	98	2001	2022	367,726	194	6	3.5087	12	8	24	25	46	54	2.2216	144	1.3472	52	11.42%	365,801	219	7	3.7523	12	8	24	27	46	58	2.2835	153	1.4314	58	1	1	Veterinar	0.7732	Ophthalm	0.0515	Agricultu	0.8763	973	978	56,000
192033	Merino, Roger	Universidad del Pacífico	per	14	2014	2022	367,732	43	4	4.0000	11	39	12	40	13	43	2.2216	39	1.1026	10	20.37%	283,302	54	5	5.0000	11	48	12	49	13	53	2.3842	43	1.2558	11	0	0	Law	0.2500	Political S	0.2500	Social Sc	0.5000	200	317	11,408
192034	Zielen, Stefan	Goethe-Universität Fran	deu	263	1985	2022	367,741	407	8	3.7273	5	0	37	27	161	145	2.2216	343	1.1866	114	18.76%	329,004	501	9	4.4308	5	0	37	31	161	178	2.3254	395	1.2684	122	1	4	General &	0.2015	Respirato	0.1749	Clinical M	0.8859	8,788	10,081	648,015
192035	Beechem, Joseph M.	NanoString Technologies	usa	21	2006	2022	367,747	323	9	1.9349	1	12	2	12	3	65	2.2216	306	1.0556	17	10.77%	373,119	362	10	1.9849	1	13	2	13	3	72	2.2756	338	1.0710	17	0	1	General &	0.2381	Oncology	0.1905	Clinical M	0.6667	9,853	10,082	648,015
192036	Wu, Zaijun	Southeast University	chn	189	2003	2022	367,762	389	8	4.9536	0	0	15	21	38	100	2.2215	365	1.0658	96	11.19%	408,060	438	8	4.9298	0	0	15	23	38	107	2.2390	398	1.1005	101	3	2	Electrical	0.4868	Energy	0.3968	Engineeri	0.5079	1,634	1,421	82,803
192037	Zhou, Kaiming	Aston University	gbr	274	1998	2022	367,767	333	8	3.8738	1	0	45	54	51	80	2.2215	264	1.2614	94	25.00%	301,880	444	10	4.9016	1	0	45	62	51	90	2.3595	291	1.5258	104	0	0	Optoelect	0.7336	Optics	0.1622	Enabling &	0.7413	2,103	2,462	158,872
192038	Ferrante, Lauren E.	Yale School of Medicine	usa	32	2013	2022	367,774	245	9	2.9414	1	0	9	81	18	102	2.2215	201	1.2189	23	15.22%	375,748	289	9	3.2747	1	0	9	91	18	114	2.2727	231	1.2511	25	0	0	General &	0.3438	Respirato	0.1875	Clinical M	0.9688	9,905	10,083	648,015
192039	Radoglou-Grammatikis, Panagio	University of Western M	grc	20	2017	2022	367,787	207	5	2.6607	0	0	16	200	16	200	2.2215	202	1.0248	14	17.53%	293,531	251	7	3.3274	0	0	16	234	16	234	2.3704	216	1.1620	18	0	2	Networki	0.7000	Artificial I	0.2000	Informatic	0.9000	2,750	3,554	176,084
192040	Raju, Murugesan	University of Missouri	usa	34	2011	2021	367,801	4,726	16	1.7538	0	0	10	19	10	19	2.2215	4,519	1.0458	29	4.27%	403,801	4,937	16	1.9204	0	0	10	20	10	20	2.2432	4,695	1.0515	30	0	21	General &	0.4545	Neurolog	0.1818	Clinical M	0.7576	10,553	10,084	648,015
192041	Allstot, David J.	Oregon State University	usa	291	1978	2022	367,811	213	7	3.6619	7	3	37	11	241	184	2.2215	166	1.2831	77	7.79%	399,438	231	7	3.9952	7	3	37	11	241	198	2.2477	172	1.3430	80	0	2	Electrical	0.7719	Networki	0.1263	Engineeri	0.8070	1,585	1,422	82,803
192042	Bishop, Tara F.	Weill Cornell Medicine	usa	43	2007	2017	367,814	198	8	3.5242	1	0	19	64	30	138	2.2215	191	1.0366	28	0.50%	432,024	199	8	3.5242	1	0	19	64	30	138	2.2157	192	1.0365	28	0	0	General &	0.3953	Health Po	0.3023	Clinical M	0.6744	11,208	10,085	648,015
192043	Ellis, Louise A.	The Faculty of Medicine,	aus	78	2002	2022	367,815	308	9	3.8484	0	0	15	46	20	80	2.2215	297	1.0370	50	13.48%	344,842	356	10	4.4622	0	0	15	55	20	89	2.3070	325	1.0954	55	0	1	General &	0.2179	Health Po	0.1795	Public He	0.4359	9,180	10,086	648,015
192044	Jimenez-Garcia, Rodrigo	Universidad Complutens	esp	288	1989	2022	367,833	431	7	3.9202	0	0	34	27	139	162	2.2215	397	1.0856	156	10.95%	373,110	484	7	4.4698	0	0	34	30	139	185	2.2756	421	1.1496	163	0	2	General &	0.2195	Virology	0.0941	Clinical M	0.7770	9,852	10,087	648,015
192045	Linder, Lauri A.	University of Utah Healt	usa	50	2005	2022	367,850	94	5	3.2897	7	10	27	52	35	69	2.2214	82	1.1463	31	24.19%	321,392	124	6	3.4897	7	10	27	67	35	90	2.3348	91	1.3626	39	0	1	Nursing	0.5200	Oncology	0.3200	Public He	0.5400	767	983	46,783
192046	Daniel, Hilary	American College of Phy	usa	14	2014	2020	367,867	139	5	2.1162	1	4	11	120	12	125	2.2214	136	1.0221	11	0.71%	430,639	140	5	2.1162	1	4	11	120	12	125	2.2170	136	1.0294	11	0	1	General &	0.7857	Obstetric	0.0714	Clinical M	1.0000	11,177	10,088	648,015
192047	Webster, Bonnie L.	The Natural History Mus	gbr	102	1999	2022	367,915	282	8	3.9404	1	0	21	47	34	104	2.2214	180	1.5667	79	28.24%	294,887	393	10	4.3911	1	0	21	68	34	132	2.3686	205	1.9171	87	0	0	Tropical M	0.2970	Mycology	0.2970	Biomedic	0.4950	272	341	14,981
192048	Sica, Giuseppe S.	Policlinico Tor Vergata	ita	147	1990	2022	367,922	783	10	3.2607	1	0	25	35	37	49	2.2214	733	1.0682	77	30.95%	259,643	1,134	12	3.9475	1	0	25	58	37	82	2.4186	939	1.2077	86	0	1	Surgery	0.2789	Gastroen	0.2177	Clinical M	0.9660	1,651	2,538	95,230
192049	Yang, Juan	Fudan University	chn	55	2012	2022	367,931	462	9	2.4933	0	0	13	78	14	81	2.2214	426	1.0845	45	15.54%	317,973	547	12	2.4933	0	0	13	103	14	106	2.3391	471	1.1614	46	0	2	General &	0.2909	Microbiol	0.2727	Clinical M	0.5455	8,506	10,089	648,015
192050	Bosch, Thierry	Institut National Polytech	fra	139	1991	2021	367,932	282	7	3.9484	1	2	19	12	108	151	2.2214	151	1.8675	57	24.60%	272,322	374	10	5.0151	1	2	19	12	108	227	2.3998	158	2.3671	60	1	0	Optoelect	0.2971	Electrical	0.2029	Enabling &	0.3261	1,887	2,463	158,872
192051	Bhargava, A.	Yenepoya Medical Colle	ind	30	2011	2022	367,942	160	6	2.9393	2	5	18	61	22	62	2.2214	151	1.0596	15	20.79%	317,780	202	7	2.9393	2	7	18	77	22	78	2.3393	181	1.1160	17	0	2	General &	0.4828	Microbiol	0.1724	Clinical M	0.7586	8,496	10,090	648,015
192052	Dowell, Anthony	University of Otago, We	nzl	184	1989	2022	367,958	444	9	3.9119	2	0	16	16	67	155	2.2213	402	1.1045	89	11.02%	367,128	499	10	4.0268	2	0	16	20	67	172	2.2821	433	1.1524	94	1	2	General &	0.5574	Public He	0.0929	Clinical M	0.8142	9,717	10,091	648,015
192053	Díaz-Flores, Lucio	Pathology	esp	269	1970	2022	367,960	233	7	2.9016	2	0	83	117	133	129	2.2213	146	1.5959	75	21.55%	281,049	297	7	3.3917	2	1	83	150	133	164	2.3875	158	1.8797	88	1	0	General &	0.3048	Oncology	0.2082	Clinical M	0.9108	7,587	10,092	648,015
192054	Zhu, Jun	Northwestern Polytechn	chn	12	2016	2022	367,968	221	6	2.2333	0	0	6	192	7	193	2.2213	197	1.1218	11	3.91%	424,071	230	6	2.2333	0	0	6	196	7	197	2.2233	202	1.1386	11	0	0	Electrical	0.2500	Artificial I	0.2500	Engineeri	0.3333	1,705	1,423	82,803
192055	Lee, Doojin	Chonnam National Unive	kor	47	2010	2022	367,971	146	7	3.1361	1	4	13	39	23	83	2.2213	140	1.0429	34	17.51%	269,244	177	8	4.5528	1	6	13	45	23	102	2.4044	154	1.1494	36	0	0	Materials	0.4468	Polymers	0.1702	Enabling &	0.5745	5,760	8,104	315,721
192056	Wang, Yi	Chongqing University	chn	35	2015	2023	367,975	230	9	3.1262	0	0	11	80	15	96	2.2213	208	1.1058	27	12.88%	348,365	264	11	3.4179	0	0	11	88	15	105	2.3028	230	1.1478	27	0	0	Electrical	0.3143	Artificial I	0.2571	Engineeri	0.4571	1,347	1,424	82,803
192057	Liu, Yang	Iowa State University	usa	72	2014	2022	367,976	192	7	3.8429	0	0	29	99	31	99	2.2213	131	1.4656	43	18.30%	318,530	235	8	4.8762	0	0	29	115	31	115	2.3383	143	1.6434	45	0	0	Aerospac	0.3944	Mechanic	0.2254	Engineeri	0.6620	548	598	49,631
192058	Bickel, Janet	Career and Leadership I	usa	79	1980	2022	368,010	89	5	2.6576	40	20	53	42	68	68	2.2213	82	1.0854	24	1.11%	430,565	90	5	2.6576	40	20	53	42	68	68	2.2170	83	1.0843	24	1	0	General &	0.5658	Public He	0.0395	Clinical M	0.8947	11,175	10,093	648,015
192059	Gorthi, Sai Siva	Indian Institute of Scienc	ind	99	2005	2022	368,032	219	6	2.7250	0	0	19	127	68	198	2.2212	213	1.0282	37	13.78%	372,184	254	6	3.3083	0	0	19	131	68	212	2.2766	231	1.0996	48	0	0	Optics	0.2577	Optoelect	0.2577	Physics &	0.3814	303	269	13,865
192060	Bennett, Cathy	Royal College of Surgeo	irl	76	1987	2018	368,034	329	9	3.8461	0	0	11	38	21	91	2.2212	298	1.1040	49	17.13%	360,798	397	11	3.8861	0	0	11	42	21	97	2.2890	345	1.1507	50	0	1	General &	0.6579	Gastroen	0.1579	Clinical M	0.9605	9,559	10,094	648,015
192061	Shusterman, Dennis J.	University of California,	usa	111	1985	2022	368,043	91	5	3.4683	26	21	62	33	86	45	2.2212	86	1.0581	39	9.90%	408,808	101	5	3.4683	26	21	62	35	86	49	2.2383	92	1.0978	41	0	1	General &	0.1553	Toxicolog	0.1456	Clinical M	0.6796	10,656	10,095	648,015
192062	Bayly, Christopher A.	University of Cambridge	gbr	46	1971	2020	368,054	53	4	3.6667	39	29	44	45	46	53	2.2212	50	1.0600	19	0.00%	431,625	53	4	3.6667	39	29	44	45	46	53	2.2161	50	1.0600	19	0	0	History	0.8276	General &	0.0690	Historical	0.8621	184	159	20,903
192063	Fassois, Spilios D.	University of Patras	grc	223	1984	2023	368,059	229	8	5.9778	6	0	25	10	195	216	2.2212	157	1.4586	61	28.88%	252,419	322	9	5.9778	6	1	25	19	195	301	2.4292	167	1.9281	80	1	2	Acoustics	0.4414	Industrial	0.2072	Physics &	0.4685	429	598	22,664
192064	Peterson, Lars	American Board Family I	usa	146	2006	2022	368,064	289	8	2.8702	5	1	40	40	86	109	2.2212	227	1.2731	86	21.89%	287,227	370	9	3.6202	5	1	40	61	86	154	2.3787	251	1.4741	99	0	0	General &	0.7192	Public He	0.0616	Clinical M	0.8630	7,735	10,096	648,015
192065	Henry, Jean François	Aix Marseille Université	fra	206	1977	2017	368,070	289	7	3.0178	12	3	64	34	120	69	2.2212	263	1.0989	69	7.96%	408,766	314	7	3.2198	12	3	64	34	120	71	2.2383	284	1.1056	72	0	2	General &	0.3184	Surgery	0.2935	Clinical M	0.9950	10,655	10,097	648,015
192066	Munhoz, Alexandre Mendonça	Hospital Sirio-Libanês	bra	125	1996	2022	368,077	130	5	2.6601	14	6	84	82	91	84	2.2212	111	1.1712	48	26.55%	235,676	177	6	3.6927	14	12	84	106	91	108	2.4560	124	1.4274	52	2	1	Surgery	0.4240	Oncology	0.1040	Clinical M	0.9920	1,477	2,539	95,230
192067	McNamara, Jack	The Ohio State Universit	usa	133	2001	2022	368,083	217	7	3.9000	0	0	12	52	85	164	2.2212	98	2.2143	57	16.22%	339,777	259	8	4.8429	0	0	12	53	85	178	2.3127	109	2.3761	61	0	0	Aerospac	0.7826	Mechanic	0.0783	Engineeri	0.8783	591	599	49,631

September 2022 data-update for "Updated science-wide author databases of standardized citation indicators"

Published: 10 October 2022 | Version 4 | DOI: 10.17632/btchxktzyw.4
Contributor: John P.A. Ioannidis

Description

Citation metrics are widely used and misused. We have created a publicly available database of top-cited scientists that provides standardized information on citations, h-index, co-authorship adjusted hm-index, citations to papers in different authorship positions and a composite indicator (c-score). Separate data are shown for career-long and, separately, for single recent year impact. Metrics with and without self-citations and ratio of citations to citing papers are given. Scientists are classified into 22 scientific fields and 176 sub-fields. Field- and subfield-specific percentiles are also provided for all scientists with at least 5 papers. Career-long data are updated to end-of-2021 and single recent year data pertain to citations received during calendar year 2021. The selection is based on the top 100,000 scientists by c-score (with and without self-citations) or a percentile rank of 2% or above in the sub-field. 195,605 scientists are included in the career-long database and 200,409 scientists are included in the single recent year dataset. This version (4) is based on the Sept 1, 2022 snapshot from Scopus, updated to end of citation year 2021. This work uses Scopus data provided by Elsevier through ICSR Lab (https://www.elsevier.com/icsr/icsrlab).

Calculation were performed using all Scopus author profiles as of September 1, 2022. If an author is not on the list it is simply because the composite indicator value was not high enough to appear on the list. It does not mean that the author does not do good work. Please also note that the database has been published in an archival form and will not be changed. The published version accurately reflects Scopus author profiles at the time of calculation. Some authors may not appear on the list if their Scopus profile was inaccurate (missing publications and citations) at the time of calculation. We thus advise authors to ensure that their Scopus profiles are accurate. Requests for corrections of the Scopus data should not be sent to us. They should be sent directly to Scopus, preferably by use of the Scopus to ORCID feedback wizard (https://orcid.scopusfeedback.com/) so that the correct data can be used in any future annual updates of the citation indicator databases.

The c-score focuses on impact (citations) rather than productivity (number of publications) and it also incorporates information on co-authorship and author positions (single, first, last author). If you have additional questions, please read the 3 associated papers published in PLoS Biology that explain the development, validation and use of these metrics and databases. (https://doi.org/10.1371/journal.pbio.1002501, https://doi.org/10.1371/journal.pbio.3000384 and https://doi.org/10.1371/journal.pbio.3000918).

Finally, we alert users that all citation metrics have limitations and their use should be tempered and judicious. For more reading, we refer to the Leiden manifesto: https://www.nature.com/articles/520429a

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Files

Code

Table_1_Authors_career_2021_pubs_since_1788_wopp_extracted_202209.xlsx	77.2 MB
Table_1_Authors_singleyr_2021_pubs_since_1788_wopp_extracted_202209.xlsx	69.9 MB
Table_2_field_subfield_thresholds_career_2021_pubs_since_1788_wopp_extracted_202209.xlsx	42 KB
Table_2_field_subfield_thresholds_singleyr_2021_pubs_since_1788_wopp_extracted_202209.xlsx	40.4 KB
Table_3_maxlog_career_2021_pubs_since_1788_wopp_extracted_202209.xlsx	5.1 KB
Table_3_maxlog_singleyr_2021_pubs_since_1788_wopp_extracted_202209.xlsx	5.1 KB

Steps to reproduce

Code is provided with the dataset and runs on the ICSR Lab data sharing platform (https://www.elsevier.com/icsr/icsrlab) using Scopus data. It is written in python (pyspark) and can be used with other datasets on any pyspark platform.

Institutions

Stanford University

Categories

Bibliometrics

Additional metadata for Elsevier datasets

Date the data was collected	2022-09-01T00:00:00.000Z

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Version 6 — 4 October 2023

Previous versions

Version 5 — 3 November 2022
Version 4
Published: 10 Oct 2022
DOI: 10.17632/btchxktzyw.4

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Version 3 — 19 October 2021
Version 2 — 8 October 2020
Version 1 — 6 July 2019

Version comparison

Compare versions

PLOS BIOLOGY

FORMAL COMMENT

Updated science-wide author databases of standardized citation indicators

John P. A. Ioannidis[1,2,3,4]*, **Kevin W. Boyack**[5], **Jeroen Baas**[6]

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Competing interests: I have read the journal's policy and the authors of this manuscript have the following competing interests. JPAI is a member of the editorial board of *PLOS Biology*. JB is an Elsevier employee. Elsevier runs Scopus and ICSR Lab, which is the source of this data, and also runs Mendeley Data, where the database is now stored.

There was great interest in the databases of standardized citation metrics across all scientists and scientific disciplines [1], and many scientists urged us to provide updates of the databases. Accordingly, we have provided updated analyses that use citations from Scopus with data freeze as of May 6, 2020, assessing scientists for career-long citation impact up until the end of 2019 (Table-S6-career-2019) and for citation impact during the single calendar year 2019 (Table-S7-singleyr-2019). Updated databases and code are freely available in Mendeley (https://dx.doi.org/10.17632/btchxktzyw). The original database (version 1) can also be found in https://data.mendeley.com/datasets/btchxktzyw/1, the updated (version 2) can also be found in https://data.mendeley.com/datasets/btchxktzyw/2, and any subsequent updates that might appear in the future will be generally accessible in https://dx.doi.org/10.17632/btchxktzyw.

S6 and S7 tabulated data include all scientists who are among the top 100,000 across all fields according to the composite citation index [2] when self-citations are included and/or when self-citations are not included. Furthermore, in the current update, Tables S6 and S7 include also scientists who are not in the top 100,000 according to the composite index but are nevertheless within the top 2% of scientists of their main subfield discipline, across those that have published at least five papers. Another new feature in this update is that Tables S6 and S7 include new columns showing for each scientist the rank of their composite citation index within their subfield discipline (with and without self-citations) and the total number of authors within the subfield discipline. For example, for Kevin W. Boyack, rank is 50 and 52 for the composite citation index with and without self-citations, respectively, among the total of 10,391 scientists whose main subfield discipline is "Information and Library Sciences." This extension allows the inclusion of more comprehensive samples of top-cited scientists for fields that have low citation densities and therefore would be less likely to be found in the top 100,000 when all scientific fields are examined together. Comparisons of citation metrics are more meaningful when done within the same subdiscipline. Of course, even within the same subdiscipline, different areas may still possess different citation densities, and assessing citation indicators always require caution.

Field and subfield discipline categories use the Science-Metrix classification as in our previous work [1], but multidisciplinary journals that were previously not assigned to a Science-Metrix field or subfield [3] have now been assigned to a specific field and subfield using a character-based convolutional deep neural network. This machine learning approach was trained with a set consisting of over a million entries was found to be outperforming other approaches such as Wikipedia and Yahoo! Answers [4]. This allows a more accurate classification of scientists who publish many papers in multidisciplinary journals.

Tables S8 and S9 provide the 25th, 50th, 75th, 90th, 95th, and 99th percentile thresholds for each field and each subfield for career-long and single year 2019 impact based on citations and, separately, based on the composite indicator. The formula to calculate the composite indicator for career-long impact is derived by summing the ratio of log of 1 + the indicator value over the maximum of those indicator logs for 6 indicators (NC, H, Hm, NCS, NCSF, NCSFL) [3]:

$$c_i = \frac{\log(NC_i + 1)}{\max\log(NC + 1)} + \frac{\log(H_i + 1)}{\max\log(H + 1)} + \frac{\log(Hm_i + 1)}{\max\log(Hm + 1)} + \frac{\log(NCS_i + 1)}{\max\log(NCS + 1)} + \frac{\log(NCSF_i + 1)}{\max\log(NCSF + 1)} + \frac{\log(NCSFL_i + 1)}{\max\log(NCSFL + 1)}$$

The formula to calculate the composite indicator for single year 2019 impact follows the same principle and only uses citations from publications published in 2019. Maximum log values across the population are in separate tables for career (S10) and single year 2019 (S11).

Given the increasing attention given to the analysis of self-citations, we also include in Tables S8 and S9 data for each discipline and each subdiscipline of the 95th and 99th percentile threshold for the percentage of self-citations and for the ratio of citations over citing papers within the set of selected top-cited researchers. Very high proportion of self-citations and/or ratio of citations over citing papers may or may not be justifiable and may require a closer look at the citation practices of these scientists. A percentage (4.9%) of the scientists who are in the top 2% of their subdiscipline for career-long impact when self-citations are included are no longer in the top 2% of their subdiscipline when self-citations are excluded, and 0.01% (n = 15) of these fall below the top 10%. Some scientists have extremely high ratios of citations over citing papers, far exceeding the 99th percentile threshold. Many papers by the same scientist may be fully legitimately often cited together in the same article. However, some authors have been found to manipulate peer-review to add multiple citations to their works [5,6].

Publications in author profiles currently have 98.1% average precision and 94.4% average recall [7]. Comments for correction of author profiles should be addressed to Scopus, preferably by use of the Scopus to ORCID feedback wizard (https://orcid.scopusfeedback.com/).

Acknowledgments

This work uses Scopus data provided by Elsevier through ICSR Lab.

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