

***Pseudo ranking of 112 US higher Education and research institutions in universe sciences
When only publications in the top 10% of their discipline are considered ($\phi = 0.1$)
When direct 3-years citations are used to account for publications impact***

Institution	Strong dominance Rank	Strong dominance Importance	Dominance Rank	Dominance Importance	Weak dominance Rank	Weak dominance Importance
Caltech	1	.73530261817286	1	.74944797447719	1	.74944828736800
Berkeley	2	.16430647396711	2	.18736199361930	2	.18736207184200
Arizona	4	.02738441232785	3	.04684049840482	3	.04684051796050
CO_Boulder	4	.02738441232785	4	.01171012460121	4	.01171012949012
MIT	8	.00120775775278	5	.00146376557515	5	.00146376618627
Princeton	7	.00141398616447	5	.00146376557515	5	.00146376618627
Seattle	3	.03903836115221	5	.00146376557515	5	.00146376618627
UCLA	6	.00200035410514	8	.00018297069689	8	.00018297077328
PA_Univ_Park	10	.00039418298208	9	.00004040602890	9	.00004092042143
Manoa	9	.00120077877368	10	.00001067329065	11	.00000964454377
Columbia	12	.00005017925961	11	.00000968219938	10	.00000985121257
Santa_Cruz	16	.00000732010332	12	.00000144851802	12	.00000186001916
Chicago	18	.00000142048982	13	.00000083861569	13	.00000075778558
Johns_Hopkins	18	.00000142048982	14	.00000072425901	14	.00000065445118
Stanford	11	.00018771087604	15	.00000048792186	15	.00000044089343
UCSD	14	.00004213884225	15	.00000048792186	17	.00000024494079
MD_Coll_Park	13	.00004772040737	17	.00000032189289	16	.00000029086719
WI_Madison	15	.00002249764491	18	.00000003811890	18	.00000003061760
Harvard	22	.00000092095824	19	.00000001905945	19	.00000001722240
Austin	20	.00000120638838	20	.00000000577559	20	.00000000465470
UM_Ann_Arbor	17	.00000185463744	20	.00000000577559	20	.00000000465470
Yale	25	.00000007449640	22	.00000000084709	22	.00000000070296
Columbus	24	.00000034734678	23	.00000000068683	23	.00000000056008
UCSB	21	.00000100586906	24	.00000000034341	24	.00000000028004
Twin_Cities	23	.00000069014110	25	.00000000017171	25	.00000000014002
Cornell	27	.00000002868824	26	.00000000002022	26	.00000000001521
New_Brunswick	29	.00000001092354	27	.00000000001155	27	.00000000000903
AZ_Tempe	30	.00000000638567	28	.00000000000729	27	.00000000000903
Urbana_Champaign	28	.00000002267590	29	.00000000000364	29	.00000000000282
Oregon_State	26	.00000007163677	30	.00000000000282	30	.00000000000197
Virginia	33	.00000000120342	31	.00000000000213	31	.00000000000113
CO_State	31	.00000000523799	32	.00000000000033	32	.00000000000025
MA_Amherst	37	.00000000063882	33	.00000000000021	33	.00000000000019
UC_Davis	35	.00000000068164	34	.00000000000005	34	.00000000000002
Florida	32	.00000000459332	35	.00000000000005	35	.00000000000002
UC_Riverside	39	.00000000006227	36	.00000000000002	36	.00000000000001
UC_Irvine	43	.00000000001890	37	.00000000000001	37	.00000000000001
Delaware	36	.00000000064867	38	.00000000000001	38	.00000000000000
USC	38	.00000000007329	39	.00000000000000	39	.00000000000000

***Pseudo ranking of 112 US higher Education and research institutions in universe sciences
When only publications in the top 10% of their discipline are considered ($\phi = 0.1$)
When direct 3-years citations are used to account for publications impact***

Institution	Strong dominance Rank	Strong dominance Importance	Dominance Rank	Dominance Importance	Weak dominance Rank	Weak dominance Importance
Georgia_Inst_Tech	40	.00000000005139	40	.00000000000000	40	.00000000000000
Iowa	41	.00000000002870	41	.00000000000000	41	.00000000000000
Carnegie_Mellon	52	.00000000000075	42	.00000000000000	42	.00000000000000
Stony_Brook	34	.00000000071639	43	.00000000000000	43	.00000000000000
Michigan	42	.00000000001905	44	.00000000000000	44	.00000000000000
WU_St_Louis	47	.00000000000179	45	.00000000000000	45	.00000000000000
Bloomington	49	.00000000000170	46	.00000000000000	46	.00000000000000
Rice	44	.00000000001519	47	.00000000000000	47	.00000000000000
Texas_AM	45	.00000000001059	47	.00000000000000	47	.00000000000000
Miami	46	.00000000000340	49	.00000000000000	49	.00000000000000
Rochester	55	.00000000000034	50	.00000000000000	50	.00000000000000
Northwestern	50	.00000000000114	51	.00000000000000	51	.00000000000000
Purdue	53	.00000000000074	52	.00000000000000	52	.00000000000000
UNC	51	.00000000000095	53	.00000000000000	53	.00000000000000
Pennsylvania	59	.00000000000003	54	.00000000000000	54	.00000000000000
Notre_Dame	56	.00000000000015	55	.00000000000000	55	.00000000000000
Pittsburgh	62	.00000000000002	56	.00000000000000	56	.00000000000000
Duke	48	.00000000000177	57	.00000000000000	57	.00000000000000
Boston	54	.00000000000069	58	.00000000000000	58	.00000000000000
NYU	65	.00000000000001	59	.00000000000000	59	.00000000000000
Brown	60	.00000000000003	60	.00000000000000	61	.00000000000000
Utah	61	.00000000000002	60	.00000000000000	61	.00000000000000
Dartmouth_Coll	66	.00000000000001	62	.00000000000000	60	.00000000000000
Georgia	63	.00000000000001	63	.00000000000000	63	.00000000000000
Virginia_Tech	64	.00000000000001	64	.00000000000000	64	.00000000000000
Florida_State	58	.00000000000003	65	.00000000000000	66	.00000000000000
Raleigh	57	.00000000000006	66	.00000000000000	65	.00000000000000
TN_Knoxville	68	.00000000000000	67	.00000000000000	67	.00000000000000
SUNY_Albany	72	.00000000000000	68	.00000000000000	67	.00000000000000
George_Mason	67	.00000000000001	69	.00000000000000	69	.00000000000000
Vanderbilt	70	.00000000000000	70	.00000000000000	70	.00000000000000
CWRU	75	.00000000000000	71	.00000000000000	71	.00000000000000
Cincinnati	73	.00000000000000	72	.00000000000000	72	.00000000000000
Rensselaer	69	.00000000000000	73	.00000000000000	73	.00000000000000
IL_Chicago	77	.00000000000000	74	.00000000000000	74	.00000000000000
MD_Baltimore	80	.00000000000000	74	.00000000000000	74	.00000000000000
Albuquerque	74	.00000000000000	76	.00000000000000	76	.00000000000000
Lincoln	71	.00000000000000	77	.00000000000000	77	.00000000000000
Iowa_State	76	.00000000000000	78	.00000000000000	78	.00000000000000

***Pseudo ranking of 112 US higher Education and research institutions in universe sciences
When only publications in the top 10% of their discipline are considered ($\phi = 0.1$)
When direct 3-years citations are used to account for publications impact***

Institution	Strong dominance Rank	Strong dominance Importance	Dominance Rank	Dominance Importance	Weak dominance Rank	Weak dominance Importance
Tufts	81	.00000000000000	79	.00000000000000	79	.00000000000000
CT_Storrs	78	.00000000000000	80	.00000000000000	80	.00000000000000
Oregon	79	.00000000000000	81	.00000000000000	81	.00000000000000
UMDNJ	82	.00000000000000	82	.00000000000000	82	.00000000000000
Birmingham	87	.00000000000000	83	.00000000000000	83	.00000000000000
Boston_Coll	83	.00000000000000	83	.00000000000000	83	.00000000000000
Mt_Sinai	85	.00000000000000	83	.00000000000000	83	.00000000000000
OR_Health_Sci	83	.00000000000000	86	.00000000000000	86	.00000000000000
George_Washington	85	.00000000000000	87	.00000000000000	87	.00000000000000
CUNY	90	.00000000000000	88	.00000000000000	88	.00000000000000
UCSF	89	.00000000000000	88	.00000000000000	88	.00000000000000
Health_Houston	92	.00000000000000	90	.00000000000000	90	.00000000000000
So_Methodist	88	.00000000000000	90	.00000000000000	90	.00000000000000
Brandeis	91	.00000000000000	92	.00000000000000	92	.00000000000000
Mayo_Coll_Med	97	.00000000000000	93	.00000000000000	93	.00000000000000
Wake_Forest	94	.00000000000000	93	.00000000000000	93	.00000000000000
CO_Health	93	.00000000000000	95	.00000000000000	95	.00000000000000
Emory	96	.00000000000000	96	.00000000000000	96	.00000000000000
Yeshiva	95	.00000000000000	97	.00000000000000	97	.00000000000000
Texas_SW_Med_Center	99	.00000000000000	98	.00000000000000	98	.00000000000000
MA_Med_Sch	104	.00000000000000	99	.00000000000000	99	.00000000000000
Rutgers_Newark	98	.00000000000000	100	.00000000000000	100	.00000000000000
WI_Med_Coll	103	.00000000000000	101	.00000000000000	101	.00000000000000
TX_Anderson	102	.00000000000000	102	.00000000000000	102	.00000000000000
TX_Health_SA	101	.00000000000000	103	.00000000000000	103	.00000000000000
Rockefeller	100	.00000000000000	104	.00000000000000	104	.00000000000000
MA_Boston	105	.00000000000000	105	.00000000000000	105	.00000000000000
Virginia_Comm	106	.00000000000000	106	.00000000000000	106	.00000000000000
TN_Health	108	.00000000000000	107	.00000000000000	107	.00000000000000
CT_Health	107	.00000000000000	108	.00000000000000	108	.00000000000000
SUNY_Health_Brooklyn	109	.00000000000000	109	.00000000000000	109	.00000000000000
Polytech_Brooklyn	110	.00000000000000	110	.00000000000000	110	.00000000000000
NE_Med	111	.00000000000000	111	.00000000000000	111	.00000000000000
Baylor_Coll_Med	112	.00000000000000	112	.00000000000000	112	.00000000000000