

***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 the direct impact factor of the journal (3 years window) is 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	.73110848058617	1	.74991092308841	1	.74991463596803
Arizona	3	.07127798627829	2	.18747773077210	2	.18747865899201
Berkeley	2	.14255597255657	3	.04686943269303	3	.04686966474800
Princeton	4	.03563899313914	4	.01171735817326	4	.01171741618700
Johns_Hopkins	6	.00516400511364	5	.00292933954331	5	.00292935404675
CO_Boulder	7	.00330654804150	6	.00048822325722	6	.00048822567446
MIT	8	.00123924802951	6	.00048822325722	6	.00048822567446
UCLA	10	.00015977545729	8	.00006974617960	8	.00008137094574
Manoa	5	.00885413812243	9	.00002324872653	9	.00001017136822
PA_Univ_Park	12	.00011277240281	10	.00001162436327	9	.00001017136822
Santa_Cruz	16	.00002350152724	10	.00001162436327	9	.00001017136822
Columbus	14	.00006093836002	12	.00000114966230	12	.00000088021456
Columbia	17	.00001524343569	13	.00000063870128	13	.00000048900809
Chicago	20	.00000060644125	14	.00000038322077	14	.00000029340485
Austin	9	.00018819363238	15	.00000025548051	15	.00000019560323
MD_Coll_Park	15	.00003833573993	16	.00000005109610	16	.00000003912065
Urbana_Champaign	19	.00000240935255	17	.00000003193506	17	.00000002445040
WI_Madison	13	.00009409681619	18	.00000001161275	18	.00000000889106
Stanford	21	.00000035852740	19	.00000000132275	19	.00000000101274
UM_Ann_Arbor	18	.00000282050495	19	.00000000132275	19	.00000000101274
UCSB	29	.00000000351212	21	.00000000066138	21	.00000000050637
Seattle	11	.00015508538961	22	.00000000028345	22	.00000000021702
Cornell	24	.00000006390650	23	.00000000022046	23	.00000000016879
UCSD	27	.00000001515430	24	.00000000004724	24	.00000000003617
Yale	22	.00000019022373	25	.00000000000945	25	.00000000000723
Virginia	32	.00000000090529	26	.00000000000337	26	.00000000000258
Harvard	26	.00000001793818	27	.00000000000236	27	.00000000000181
Twin_Cities	23	.00000015746407	28	.00000000000039	28	.00000000000030
Florida	25	.00000002482176	29	.00000000000032	29	.00000000000024
MA_Amherst	31	.00000000104274	30	.00000000000006	30	.00000000000004
New_Brunswick	35	.00000000009618	31	.00000000000001	31	.00000000000001
UC_Davis	28	.00000001206095	32	.00000000000000	33	.00000000000000
Northwestern	40	.00000000001139	33	.00000000000000	34	.00000000000000
AZ_Tempe	36	.00000000008759	34	.00000000000000	32	.00000000000000
Delaware	34	.00000000055423	34	.00000000000000	35	.00000000000000
Rochester	46	.00000000000101	36	.00000000000000	36	.00000000000000
UC_Riverside	30	.00000000197982	37	.00000000000000	38	.00000000000000
Michigan	33	.00000000060942	38	.00000000000000	37	.00000000000000
Pittsburgh	39	.00000000004147	39	.00000000000000	40	.00000000000000

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Carnegie_Mellon	43	.00000000000534	40	.00000000000000	39	.00000000000000
George_Mason	55	.00000000000002	41	.00000000000000	41	.00000000000000
Pennsylvania	37	.00000000006170	42	.00000000000000	42	.00000000000000
UC_Irvine	42	.00000000000769	43	.00000000000000	43	.00000000000000
Iowa	44	.00000000000341	44	.00000000000000	44	.00000000000000
WU_St_Louis	53	.00000000000002	45	.00000000000000	45	.00000000000000
Notre_Dame	49	.00000000000017	46	.00000000000000	47	.00000000000000
Bloomington	38	.00000000004337	47	.00000000000000	46	.00000000000000
UNC	41	.00000000001017	48	.00000000000000	48	.00000000000000
Rice	47	.00000000000030	49	.00000000000000	49	.00000000000000
Boston	52	.00000000000003	50	.00000000000000	50	.00000000000000
Purdue	45	.00000000000199	51	.00000000000000	51	.00000000000000
NYU	50	.00000000000007	52	.00000000000000	52	.00000000000000
Stony_Brook	48	.00000000000028	53	.00000000000000	53	.00000000000000
CWRU	58	.00000000000000	54	.00000000000000	54	.00000000000000
Iowa_State	56	.00000000000001	55	.00000000000000	55	.00000000000000
Raleigh	51	.00000000000006	56	.00000000000000	56	.00000000000000
USC	67	.00000000000000	57	.00000000000000	57	.00000000000000
Dartmouth_Coll	61	.00000000000000	58	.00000000000000	58	.00000000000000
Duke	57	.00000000000001	59	.00000000000000	59	.00000000000000
Vanderbilt	54	.00000000000002	59	.00000000000000	59	.00000000000000
Brown	62	.00000000000000	61	.00000000000000	61	.00000000000000
Texas_AM	59	.00000000000000	62	.00000000000000	62	.00000000000000
Georgia	70	.00000000000000	63	.00000000000000	63	.00000000000000
Oregon_State	60	.00000000000000	64	.00000000000000	64	.00000000000000
Utah	65	.00000000000000	65	.00000000000000	65	.00000000000000
Rensselaer	65	.00000000000000	66	.00000000000000	66	.00000000000000
Miami	71	.00000000000000	67	.00000000000000	67	.00000000000000
Albuquerque	73	.00000000000000	68	.00000000000000	67	.00000000000000
Cincinnati	64	.00000000000000	69	.00000000000000	70	.00000000000000
Lincoln	68	.00000000000000	70	.00000000000000	69	.00000000000000
Florida_State	69	.00000000000000	71	.00000000000000	71	.00000000000000
Tufts	72	.00000000000000	72	.00000000000000	72	.00000000000000
Georgia_Inst_Tech	63	.00000000000000	73	.00000000000000	73	.00000000000000
Virginia_Tech	74	.00000000000000	74	.00000000000000	77	.00000000000000
Oregon	77	.00000000000000	75	.00000000000000	74	.00000000000000
Brandeis	79	.00000000000000	76	.00000000000000	75	.00000000000000
TN_Knoxville	75	.00000000000000	77	.00000000000000	76	.00000000000000
CO_State	76	.00000000000000	78	.00000000000000	78	.00000000000000

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MD_Baltimore	82	.00000000000000	79	.00000000000000	79	.00000000000000
UMDNJ	78	.00000000000000	80	.00000000000000	80	.00000000000000
Mt_Sinai	83	.00000000000000	81	.00000000000000	81	.00000000000000
SUNY_Albany	80	.00000000000000	82	.00000000000000	82	.00000000000000
Boston_Coll	84	.00000000000000	83	.00000000000000	83	.00000000000000
UCSF	89	.00000000000000	84	.00000000000000	84	.00000000000000
Birmingham	88	.00000000000000	85	.00000000000000	85	.00000000000000
IL_Chicago	81	.00000000000000	86	.00000000000000	86	.00000000000000
Emory	86	.00000000000000	87	.00000000000000	87	.00000000000000
George_Washington	87	.00000000000000	87	.00000000000000	88	.00000000000000
CT_Storrs	85	.00000000000000	89	.00000000000000	89	.00000000000000
CO_Health	92	.00000000000000	90	.00000000000000	90	.00000000000000
So_Methodist	90	.00000000000000	91	.00000000000000	91	.00000000000000
Health_Houston	91	.00000000000000	92	.00000000000000	94	.00000000000000
Baylor_Coll_Med	94	.00000000000000	93	.00000000000000	92	.00000000000000
Wake_Forest	95	.00000000000000	93	.00000000000000	92	.00000000000000
OR_Health_Sci	93	.00000000000000	95	.00000000000000	95	.00000000000000
TX_Anderson	97	.00000000000000	96	.00000000000000	96	.00000000000000
Texas_SW_Med_Center	96	.00000000000000	97	.00000000000000	97	.00000000000000
Mayo_Coll_Med	98	.00000000000000	98	.00000000000000	98	.00000000000000
CT_Health	100	.00000000000000	99	.00000000000000	99	.00000000000000
CUNY	101	.00000000000000	100	.00000000000000	100	.00000000000000
Yeshiva	99	.00000000000000	101	.00000000000000	101	.00000000000000
WI_Med_Coll	103	.00000000000000	102	.00000000000000	102	.00000000000000
Rutgers_Newark	102	.00000000000000	103	.00000000000000	103	.00000000000000
Virginia_Comm	105	.00000000000000	104	.00000000000000	104	.00000000000000
Rockefeller	104	.00000000000000	105	.00000000000000	105	.00000000000000
TX_Health_SA	106	.00000000000000	106	.00000000000000	106	.00000000000000
TN_Health	107	.00000000000000	107	.00000000000000	107	.00000000000000
SUNY_Health_Brooklyn	108	.00000000000000	108	.00000000000000	108	.00000000000000
Polytech_Brooklyn	109	.00000000000000	109	.00000000000000	109	.00000000000000
NE_Med	110	.00000000000000	110	.00000000000000	110	.00000000000000
MA_Med_Sch	111	.00000000000000	111	.00000000000000	111	.00000000000000
MA_Boston	112	.00000000000000	112	.00000000000000	112	.00000000000000