

***Pseudo ranking of 112 US higher Education and research institutions in engineering 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
MIT	1	.47344563177521	1	.71384077094151	1	.71042723962437
Georgia_Inst_Tech	2	.27861402063622	2	.08964866880202	2	.07861446096191
Urbana_Champaign	4	.05795836659539	2	.08964866880202	2	.07861446096191
Stanford	5	.05696903403617	4	.04567835543123	2	.07861446096191
Berkeley	6	.05103599784258	5	.04229602363348	5	.04075577596453
UM_Ann_Arbor	3	.06854759290465	6	.01465677112360	6	.00946467124934
Austin	8	.00344449933728	7	.00253674884831	7	.00194147102551
Twin_Cities	10	.00125886993612	8	.00063418721208	9	.00048536775638
UCLA	7	.00512042032723	9	.00048319025682	10	.00032357850425
Carnegie_Mellon	12	.00049151655752	10	.00034160841209	8	.00057941819343
Caltech	9	.00161153764062	11	.00010569786868	11	.00008089462606
UCSB	11	.00086112483432	11	.00010569786868	11	.00008089462606
Cornell	15	.00012691528217	13	.00001463950504	13	.00001065726482
MD_Coll_Park	17	.00005421381274	14	.00000200485794	14	.00000152683198
Seattle	21	.00000731424816	15	.00000185345408	15	.00000133355123
UCSD	14	.00013849239813	16	.00000142565720	16	.00000109856640
Columbus	20	.00001396064370	17	.00000094868740	17	.00000066677562
PA_Univ_Park	16	.00007135440113	17	.00000094868740	17	.00000066677562
Princeton	19	.00001533848929	19	.00000076512618	19	.00000060049119
USC	22	.00000471690718	20	.00000038256309	20	.00000030024560
Texas_AM	13	.00016488875987	21	.00000023730279	21	.00000016292480
Purdue	18	.00003830306872	22	.00000019007793	22	.00000012919292
Columbia	24	.00000149374624	23	.00000006971090	24	.00000004870372
Harvard	27	.00000029573945	24	.00000006528406	24	.00000004870372
Northwestern	26	.00000072737020	25	.00000005293596	23	.00000004993484
WI_Madison	23	.00000179470387	26	.00000001148957	26	.00000000501247
UC_Davis	25	.00000119184967	27	.00000000741830	26	.00000000501247
Johns_Hopkins	33	.00000003169458	28	.00000000333480	28	.00000000241160
UC_Irvine	31	.00000005424770	29	.00000000269765	29	.00000000184719
Florida	30	.00000006242080	30	.00000000079649	30	.00000000047828
Yale	47	.00000000016275	31	.00000000042474	31	.00000000034596
CO_Boulder	28	.00000008611213	32	.00000000034566	32	.00000000019107
Pennsylvania	32	.00000003444616	33	.00000000021813	33	.00000000013655
New_Brunswick	29	.00000007497758	34	.00000000015392	34	.00000000009497
Brown	49	.00000000010628	35	.00000000002599	35	.00000000002481
CT_Storrs	44	.00000000077801	36	.00000000000831	36	.00000000000515
Virginia_Tech	36	.00000000314598	37	.00000000000825	37	.00000000000500
Virginia	39	.00000000147950	38	.00000000000805	38	.00000000000495
Rensselaer	40	.00000000116094	39	.00000000000742	39	.00000000000454

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UNC	46	.00000000039458	40	.00000000000415	40	.00000000000261
Raleigh	34	.00000001561025	41	.00000000000340	41	.00000000000200
Delaware	35	.00000001060265	42	.00000000000168	44	.00000000000054
Michigan	38	.00000000188683	43	.00000000000134	42	.00000000000080
Utah	41	.00000000114271	44	.00000000000128	43	.00000000000072
Boston	48	.00000000014382	45	.00000000000016	45	.00000000000010
AZ_Tempe	45	.00000000072030	46	.00000000000009	46	.00000000000004
Arizona	42	.00000000112851	47	.00000000000004	47	.00000000000002
Iowa_State	43	.00000000088240	48	.00000000000003	49	.00000000000001
Cincinnati	55	.00000000001580	49	.00000000000003	48	.00000000000002
WU_St_Louis	37	.00000000266901	50	.00000000000002	51	.00000000000001
NYU	54	.00000000002229	51	.00000000000002	50	.00000000000001
Duke	50	.00000000009618	52	.00000000000001	52	.00000000000001
IL_Chicago	56	.00000000001304	53	.00000000000000	53	.00000000000000
Pittsburgh	52	.00000000002844	54	.00000000000000	54	.00000000000000
Iowa	63	.00000000000082	55	.00000000000000	55	.00000000000000
Rice	57	.00000000000326	56	.00000000000000	56	.00000000000000
Notre_Dame	51	.00000000002973	57	.00000000000000	57	.00000000000000
MA_Amherst	53	.00000000002294	58	.00000000000000	58	.00000000000000
UC_Riverside	59	.00000000000242	59	.00000000000000	59	.00000000000000
Vanderbilt	67	.00000000000017	60	.00000000000000	60	.00000000000000
CWRU	58	.00000000000299	61	.00000000000000	62	.00000000000000
Lincoln	62	.00000000000108	62	.00000000000000	61	.00000000000000
Chicago	72	.00000000000002	63	.00000000000000	63	.00000000000000
Albuquerque	70	.00000000000003	64	.00000000000000	64	.00000000000000
Rochester	66	.00000000000030	65	.00000000000000	65	.00000000000000
TN_Knoxville	61	.00000000000110	66	.00000000000000	66	.00000000000000
CO_State	60	.00000000000112	67	.00000000000000	67	.00000000000000
Stony_Brook	75	.00000000000001	68	.00000000000000	68	.00000000000000
Florida_State	68	.00000000000014	69	.00000000000000	69	.00000000000000
George_Mason	71	.00000000000002	70	.00000000000000	70	.00000000000000
Bloomington	65	.00000000000031	71	.00000000000000	71	.00000000000000
CUNY	69	.00000000000012	71	.00000000000000	71	.00000000000000
Oregon_State	64	.00000000000034	73	.00000000000000	74	.00000000000000
Dartmouth_Coll	77	.00000000000000	74	.00000000000000	73	.00000000000000
Georgia	74	.00000000000001	75	.00000000000000	75	.00000000000000
Miami	76	.00000000000001	76	.00000000000000	76	.00000000000000
Manoa	73	.00000000000002	77	.00000000000000	77	.00000000000000
Santa_Cruz	79	.00000000000000	78	.00000000000000	78	.00000000000000

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