

Pseudo ranking of 112 US higher Education and research institutions in medicine

When all publications are considered ($\phi = 1$)

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
Harvard	1	.72236140195531	1	.74793928420348	1	.74769615796218
Mayo_Coll_Med	2	.12486639814114	2	.18698482105087	2	.18692403949054
UCSF	3	.08891866317989	3	.04674620526272	3	.04673100987264
Seattle	4	.02252924151549	4	.00716082829087	4	.00598093129769
Johns_Hopkins	7	.00750974717183	5	.00452572302480	4	.00598093129769
UCLA	8	.00731003002482	5	.00452572302480	6	.00542271104324
Pennsylvania	5	.00993832898277	7	.00089510353636	7	.00033891944020
Pittsburgh	8	.00731003002482	8	.00044755176818	7	.00033891944020
UM_Ann_Arbor	6	.00803553849785	9	.00042244909668	10	.00018607341815
TX_Anderson	15	.00008559306301	10	.00023632721984	7	.00033891944020
Columbia	10	.00030529168035	11	.00005967356909	11	.00003488876590
Stanford	16	.00008530919156	12	.00002489808489	12	.00001495232824
WU_St_Louis	13	.00013689547393	13	.00001551015640	13	.00000455690004
Duke	11	.00024773401570	14	.00001128011375	13	.00000455690004
Yale	17	.00002428601347	15	.00000251026715	15	.00000156364217
UNC	12	.00018185023365	16	.00000159078527	16	.00000065905579
UCSD	26	.00000300524703	17	.00000018050869	17	.00000009072327
Twin_Cities	14	.00008988225102	18	.00000015173439	18	.00000004536163
Baylor_Coll_Med	18	.00001102000390	19	.00000012076819	18	.00000004536163
Emory	25	.00000397316870	20	.00000004512717	20	.00000002268082
Birmingham	22	.00000600114282	21	.00000000540324	23	.00000000064448
WI_Madison	19	.00000862662403	21	.00000000540324	26	.00000000032224
Vanderbilt	32	.00000057845669	23	.00000000453847	21	.00000000243405
USC	21	.00000620084080	24	.00000000259286	22	.00000000128897
Texas_SW_Med_Center	30	.00000102928843	25	.00000000246288	24	.00000000037496
CO_Health	31	.00000100884373	26	.00000000113462	24	.00000000037496
Iowa	24	.00000433315312	27	.00000000027310	28	.00000000003072
Northwestern	23	.00000467519672	28	.00000000014248	30	.00000000002143
Chicago	34	.00000017307151	29	.00000000011021	29	.00000000002694
Cornell	33	.00000049452230	29	.00000000011021	27	.00000000004039
Florida	20	.00000797074271	31	.00000000010723	36	.00000000000071
Boston	38	.00000005592961	32	.00000000006384	31	.00000000001019
Columbus	28	.00000123585442	33	.00000000002794	33	.00000000000192
NYU	29	.00000107450801	34	.00000000001330	34	.00000000000143
CWRU	35	.00000012140226	35	.00000000000720	35	.00000000000111
Mt_Sinai	41	.00000002480150	36	.00000000000627	32	.00000000000272
UC_Davis	27	.00000184061930	37	.00000000000557	39	.00000000000005
Virginia	39	.00000003858932	38	.00000000000192	37	.00000000000027
MD_Baltimore	36	.00000008583392	39	.00000000000093	38	.00000000000012

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Tufts	47	.00000000856324	40	.00000000000028	40	.00000000000003
Miami	37	.00000000676703	41	.00000000000021	45	.00000000000000
OR_Health_Sci	48	.00000000535495	42	.00000000000014	41	.00000000000002
Cincinnati	44	.00000001982286	43	.00000000000010	43	.00000000000001
Rochester	40	.00000003105553	44	.00000000000008	42	.00000000000001
Yeshiva	50	.00000000397875	45	.00000000000004	44	.00000000000000
Utah	42	.00000002356167	46	.00000000000002	48	.00000000000000
IL_Chicago	43	.00000002044297	47	.00000000000001	49	.00000000000000
Wake_Forest	45	.00000001663873	48	.00000000000001	46	.00000000000000
Virginia_Comm	51	.00000000190213	49	.00000000000001	47	.00000000000000
UMDNJ	46	.00000001068933	50	.00000000000000	55	.00000000000000
UC_Irvine	54	.00000000083820	51	.00000000000000	50	.00000000000000
WI_Med_Coll	49	.00000000414240	52	.00000000000000	51	.00000000000000
Arizona	53	.00000000093267	53	.00000000000000	52	.00000000000000
TX_Health_SA	55	.00000000051968	54	.00000000000000	54	.00000000000000
MA_Med_Sch	59	.00000000004882	55	.00000000000000	53	.00000000000000
Health_Houston	52	.00000000097057	56	.00000000000000	56	.00000000000000
Berkeley	63	.00000000001330	57	.00000000000000	57	.00000000000000
TN_Health	57	.00000000010637	58	.00000000000000	58	.00000000000000
Brown	58	.00000000007138	59	.00000000000000	60	.00000000000000
CT_Health	64	.00000000000962	60	.00000000000000	62	.00000000000000
NE_Med	60	.00000000003976	61	.00000000000000	63	.00000000000000
Michigan	56	.00000000018284	62	.00000000000000	66	.00000000000000
Stony_Brook	62	.00000000001501	63	.00000000000000	65	.00000000000000
Dartmouth_Coll	67	.00000000000770	64	.00000000000000	61	.00000000000000
MIT	71	.00000000000323	65	.00000000000000	59	.00000000000000
Albuquerque	61	.00000000002586	66	.00000000000000	67	.00000000000000
Rockefeller	77	.00000000000055	67	.00000000000000	64	.00000000000000
George_Washington	66	.00000000000814	68	.00000000000000	68	.00000000000000
Urbana_Champaign	70	.00000000000332	69	.00000000000000	68	.00000000000000
Texas_AM	65	.00000000000815	70	.00000000000000	73	.00000000000000
CO_State	69	.00000000000365	71	.00000000000000	71	.00000000000000
Georgia	68	.00000000000464	72	.00000000000000	74	.00000000000000
New_Brunswick	76	.00000000000068	73	.00000000000000	70	.00000000000000
Austin	72	.00000000000300	74	.00000000000000	72	.00000000000000
TN_Knoxville	73	.00000000000219	75	.00000000000000	76	.00000000000000
Purdue	75	.00000000000117	76	.00000000000000	78	.00000000000000
PA_Univ_Park	80	.00000000000016	77	.00000000000000	79	.00000000000000
CO_Boulder	81	.00000000000015	78	.00000000000000	75	.00000000000000

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SUNY_Health_Brooklyn	78	.00000000000024	79	.00000000000000	77	.00000000000000
Raleigh	74	.00000000000134	80	.00000000000000	80	.00000000000000
Manoa	79	.00000000000020	81	.00000000000000	83	.00000000000000
CT_Storrs	82	.00000000000014	82	.00000000000000	82	.00000000000000
Bloomington	85	.00000000000003	83	.00000000000000	81	.00000000000000
MA_Amherst	88	.00000000000002	84	.00000000000000	84	.00000000000000
MD_Coll_Park	84	.00000000000005	85	.00000000000000	85	.00000000000000
Iowa_State	83	.00000000000006	86	.00000000000000	87	.00000000000000
Princeton	95	.00000000000000	87	.00000000000000	88	.00000000000000
Oregon_State	86	.00000000000003	88	.00000000000000	89	.00000000000000
Caltech	96	.00000000000000	89	.00000000000000	86	.00000000000000
Georgia_Inst_Tech	93	.00000000000000	90	.00000000000000	91	.00000000000000
SUNY_Albany	89	.00000000000001	91	.00000000000000	92	.00000000000000
UC_Riverside	92	.00000000000000	92	.00000000000000	90	.00000000000000
UCSB	97	.00000000000000	93	.00000000000000	93	.00000000000000
Virginia_Tech	87	.00000000000002	94	.00000000000000	97	.00000000000000
Rice	99	.00000000000000	95	.00000000000000	94	.00000000000000
Florida_State	98	.00000000000000	96	.00000000000000	95	.00000000000000
Notre_Dame	99	.00000000000000	97	.00000000000000	96	.00000000000000
AZ_Tempe	90	.00000000000001	98	.00000000000000	99	.00000000000000
Delaware	91	.00000000000000	99	.00000000000000	98	.00000000000000
Lincoln	94	.00000000000000	100	.00000000000000	102	.00000000000000
Brandeis	103	.00000000000000	101	.00000000000000	100	.00000000000000
Oregon	102	.00000000000000	102	.00000000000000	101	.00000000000000
Carnegie_Mellon	104	.00000000000000	103	.00000000000000	103	.00000000000000
MA_Boston	101	.00000000000000	104	.00000000000000	104	.00000000000000
Santa_Cruz	107	.00000000000000	105	.00000000000000	108	.00000000000000
Rensselaer	105	.00000000000000	106	.00000000000000	105	.00000000000000
CUNY	106	.00000000000000	107	.00000000000000	107	.00000000000000
Rutgers_Newark	108	.00000000000000	108	.00000000000000	106	.00000000000000
George_Mason	109	.00000000000000	109	.00000000000000	109	.00000000000000
Boston_Coll	109	.00000000000000	110	.00000000000000	110	.00000000000000
So_Methodist	111	.00000000000000	111	.00000000000000	111	.00000000000000
Polytech_Brooklyn	111	.00000000000000	112	.00000000000000	112	.00000000000000