

***Pseudo ranking of 112 US higher Education and research institutions in physics
When only publications in the top 10% of their discipline are considered ($\phi = 0.1$)
When the relative 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	.72906601878526	1	.74660561262772	1	.74660561406413
Berkeley	2	.12365563817758	2	.18665140315693	2	.18665140351603
Caltech	3	.11722173303747	3	.03999672924791	3	.03999672932486
Harvard	5	.00321695257005	4	.01333224308264	4	.01333224310829
Urbana_Champaign	4	.01953695550625	5	.00999918231198	5	.00999918233122
Princeton	9	.00026807938084	6	.00133322430826	6	.00133322431083
Stanford	6	.00301786646807	7	.00083326519266	7	.00083326519427
UCSB	6	.00301786646807	7	.00083326519266	7	.00083326519427
MD_Coll_Park	9	.00026807938084	9	.00033330607707	9	.00033330607771
Cornell	8	.00036844937210	10	.00005951894233	10	.00005951894245
UCLA	12	.00009211234302	11	.00001088864275	11	.00001089071163
UM_Ann_Arbor	11	.00017997612197	12	.00000798218567	12	.00000797804797
UCSD	16	.00001081361938	13	.00000145322854	13	.00000145633183
Austin	15	.00001301565891	14	.00000096881902	14	.00000097088789
Northwestern	14	.00002374528715	15	.00000048860300	15	.00000048939783
PA_Univ_Park	13	.00003926109035	16	.00000023448751	16	.00000022817572
Seattle	17	.00000124479243	17	.00000018008101	17	.00000018055877
New_Brunswick	21	.00000020713568	18	.00000002728392	18	.00000002800151
Arizona	18	.00000076398292	19	.00000000786738	19	.00000000741064
CO_Boulder	26	.00000001722108	20	.00000000575143	20	.00000000599358
WI_Madison	20	.00000037378966	21	.00000000516284	21	.00000000486272
Florida	19	.00000046579171	22	.00000000179721	22	.00000000169452
Georgia_Inst_Tech	22	.00000010803799	23	.00000000131123	24	.00000000123511
Rochester	22	.00000010803799	23	.00000000131123	24	.00000000123511
Pennsylvania	25	.00000004212184	25	.00000000123544	23	.00000000144149
Twin_Cities	24	.00000006549537	26	.00000000088712	26	.00000000083548
Chicago	34	.00000000023290	27	.00000000066836	27	.00000000062847
Columbia	28	.00000000887967	28	.00000000020591	28	.00000000019381
Yale	31	.00000000221174	28	.00000000020591	28	.00000000019381
Columbus	29	.00000000741402	30	.00000000008524	30	.00000000006236
AZ_Tempe	27	.00000001654930	31	.00000000001075	31	.00000000001018
Boston	35	.00000000021486	32	.00000000000998	32	.00000000000936
Iowa_State	32	.00000000081990	33	.00000000000708	33	.00000000000618
Duke	30	.00000000305004	34	.00000000000557	34	.00000000000486
UC_Irvine	36	.00000000019069	35	.00000000000177	35	.00000000000155
Florida_State	48	.00000000000397	36	.00000000000150	36	.00000000000141
Johns_Hopkins	43	.00000000002992	37	.00000000000101	37	.00000000000090
Texas_AM	33	.00000000026780	38	.00000000000094	38	.00000000000083

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Stony_Brook	42	.00000000003347	39	.00000000000015	39	.00000000000013
Rice	52	.00000000000022	40	.00000000000013	40	.00000000000012
UC_Davis	45	.00000000001284	41	.00000000000010	41	.00000000000009
Purdue	37	.00000000014468	42	.00000000000006	42	.00000000000006
Michigan	41	.00000000003574	43	.00000000000003	43	.00000000000003
Utah	46	.00000000000735	44	.00000000000002	44	.00000000000002
Brown	40	.00000000003617	45	.00000000000002	45	.00000000000001
Virginia	50	.00000000000099	46	.00000000000000	46	.00000000000000
Raleigh	38	.00000000008315	47	.00000000000000	47	.00000000000000
Delaware	38	.00000000008315	48	.00000000000000	47	.00000000000000
Pittsburgh	53	.00000000000022	49	.00000000000000	49	.00000000000000
Rensselaer	44	.00000000001569	50	.00000000000000	50	.00000000000000
TN_Knoxville	51	.00000000000039	51	.00000000000000	51	.00000000000000
USC	49	.00000000000189	52	.00000000000000	52	.00000000000000
MA_Amherst	65	.00000000000000	53	.00000000000000	53	.00000000000000
Notre_Dame	57	.00000000000002	54	.00000000000000	54	.00000000000000
CT_Storrs	47	.00000000000489	55	.00000000000000	55	.00000000000000
UC_Riverside	55	.00000000000003	56	.00000000000000	56	.00000000000000
Bloomington	61	.00000000000000	57	.00000000000000	57	.00000000000000
Albuquerque	54	.00000000000022	58	.00000000000000	58	.00000000000000
UNC	60	.00000000000001	59	.00000000000000	59	.00000000000000
NYU	70	.00000000000000	60	.00000000000000	60	.00000000000000
Oregon	62	.00000000000000	61	.00000000000000	61	.00000000000000
Carnegie_Mellon	58	.00000000000002	62	.00000000000000	62	.00000000000000
Lincoln	56	.00000000000003	63	.00000000000000	63	.00000000000000
Vanderbilt	64	.00000000000000	64	.00000000000000	64	.00000000000000
Virginia_Tech	59	.00000000000002	65	.00000000000000	65	.00000000000000
CWRU	67	.00000000000000	66	.00000000000000	66	.00000000000000
Iowa	66	.00000000000000	66	.00000000000000	66	.00000000000000
Cincinnati	63	.00000000000000	68	.00000000000000	68	.00000000000000
WU_St_Louis	69	.00000000000000	69	.00000000000000	69	.00000000000000
Santa_Cruz	72	.00000000000000	70	.00000000000000	70	.00000000000000
Brandeis	77	.00000000000000	71	.00000000000000	71	.00000000000000
CUNY	68	.00000000000000	72	.00000000000000	72	.00000000000000
Boston_Coll	71	.00000000000000	73	.00000000000000	73	.00000000000000
IL_Chicago	74	.00000000000000	74	.00000000000000	74	.00000000000000
CO_State	75	.00000000000000	75	.00000000000000	75	.00000000000000
Virginia_Comm	73	.00000000000000	76	.00000000000000	76	.00000000000000

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Dartmouth_Coll	76	.0000000000000000	77	.0000000000000000	77	.0000000000000000
Rockefeller	82	.0000000000000000	78	.0000000000000000	78	.0000000000000000
Georgia	78	.0000000000000000	79	.0000000000000000	79	.0000000000000000
SUNY_Albany	79	.0000000000000000	80	.0000000000000000	80	.0000000000000000
Tufts	86	.0000000000000000	81	.0000000000000000	81	.0000000000000000
UCSF	83	.0000000000000000	82	.0000000000000000	83	.0000000000000000
George_Mason	90	.0000000000000000	83	.0000000000000000	82	.0000000000000000
Manoa	86	.0000000000000000	84	.0000000000000000	84	.0000000000000000
Oregon_State	80	.0000000000000000	85	.0000000000000000	85	.0000000000000000
George_Washington	80	.0000000000000000	86	.0000000000000000	86	.0000000000000000
Miami	85	.0000000000000000	87	.0000000000000000	87	.0000000000000000
Birmingham	84	.0000000000000000	88	.0000000000000000	88	.0000000000000000
MD_Baltimore	88	.0000000000000000	89	.0000000000000000	90	.0000000000000000
So_Methodist	91	.0000000000000000	90	.0000000000000000	91	.0000000000000000
Emory	92	.0000000000000000	91	.0000000000000000	89	.0000000000000000
Mayo_Coll_Med	89	.0000000000000000	92	.0000000000000000	93	.0000000000000000
Yeshiva	96	.0000000000000000	93	.0000000000000000	92	.0000000000000000
MA_Boston	93	.0000000000000000	94	.0000000000000000	94	.0000000000000000
Wake_Forest	94	.0000000000000000	95	.0000000000000000	95	.0000000000000000
TX_Anderson	95	.0000000000000000	96	.0000000000000000	96	.0000000000000000
Rutgers_Newark	99	.0000000000000000	97	.0000000000000000	97	.0000000000000000
SUNY_Health_Brooklyn	101	.0000000000000000	98	.0000000000000000	98	.0000000000000000
UMDNJ	102	.0000000000000000	99	.0000000000000000	99	.0000000000000000
CT_Health	100	.0000000000000000	100	.0000000000000000	100	.0000000000000000
Polytech_Brooklyn	98	.0000000000000000	101	.0000000000000000	101	.0000000000000000
Texas_SW_Med_Center	97	.0000000000000000	102	.0000000000000000	102	.0000000000000000
Mt_Sinai	106	.0000000000000000	103	.0000000000000000	103	.0000000000000000
TN_Health	104	.0000000000000000	104	.0000000000000000	104	.0000000000000000
WI_Med_Coll	107	.0000000000000000	105	.0000000000000000	105	.0000000000000000
Health_Houston	103	.0000000000000000	106	.0000000000000000	106	.0000000000000000
MA_Med_Sch	105	.0000000000000000	107	.0000000000000000	107	.0000000000000000
Baylor_Coll_Med	108	.0000000000000000	108	.0000000000000000	108	.0000000000000000
CO_Health	112	.0000000000000000	109	.0000000000000000	109	.0000000000000000
OR_Health_Sci	109	.0000000000000000	110	.0000000000000000	110	.0000000000000000
TX_Health_SA	110	.0000000000000000	111	.0000000000000000	111	.0000000000000000
NE_Med	111	.0000000000000000	112	.0000000000000000	112	.0000000000000000