

***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 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	.74121387578909	1	.74852770641685	1	.74852770595452
Berkeley	2	.17138607568936	2	.18713192660421	2	.18713192648863
Caltech	3	.03936717060786	3	.04678298165105	3	.04678298162216
Harvard	6	.00491103030160	4	.00719738179247	4	.00719738178802
UCSB	4	.02783478651583	5	.00359869089623	5	.00359869089401
Urbana_Champaign	5	.00493076235036	5	.00359869089623	5	.00359869089401
Princeton	6	.00491103030160	7	.00179934544812	7	.00179934544701
Stanford	8	.00463913108597	8	.00089967272406	8	.00089967272350
MD_Coll_Park	9	.00036285350897	9	.00035986908962	9	.00035986908940
Cornell	11	.00006744458374	10	.00004613706277	10	.00004613706274
UM_Ann_Arbor	10	.00028526150120	10	.00004613706277	10	.00004613706274
UCLA	12	.00005804069573	12	.00000571268213	12	.00000571148701
Seattle	13	.00001147851413	13	.00000395365666	13	.00000395604690
Austin	14	.00000989214702	14	.00000083730051	14	.00000083624807
Chicago	16	.00000142715874	15	.00000055769581	15	.00000055749871
UCSD	19	.00000045826805	16	.00000020198940	16	.00000020368488
Northwestern	17	.00000138149683	17	.00000006669495	17	.00000006625663
WI_Madison	18	.00000098126294	17	.00000006669495	17	.00000006625663
PA_Univ_Park	15	.00000657734959	19	.00000004221223	19	.00000004147199
Columbia	25	.00000000739508	20	.00000000658260	20	.00000000736378
New_Brunswick	21	.00000008854183	21	.00000000614154	21	.00000000604508
Twin_Cities	21	.00000008854183	21	.00000000614154	21	.00000000604508
Pennsylvania	24	.00000001381253	23	.00000000102359	24	.00000000100751
CO_Boulder	32	.00000000013673	24	.00000000094985	23	.00000000106320
Florida	20	.00000011444357	25	.00000000021623	25	.00000000013354
Columbus	23	.00000002142767	26	.00000000014206	26	.00000000012503
Stony_Brook	26	.00000000313612	27	.00000000014131	27	.00000000012439
Yale	29	.00000000034669	28	.00000000006169	28	.00000000009484
Arizona	28	.00000000054938	29	.00000000001815	29	.00000000001146
Rochester	36	.00000000002136	30	.00000000000441	30	.00000000000388
UC_Davis	33	.00000000012758	31	.00000000000257	31	.00000000000194
Georgia_Inst_Tech	30	.00000000021868	32	.00000000000090	32	.00000000000068
Johns_Hopkins	37	.00000000001303	33	.00000000000081	33	.00000000000065
Boston	35	.00000000002786	34	.00000000000064	34	.00000000000048
Brown	31	.00000000017904	35	.00000000000043	35	.00000000000039
AZ_Tempe	27	.00000000187911	36	.00000000000037	36	.00000000000031
Iowa_State	34	.00000000004469	37	.00000000000013	37	.00000000000010
Duke	40	.00000000000390	38	.00000000000010	38	.00000000000008
Texas_AM	41	.00000000000386	39	.00000000000002	39	.00000000000001

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Florida_State	49	.00000000000012	40	.00000000000001	40	.00000000000001
Michigan	39	.000000000000428	41	.00000000000000	41	.00000000000000
Raleigh	38	.00000000001187	42	.00000000000000	42	.00000000000000
UC_Irvine	48	.00000000000018	43	.00000000000000	43	.00000000000000
Delaware	42	.000000000000289	44	.00000000000000	46	.00000000000000
Virginia	44	.000000000000029	45	.00000000000000	44	.00000000000000
Rice	61	.00000000000000	46	.00000000000000	45	.00000000000000
Pittsburgh	50	.000000000000004	47	.00000000000000	47	.00000000000000
Utah	52	.000000000000002	47	.00000000000000	47	.00000000000000
NYU	47	.000000000000021	49	.00000000000000	49	.00000000000000
Purdue	45	.000000000000025	50	.00000000000000	50	.00000000000000
USC	45	.000000000000025	50	.00000000000000	50	.00000000000000
Rensselaer	43	.000000000000038	52	.00000000000000	56	.00000000000000
Notre_Dame	60	.00000000000000	53	.00000000000000	52	.00000000000000
MA_Amherst	56	.00000000000000	54	.00000000000000	54	.00000000000000
TN_Knoxville	55	.00000000000000	54	.00000000000000	54	.00000000000000
UC_Riverside	53	.000000000000002	56	.00000000000000	53	.00000000000000
Carnegie_Mellon	51	.000000000000003	57	.00000000000000	57	.00000000000000
Bloomington	54	.00000000000000	58	.00000000000000	58	.00000000000000
Oregon	62	.00000000000000	59	.00000000000000	59	.00000000000000
CWRU	65	.00000000000000	60	.00000000000000	60	.00000000000000
UNC	58	.00000000000000	61	.00000000000000	61	.00000000000000
CT_Storrs	59	.00000000000000	62	.00000000000000	62	.00000000000000
Albuquerque	57	.00000000000000	63	.00000000000000	65	.00000000000000
Vanderbilt	63	.00000000000000	64	.00000000000000	63	.00000000000000
Brandeis	72	.00000000000000	65	.00000000000000	64	.00000000000000
Santa_Cruz	67	.00000000000000	66	.00000000000000	66	.00000000000000
Virginia_Tech	64	.00000000000000	67	.00000000000000	67	.00000000000000
WU_St_Louis	69	.00000000000000	68	.00000000000000	68	.00000000000000
Lincoln	66	.00000000000000	69	.00000000000000	71	.00000000000000
Iowa	71	.00000000000000	70	.00000000000000	69	.00000000000000
CUNY	70	.00000000000000	71	.00000000000000	70	.00000000000000
IL_Chicago	73	.00000000000000	72	.00000000000000	72	.00000000000000
Boston_Coll	75	.00000000000000	73	.00000000000000	73	.00000000000000
Cincinnati	68	.00000000000000	74	.00000000000000	74	.00000000000000
Tufts	75	.00000000000000	75	.00000000000000	75	.00000000000000
Rockefeller	79	.00000000000000	76	.00000000000000	76	.00000000000000
CO_State	78	.00000000000000	77	.00000000000000	77	.00000000000000
Manoa	74	.00000000000000	77	.00000000000000	77	.00000000000000

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Virginia_Comm	77	.00000000000000	79	.00000000000000	79	.00000000000000
Dartmouth_Coll	80	.00000000000000	80	.00000000000000	80	.00000000000000
So_Methodist	82	.00000000000000	81	.00000000000000	81	.00000000000000
SUNY_Albany	81	.00000000000000	82	.00000000000000	82	.00000000000000
Georgia	84	.00000000000000	83	.00000000000000	83	.00000000000000
George_Mason	89	.00000000000000	84	.00000000000000	84	.00000000000000
Oregon_State	83	.00000000000000	85	.00000000000000	85	.00000000000000
Emory	90	.00000000000000	86	.00000000000000	86	.00000000000000
George_Washington	86	.00000000000000	87	.00000000000000	87	.00000000000000
Miami	94	.00000000000000	88	.00000000000000	88	.00000000000000
Wake_Forest	87	.00000000000000	89	.00000000000000	89	.00000000000000
Birmingham	85	.00000000000000	90	.00000000000000	90	.00000000000000
UCSF	88	.00000000000000	91	.00000000000000	91	.00000000000000
Yeshiva	91	.00000000000000	92	.00000000000000	92	.00000000000000
MA_Boston	92	.00000000000000	93	.00000000000000	93	.00000000000000
MD_Baltimore	96	.00000000000000	94	.00000000000000	94	.00000000000000
Rutgers_Newark	95	.00000000000000	95	.00000000000000	95	.00000000000000
Polytech_Brooklyn	93	.00000000000000	96	.00000000000000	96	.00000000000000
TX_Anderson	98	.00000000000000	97	.00000000000000	97	.00000000000000
Mayo_Coll_Med	97	.00000000000000	98	.00000000000000	98	.00000000000000
CT_Health	102	.00000000000000	99	.00000000000000	99	.00000000000000
SUNY_Health_Brooklyn	103	.00000000000000	100	.00000000000000	100	.00000000000000
TX_Health_SA	100	.00000000000000	101	.00000000000000	101	.00000000000000
WI_Med_Coll	99	.00000000000000	102	.00000000000000	102	.00000000000000
CO_Health	101	.00000000000000	103	.00000000000000	103	.00000000000000
Mt_Sinai	105	.00000000000000	104	.00000000000000	104	.00000000000000
TN_Health	104	.00000000000000	105	.00000000000000	105	.00000000000000
UMDNJ	106	.00000000000000	106	.00000000000000	106	.00000000000000
NE_Med	107	.00000000000000	107	.00000000000000	107	.00000000000000
OR_Health_Sci	108	.00000000000000	108	.00000000000000	108	.00000000000000
Texas_SW_Med_Center	109	.00000000000000	109	.00000000000000	109	.00000000000000
Health_Houston	110	.00000000000000	110	.00000000000000	110	.00000000000000
MA_Med_Sch	111	.00000000000000	111	.00000000000000	111	.00000000000000
Baylor_Coll_Med	112	.00000000000000	112	.00000000000000	112	.00000000000000