

***Pseudo ranking of 112 US higher Education and research institutions in physics***

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

***When direct 3-years citations are used to account for publications impact***

<b>Institution</b>	<b>Strong dominance Rank</b>	<b>Strong dominance Importance</b>	<b>Dominance Rank</b>	<b>Dominance Importance</b>	<b>Weak dominance Rank</b>	<b>Weak dominance Importance</b>
MIT	1	.54446123286223	1	.73546751815831	1	.73185699485082
Berkeley	2	.24598618575004	2	.15796966854347	2	.15021499271267
Stanford	7	.01847422473775	3	.05179442199222	3	.06549851200007
Caltech	3	.04130739802212	4	.03366471502854	4	.02706257457500
UCSB	12	.00532832798151	5	.00906485348184	5	.01529566578130
Urbana_Champaign	4	.03018312147536	6	.00517902738262	7	.00313784234498
Princeton	6	.02908965784549	7	.00466133205266	6	.00384359374251
Harvard	17	.00064042407257	8	.00103622029313	8	.00227467257001
MD_Coll_Park	4	.03018312147536	9	.00073986105466	9	.00046144740367
Cornell	14	.00190867703498	10	.00015238533722	10	.00020757394045
UM_Ann_Arbor	8	.01702621054651	11	.00009683279526	11	.00005832856447
UCLA	10	.00833687851157	12	.00005973926064	12	.00003645322065
WI_Madison	15	.00166626987687	12	.00005973926064	13	.00002392653251
PA_Univ_Park	9	.01221356499284	14	.00003212438037	14	.00001367734380
Northwestern	20	.00019868726675	15	.00000973625504	15	.00000807574276
Seattle	16	.00088878138486	16	.00000471236453	16	.00000301415926
Florida	18	.00062927009743	17	.00000188749502	21	.00000035572352
Austin	11	.00655738117705	18	.00000177123239	17	.00000073455425
UCSD	13	.00392739323817	19	.00000172246900	19	.00000047277332
Twin_Cities	19	.00020493699187	20	.00000086720234	20	.00000038493029
Chicago	33	.00001600655536	21	.00000050108746	18	.00000050957273
Columbus	27	.00003253422675	22	.00000005196936	24	.00000001670824
Iowa_State	23	.00010055113887	22	.00000005196936	24	.00000001670824
Columbia	30	.00001742154654	24	.00000004595011	23	.00000001816887
Georgia_Inst_Tech	21	.00016721173096	25	.00000003931840	28	.00000001280539
Texas_AM	24	.00008536541949	25	.00000003931840	26	.00000001623746
New_Brunswick	26	.00003899002933	27	.00000003901751	29	.00000001205906
Pennsylvania	38	.00000671157608	28	.00000003788741	22	.00000008645101
CO_Boulder	36	.00000956969460	29	.00000002738956	27	.00000001404501
Rochester	25	.00008164683892	30	.00000001437797	30	.0000000171604
Arizona	22	.00010922167424	31	.00000000969664	31	.00000000048389
Purdue	29	.00001828366319	32	.00000000181391	33	.00000000028733
Yale	44	.00000074046280	33	.00000000070264	32	.00000000039983
Stony_Brook	31	.00001614656293	34	.00000000058221	35	.00000000012551
UC_Irvine	39	.00000641961863	34	.00000000058221	34	.00000000025102
UC_Davis	35	.00001183671142	36	.00000000053317	38	.00000000009333
Boston	37	.00000754429890	37	.00000000041731	37	.00000000010013
Michigan	34	.00001536803210	38	.00000000040812	40	.00000000004368
AZ_Tempe	28	.00002115329127	39	.00000000037423	41	.00000000004352

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Institution	Strong dominance Rank	Strong dominance Importance	Dominance Rank	Dominance Importance	Weak dominance Rank	Weak dominance Importance
Duke	47	.00000049081449	40	.00000000024273	35	.00000000012551
Johns_Hopkins	40	.00000294179077	40	.00000000024273	39	.0000000007237
Florida_State	45	.00000056676703	42	.0000000002882	43	.0000000000374
Rice	50	.00000016750741	43	.0000000002782	42	.0000000002875
Raleigh	32	.00001607124589	44	.0000000001169	44	.0000000000114
Delaware	41	.00000134364269	45	.0000000000412	47	.0000000000056
Utah	46	.00000054755992	46	.0000000000383	46	.0000000000057
NYU	54	.00000007828470	47	.0000000000134	45	.0000000000065
Brown	43	.00000079868549	48	.0000000000041	48	.0000000000005
USC	42	.00000104770267	49	.0000000000019	50	.0000000000001
Notre_Dame	52	.00000013908593	50	.0000000000012	49	.0000000000002
Bloomington	59	.00000005024810	51	.0000000000006	51	.0000000000001
Albuquerque	49	.00000017812678	52	.0000000000005	57	.0000000000000
Virginia	53	.00000012887871	53	.0000000000005	53	.0000000000001
UC_Riverside	61	.00000002115633	54	.0000000000004	52	.0000000000001
Lincoln	56	.00000007133301	55	.0000000000003	56	.0000000000000
CT_Storrs	58	.00000005867269	56	.0000000000002	55	.0000000000000
MA_Amherst	65	.00000001240650	57	.0000000000002	58	.0000000000000
Rensselaer	51	.00000013997828	58	.0000000000002	54	.0000000000000
Carnegie_Mellon	48	.00000040936159	59	.0000000000001	59	.0000000000000
Pittsburgh	55	.00000007600765	59	.0000000000001	60	.0000000000000
UNC	66	.00000000909136	61	.0000000000001	61	.0000000000000
Virginia_Tech	60	.00000003379480	62	.0000000000000	62	.0000000000000
TN_Knoxville	57	.00000006247996	63	.0000000000000	63	.0000000000000
WU_St_Louis	64	.00000001888290	64	.0000000000000	64	.0000000000000
Vanderbilt	62	.00000002086703	65	.0000000000000	65	.0000000000000
Iowa	63	.00000001890202	66	.0000000000000	66	.0000000000000
IL_Chicago	67	.00000000766788	67	.0000000000000	68	.0000000000000
Georgia	68	.00000000631090	68	.0000000000000	69	.0000000000000
CWRU	71	.00000000191443	69	.0000000000000	72	.0000000000000
Cincinnati	69	.00000000367594	69	.0000000000000	71	.0000000000000
Oregon	73	.00000000116997	71	.0000000000000	67	.0000000000000
Manoa	80	.00000000011712	72	.0000000000000	74	.0000000000000
Boston_Coll	77	.00000000035195	73	.0000000000000	70	.0000000000000
Santa_Cruz	74	.00000000080196	74	.0000000000000	75	.0000000000000
CO_State	70	.00000000236032	75	.0000000000000	73	.0000000000000
Emory	75	.00000000078861	76	.0000000000000	75	.0000000000000
Dartmouth_Coll	76	.00000000050551	77	.0000000000000	77	.0000000000000
Virginia_Comm	78	.00000000032526	78	.0000000000000	78	.0000000000000

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Institution	Strong dominance Rank	Strong dominance Importance	Dominance Rank	Dominance Importance	Weak dominance Rank	Weak dominance Importance
CUNY	72	.00000000174096	79	.00000000000000	80	.00000000000000
Brandeis	79	.00000000012076	80	.00000000000000	79	.00000000000000
George_Washington	81	.00000000010646	81	.00000000000000	81	.00000000000000
Tufts	83	.00000000005252	82	.00000000000000	82	.00000000000000
Miami	84	.00000000004237	83	.00000000000000	82	.00000000000000
Oregon_State	82	.00000000009181	84	.00000000000000	85	.00000000000000
Rockefeller	87	.00000000002055	85	.00000000000000	84	.00000000000000
George_Mason	90	.00000000001317	86	.00000000000000	87	.00000000000000
SUNY_Albany	85	.00000000003864	87	.00000000000000	86	.00000000000000
Birmingham	86	.00000000002926	88	.00000000000000	93	.00000000000000
MD_Baltimore	92	.00000000000831	89	.00000000000000	88	.00000000000000
So_Methodist	93	.00000000000791	89	.00000000000000	88	.00000000000000
Wake_Forest	89	.00000000001331	89	.00000000000000	88	.00000000000000
Yeshiva	94	.00000000000205	92	.00000000000000	92	.00000000000000
UCSF	88	.00000000001349	93	.00000000000000	88	.00000000000000
Mayo_Coll_Med	91	.00000000001223	94	.00000000000000	94	.00000000000000
Polytech_Brooklyn	95	.00000000000171	95	.00000000000000	95	.00000000000000
CO_Health	97	.00000000000098	96	.00000000000000	96	.00000000000000
CT_Health	96	.00000000000169	97	.00000000000000	97	.00000000000000
Texas_SW_Med_Center	99	.00000000000040	98	.00000000000000	98	.00000000000000
SUNY_Health_Brooklyn	101	.00000000000032	99	.00000000000000	101	.00000000000000
Baylor_Coll_Med	103	.00000000000023	100	.00000000000000	100	.00000000000000
TX_Anderson	98	.00000000000068	101	.00000000000000	99	.00000000000000
Health_Houston	107	.00000000000015	102	.00000000000000	102	.00000000000000
OR_Health_Sci	100	.00000000000038	103	.00000000000000	104	.00000000000000
MA_Med_Sch	106	.00000000000018	104	.00000000000000	103	.00000000000000
MA_Boston	104	.00000000000021	105	.00000000000000	105	.00000000000000
Rutgers_Newark	102	.00000000000031	106	.00000000000000	106	.00000000000000
TX_Health_SA	110	.00000000000010	107	.00000000000000	107	.00000000000000
Mt_Sinai	108	.00000000000013	108	.00000000000000	108	.00000000000000
UMDNJ	109	.00000000000012	109	.00000000000000	111	.00000000000000
TN_Health	111	.00000000000010	110	.00000000000000	109	.00000000000000
WI_Med_Coll	105	.00000000000018	111	.00000000000000	110	.00000000000000
NE_Med	112	.00000000000008	112	.00000000000000	112	.00000000000000