

***Pseudo ranking of 112 US higher Education and research institutions in universe sciences  
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
Berkeley	1	.62453572727182	1	.44468223539407	1	.44468041220422
Caltech	2	.16599014339047	1	.44468223539407	1	.44468041220422
Arizona	4	.02543420822374	3	.04940913726601	3	.04940893468936
Seattle	3	.13705827565015	3	.04940913726601	3	.04940893468936
Stanford	6	.01646472460525	5	.00745126100648	5	.00746730758957
CO_Boulder	5	.01762508981040	6	.00156719040905	6	.00153502971732
UM_Ann_Arbor	7	.00234191527502	7	.00115120681929	7	.00117285473075
Columbia	8	.00218197115043	8	.00068747820398	8	.00071421294941
PA_Univ_Park	10	.00166041271786	9	.00041587207146	9	.00040060181056
WI_Madison	9	.00186351135583	10	.00028780170482	10	.00028427780668
MIT	11	.00119122972902	11	.00011293908184	11	.00010881049418
Harvard	17	.00014372252014	12	.00005593739717	12	.00005495691602
UCSD	14	.00082979181975	13	.00001975137878	13	.00001877775342
UCLA	12	.00115108564776	14	.00001671270512	15	.00001588886828
UC_Davis	15	.00022344300173	15	.00001630580491	14	.00001825812054
Twin_Cities	16	.00015409862188	16	.00001516267446	16	.00001445240298
Manoa	13	.00099067044594	17	.00000964579303	18	.00000595725067
Johns_Hopkins	21	.00001023435901	18	.00000604207406	17	.00000617966247
Oregon_State	22	.00000844528259	19	.00000096481556	20	.00000093039680
Columbus	30	.00000156868896	20	.00000080711578	19	.00000096807349
Princeton	18	.00004905628126	21	.00000079346560	21	.00000057648723
UCSB	19	.00003592174624	22	.00000046712931	22	.00000041106904
Cornell	24	.00000593723098	23	.00000038588943	23	.00000035745134
Yale	25	.00000552607483	24	.00000015819204	24	.00000014652526
UC_Riverside	32	.00000102087808	25	.00000013835308	24	.00000014652526
MD_Coll_Park	20	.00002449088788	26	.00000012838934	26	.00000010992234
Urbana_Champaign	23	.00000607215958	27	.00000002714833	27	.00000002330248
Santa_Cruz	35	.00000007836016	28	.00000002125091	28	.00000002232962
Chicago	29	.00000201821729	29	.00000001581178	29	.00000001355904
New_Brunswick	26	.00000268559513	30	.00000001273504	30	.00000001083880
Austin	28	.00000216862842	31	.00000001229805	31	.00000001072208
Georgia_Inst_Tech	31	.00000133472569	32	.00000000764879	32	.00000000696935
AZ_Tempe	27	.00000265822828	33	.00000000348592	34	.00000000263032
Florida	33	.00000036803023	34	.00000000309729	33	.00000000270970
UNC	43	.00000000934606	35	.00000000019826	35	.00000000017362
Michigan	39	.00000001805237	36	.00000000018121	36	.00000000015401
Texas_AM	38	.00000002115764	37	.00000000008455	37	.00000000007277
Duke	48	.00000000267578	38	.00000000007821	38	.00000000006777

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Miami	37	.00000003062267	39	.0000000007290	39	.0000000006145
Stony_Brook	34	.00000019837480	40	.0000000004209	40	.0000000003706
Delaware	36	.00000004675934	41	.0000000003126	41	.0000000002646
Purdue	41	.00000001171935	42	.0000000002713	42	.0000000002306
Iowa	49	.00000000180084	43	.0000000000352	43	.0000000000299
USC	52	.00000000094107	44	.0000000000224	44	.0000000000190
MA_Amherst	45	.00000000731929	45	.0000000000172	45	.0000000000145
Virginia_Tech	50	.00000000152832	46	.0000000000139	47	.0000000000117
CO_State	40	.00000001180900	47	.0000000000134	46	.0000000000142
UC_Irvine	46	.00000000613025	48	.0000000000121	48	.0000000000103
Georgia	44	.00000000910604	49	.0000000000082	49	.0000000000069
Carnegie_Mellon	47	.00000000299702	50	.0000000000061	50	.0000000000052
Virginia	42	.00000000988207	51	.0000000000030	51	.0000000000012
Bloomington	57	.00000000015982	52	.0000000000014	52	.0000000000012
Raleigh	54	.00000000044473	53	.0000000000013	53	.0000000000011
Brown	62	.00000000006027	54	.0000000000006	54	.0000000000005
Rice	53	.00000000049818	55	.0000000000002	55	.0000000000001
Notre_Dame	55	.00000000021972	56	.0000000000001	57	.0000000000001
WU_St_Louis	56	.00000000021734	57	.0000000000001	56	.0000000000001
Florida_State	51	.00000000113386	58	.0000000000001	59	.0000000000001
Rochester	60	.00000000009072	59	.0000000000001	58	.0000000000001
Cincinnati	68	.00000000000253	60	.0000000000000	60	.0000000000000
Utah	63	.00000000003775	61	.0000000000000	61	.0000000000000
Northwestern	58	.00000000010086	62	.0000000000000	62	.0000000000000
Albuquerque	61	.00000000007825	63	.0000000000000	65	.0000000000000
Oregon	70	.00000000000221	64	.0000000000000	63	.0000000000000
Rensselaer	65	.00000000000357	65	.0000000000000	66	.0000000000000
TN_Knoxville	67	.00000000000313	66	.0000000000000	64	.0000000000000
Lincoln	59	.00000000009999	67	.0000000000000	67	.0000000000000
SUNY_Albany	66	.00000000000336	68	.0000000000000	69	.0000000000000
IL_Chicago	75	.00000000000004	69	.0000000000000	70	.0000000000000
Boston	64	.00000000000664	70	.0000000000000	68	.0000000000000
Dartmouth_Coll	69	.00000000000237	71	.0000000000000	71	.0000000000000
CT_Storrs	72	.00000000000018	72	.0000000000000	72	.0000000000000
Pennsylvania	73	.00000000000015	73	.0000000000000	73	.0000000000000
Iowa_State	71	.00000000000046	74	.0000000000000	74	.0000000000000
NYU	74	.00000000000011	75	.0000000000000	75	.0000000000000
Pittsburgh	76	.00000000000002	76	.0000000000000	76	.0000000000000

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UMDNJ	80	.000000000000001	77	.000000000000000	77	.000000000000000
MD_Baltimore	77	.000000000000001	78	.000000000000000	78	.000000000000000
Vanderbilt	81	.000000000000000	79	.000000000000000	79	.000000000000000
Mt_Sinai	91	.000000000000000	80	.000000000000000	80	.000000000000000
So_Methodist	78	.000000000000001	81	.000000000000000	82	.000000000000000
Tufts	82	.000000000000000	82	.000000000000000	81	.000000000000000
George_Mason	79	.000000000000001	83	.000000000000000	84	.000000000000000
CUNY	86	.000000000000000	84	.000000000000000	83	.000000000000000
OR_Health_Sci	84	.000000000000000	85	.000000000000000	85	.000000000000000
Health_Houston	87	.000000000000000	86	.000000000000000	86	.000000000000000
George_Washington	83	.000000000000000	87	.000000000000000	87	.000000000000000
UCSF	92	.000000000000000	88	.000000000000000	88	.000000000000000
Boston_Coll	88	.000000000000000	89	.000000000000000	89	.000000000000000
Birmingham	98	.000000000000000	90	.000000000000000	90	.000000000000000
Rutgers_Newark	90	.000000000000000	91	.000000000000000	91	.000000000000000
CWRU	85	.000000000000000	92	.000000000000000	92	.000000000000000
CO_Health	89	.000000000000000	93	.000000000000000	93	.000000000000000
Baylor_Coll_Med	97	.000000000000000	94	.000000000000000	94	.000000000000000
Wake_Forest	94	.000000000000000	95	.000000000000000	95	.000000000000000
MA_Boston	93	.000000000000000	96	.000000000000000	96	.000000000000000
Brandeis	95	.000000000000000	97	.000000000000000	97	.000000000000000
Emory	96	.000000000000000	98	.000000000000000	98	.000000000000000
Mayo_Coll_Med	102	.000000000000000	99	.000000000000000	99	.000000000000000
TX_Anderson	99	.000000000000000	99	.000000000000000	99	.000000000000000
Texas_SW_Med_Center	106	.000000000000000	101	.000000000000000	101	.000000000000000
Yeshiva	100	.000000000000000	102	.000000000000000	102	.000000000000000
Polytech_Brooklyn	101	.000000000000000	103	.000000000000000	103	.000000000000000
NE_Med	104	.000000000000000	104	.000000000000000	104	.000000000000000
CT_Health	105	.000000000000000	105	.000000000000000	105	.000000000000000
Virginia_Comm	103	.000000000000000	106	.000000000000000	106	.000000000000000
WI_Med_Coll	107	.000000000000000	107	.000000000000000	107	.000000000000000
TX_Health_SA	108	.000000000000000	108	.000000000000000	108	.000000000000000
TN_Health	109	.000000000000000	109	.000000000000000	109	.000000000000000
SUNY_Health_Brooklyn	110	.000000000000000	110	.000000000000000	110	.000000000000000
Rockefeller	111	.000000000000000	111	.000000000000000	111	.000000000000000
MA_Med_Sch	112	.000000000000000	112	.000000000000000	112	.000000000000000