

***Pseudo ranking of 112 US higher Education and research institutions in all disciplines
When only publications in the top 10% of their discipline are considered ($\phi = 0.1$)
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 | .72671568117433 | 1 | .73928292162089 | 1 | .73928292162213 |
| Stanford | 2 | .14382914523242 | 2 | .18482073040522 | 2 | .18482073040553 |
| Berkeley | 5 | .02270986503670 | 3 | .01980222111485 | 3 | .01980222111488 |
| Seattle | 3 | .04541973007340 | 3 | .01980222111485 | 3 | .01980222111488 |
| UCLA | 5 | .02270986503670 | 3 | .01980222111485 | 3 | .01980222111488 |
| MIT | 7 | .00378497750612 | 6 | .01320148074323 | 6 | .01320148074325 |
| UM_Ann_Arbor | 4 | .03027982004893 | 7 | .00165018509290 | 7 | .00165018509291 |
| Johns_Hopkins | 8 | .00216284428921 | 8 | .00132014807432 | 8 | .00132014807433 |
| Pennsylvania | 9 | .00189248875306 | 9 | .00023574072756 | 9 | .00023574072756 |
| Columbia | 11 | .00012349568454 | 10 | .00005893518189 | 10 | .00005893518189 |
| UCSD | 10 | .00020563279426 | 11 | .00000803661571 | 11 | .00000803661571 |
| UCSF | 12 | .00009459108536 | 11 | .00000803661571 | 11 | .00000803661571 |
| Yale | 14 | .00000811962908 | 13 | .00000401830786 | 13 | .00000401830786 |
| Caltech | 18 | .00000178919614 | 14 | .00000133943595 | 14 | .00000133943595 |
| WI_Madison | 13 | .00004926619029 | 14 | .00000133943595 | 14 | .00000133943595 |
| Cornell | 17 | .00000270654303 | 16 | .00000019134799 | 16 | .00000019134799 |
| Twin_Cities | 15 | .00000533846551 | 16 | .00000019134799 | 16 | .00000019134799 |
| Duke | 16 | .00000303858939 | 18 | .00000003044173 | 18 | .00000003044173 |
| Pittsburgh | 19 | .00000085173870 | 19 | .00000000570782 | 19 | .00000000570782 |
| Northwestern | 23 | .00000009384621 | 20 | .00000000380522 | 20 | .00000000380522 |
| Urbana_Champaign | 20 | .00000030948169 | 21 | .00000000095130 | 21 | .00000000095130 |
| WU_St_Louis | 21 | .00000017891961 | 22 | .00000000063420 | 22 | .00000000063420 |
| UNC | 22 | .00000012237352 | 23 | .00000000011891 | 23 | .00000000011891 |
| Mayo_Coll_Med | 26 | .00000000859155 | 24 | .00000000002594 | 24 | .00000000002973 |
| UC_Davis | 24 | .00000001140215 | 25 | .00000000000757 | 26 | .00000000000336 |
| PA_Univ_Park | 25 | .00000000981371 | 26 | .00000000000432 | 25 | .00000000000384 |
| Chicago | 32 | .00000000028736 | 27 | .00000000000378 | 26 | .00000000000336 |
| Florida | 27 | .00000000821854 | 28 | .00000000000036 | 29 | .00000000000024 |
| Princeton | 33 | .00000000016647 | 28 | .00000000000036 | 28 | .00000000000032 |
| TX_Anderson | 29 | .00000000060695 | 30 | .00000000000031 | 29 | .00000000000024 |
| Columbus | 27 | .00000000821854 | 31 | .00000000000022 | 31 | .00000000000016 |
| Austin | 30 | .00000000046583 | 32 | .00000000000015 | 32 | .00000000000012 |
| UCSB | 34 | .0000000008260 | 33 | .00000000000005 | 33 | .00000000000004 |
| Arizona | 31 | .00000000037973 | 34 | .00000000000001 | 34 | .00000000000001 |
| USC | 35 | .00000000003710 | 35 | .00000000000000 | 35 | .00000000000000 |
| UC_Irvine | 41 | .00000000000229 | 36 | .00000000000000 | 36 | .00000000000000 |
| Vanderbilt | 36 | .00000000002014 | 37 | .00000000000000 | 37 | .00000000000000 |
| Baylor_Coll_Med | 38 | .00000000000333 | 38 | .00000000000000 | 38 | .00000000000000 |
| NYU | 39 | .00000000000255 | 39 | .00000000000000 | 39 | .00000000000000 |

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| Institution | Strong dominance Rank | Strong dominance Importance | Dominance Rank | Dominance Importance | Weak dominance Rank | Weak dominance Importance |
|---------------------|-----------------------|-----------------------------|----------------|----------------------|---------------------|---------------------------|
| Emory | 40 | .00000000000236 | 40 | .00000000000000 | 40 | .00000000000000 |
| Texas_AM | 37 | .00000000000697 | 41 | .00000000000000 | 41 | .00000000000000 |
| Virginia | 45 | .00000000000021 | 42 | .00000000000000 | 42 | .00000000000000 |
| Texas_SW_Med_Center | 47 | .00000000000008 | 43 | .00000000000000 | 43 | .00000000000000 |
| Boston | 43 | .00000000000058 | 44 | .00000000000000 | 44 | .00000000000000 |
| Georgia_Inst_Tech | 46 | .00000000000016 | 45 | .00000000000000 | 45 | .00000000000000 |
| CO_Boulder | 48 | .00000000000006 | 46 | .00000000000000 | 46 | .00000000000000 |
| MD_Coll_Park | 50 | .00000000000003 | 47 | .00000000000000 | 47 | .00000000000000 |
| Purdue | 42 | .00000000000216 | 48 | .00000000000000 | 48 | .00000000000000 |
| Utah | 44 | .00000000000030 | 49 | .00000000000000 | 49 | .00000000000000 |
| Iowa | 49 | .00000000000006 | 50 | .00000000000000 | 50 | .00000000000000 |
| Iowa_State | 53 | .00000000000000 | 51 | .00000000000000 | 51 | .00000000000000 |
| New_Brunswick | 53 | .00000000000000 | 51 | .00000000000000 | 51 | .00000000000000 |
| Rochester | 53 | .00000000000000 | 51 | .00000000000000 | 51 | .00000000000000 |
| Michigan | 51 | .00000000000000 | 54 | .00000000000000 | 54 | .00000000000000 |
| CWRU | 56 | .00000000000000 | 55 | .00000000000000 | 55 | .00000000000000 |
| Birmingham | 52 | .00000000000000 | 56 | .00000000000000 | 56 | .00000000000000 |
| CO_Health | 58 | .00000000000000 | 57 | .00000000000000 | 57 | .00000000000000 |
| Raleigh | 57 | .00000000000000 | 58 | .00000000000000 | 58 | .00000000000000 |
| Carnegie_Mellon | 61 | .00000000000000 | 59 | .00000000000000 | 59 | .00000000000000 |
| Rockefeller | 76 | .00000000000000 | 60 | .00000000000000 | 60 | .00000000000000 |
| Cincinnati | 59 | .00000000000000 | 61 | .00000000000000 | 61 | .00000000000000 |
| Mt_Sinai | 62 | .00000000000000 | 62 | .00000000000000 | 62 | .00000000000000 |
| MA_Amherst | 66 | .00000000000000 | 63 | .00000000000000 | 63 | .00000000000000 |
| Stony_Brook | 64 | .00000000000000 | 64 | .00000000000000 | 65 | .00000000000000 |
| UC_Riverside | 68 | .00000000000000 | 65 | .00000000000000 | 64 | .00000000000000 |
| Tufts | 63 | .00000000000000 | 66 | .00000000000000 | 66 | .00000000000000 |
| IL_Chicago | 60 | .00000000000000 | 67 | .00000000000000 | 67 | .00000000000000 |
| MD_Baltimore | 64 | .00000000000000 | 68 | .00000000000000 | 68 | .00000000000000 |
| Yeshiva | 67 | .00000000000000 | 69 | .00000000000000 | 69 | .00000000000000 |
| Rice | 71 | .00000000000000 | 70 | .00000000000000 | 70 | .00000000000000 |
| OR_Health_Sci | 73 | .00000000000000 | 71 | .00000000000000 | 71 | .00000000000000 |
| Delaware | 72 | .00000000000000 | 72 | .00000000000000 | 72 | .00000000000000 |
| CO_State | 69 | .00000000000000 | 73 | .00000000000000 | 73 | .00000000000000 |
| AZ_Tempe | 70 | .00000000000000 | 74 | .00000000000000 | 74 | .00000000000000 |
| Miami | 74 | .00000000000000 | 75 | .00000000000000 | 75 | .00000000000000 |
| MA_Med_Sch | 78 | .00000000000000 | 76 | .00000000000000 | 76 | .00000000000000 |
| Georgia | 75 | .00000000000000 | 77 | .00000000000000 | 77 | .00000000000000 |
| Brown | 77 | .00000000000000 | 78 | .00000000000000 | 78 | .00000000000000 |

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| Institution | Strong dominance Rank | Strong dominance Importance | Dominance Rank | Dominance Importance | Weak dominance Rank | Weak dominance Importance |
|----------------------|-----------------------|-----------------------------|----------------|----------------------|---------------------|---------------------------|
| Bloomington | 79 | .00000000000000 | 79 | .00000000000000 | 79 | .00000000000000 |
| Notre_Dame | 82 | .00000000000000 | 80 | .00000000000000 | 80 | .00000000000000 |
| Virginia_Comm | 88 | .00000000000000 | 81 | .00000000000000 | 81 | .00000000000000 |
| TN_Knoxville | 84 | .00000000000000 | 82 | .00000000000000 | 82 | .00000000000000 |
| Santa_Cruz | 91 | .00000000000000 | 83 | .00000000000000 | 83 | .00000000000000 |
| Virginia_Tech | 83 | .00000000000000 | 84 | .00000000000000 | 84 | .00000000000000 |
| Dartmouth_Coll | 86 | .00000000000000 | 85 | .00000000000000 | 85 | .00000000000000 |
| Albuquerque | 89 | .00000000000000 | 86 | .00000000000000 | 86 | .00000000000000 |
| CT_Storrs | 80 | .00000000000000 | 87 | .00000000000000 | 87 | .00000000000000 |
| Oregon_State | 81 | .00000000000000 | 87 | .00000000000000 | 87 | .00000000000000 |
| Wake_Forest | 85 | .00000000000000 | 89 | .00000000000000 | 89 | .00000000000000 |
| Florida_State | 93 | .00000000000000 | 90 | .00000000000000 | 90 | .00000000000000 |
| Manoa | 92 | .00000000000000 | 91 | .00000000000000 | 91 | .00000000000000 |
| UMDNJ | 87 | .00000000000000 | 92 | .00000000000000 | 92 | .00000000000000 |
| TX_Health_SA | 96 | .00000000000000 | 93 | .00000000000000 | 93 | .00000000000000 |
| Lincoln | 90 | .00000000000000 | 94 | .00000000000000 | 94 | .00000000000000 |
| Rensselaer | 95 | .00000000000000 | 95 | .00000000000000 | 95 | .00000000000000 |
| WI_Med_Coll | 94 | .00000000000000 | 96 | .00000000000000 | 96 | .00000000000000 |
| CT_Health | 98 | .00000000000000 | 97 | .00000000000000 | 97 | .00000000000000 |
| Health_Houston | 97 | .00000000000000 | 98 | .00000000000000 | 98 | .00000000000000 |
| Oregon | 100 | .00000000000000 | 99 | .00000000000000 | 99 | .00000000000000 |
| TN_Health | 99 | .00000000000000 | 99 | .00000000000000 | 99 | .00000000000000 |
| Boston_Coll | 103 | .00000000000000 | 101 | .00000000000000 | 101 | .00000000000000 |
| Brandeis | 102 | .00000000000000 | 102 | .00000000000000 | 102 | .00000000000000 |
| George_Washington | 101 | .00000000000000 | 102 | .00000000000000 | 102 | .00000000000000 |
| NE_Med | 104 | .00000000000000 | 104 | .00000000000000 | 104 | .00000000000000 |
| SUNY_Albany | 104 | .00000000000000 | 105 | .00000000000000 | 105 | .00000000000000 |
| George_Mason | 106 | .00000000000000 | 106 | .00000000000000 | 106 | .00000000000000 |
| SUNY_Health_Brooklyn | 107 | .00000000000000 | 106 | .00000000000000 | 106 | .00000000000000 |
| CUNY | 108 | .00000000000000 | 108 | .00000000000000 | 108 | .00000000000000 |
| Rutgers_Newark | 109 | .00000000000000 | 108 | .00000000000000 | 108 | .00000000000000 |
| Polytech_Brooklyn | 110 | .00000000000000 | 110 | .00000000000000 | 110 | .00000000000000 |
| So_Methodist | 111 | .00000000000000 | 111 | .00000000000000 | 111 | .00000000000000 |
| MA_Boston | 112 | .00000000000000 | 112 | .00000000000000 | 112 | .00000000000000 |