

***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 the direct impact factor of the journal (3 years window) 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 | .73018981967344 | 1 | .72633325701787 | 1 | .72633325701780 |
| Berkeley | 3 | .06520964738445 | 2 | .12105554283631 | 2 | .12105554283630 |
| Stanford | 2 | .14994263122613 | 2 | .12105554283631 | 2 | .12105554283630 |
| Seattle | 4 | .01989371869181 | 4 | .01113154416886 | 4 | .01113154416886 |
| MIT | 6 | .00837129976085 | 5 | .00904437963720 | 5 | .00904437963719 |
| UCLA | 5 | .01498184881936 | 6 | .00834865812664 | 6 | .00834865812664 |
| Johns_Hopkins | 9 | .00122796746811 | 7 | .00092762868074 | 7 | .00092762868074 |
| UM_Ann_Arbor | 7 | .00749092440968 | 7 | .00092762868074 | 7 | .00092762868074 |
| Pennsylvania | 8 | .00214026411705 | 9 | .00069572151055 | 9 | .00069572151055 |
| Caltech | 12 | .00005138511971 | 10 | .00034786075528 | 10 | .00034786075528 |
| Columbia | 11 | .00018192110639 | 11 | .00009938878722 | 11 | .00009938878722 |
| Yale | 10 | .00025851946697 | 12 | .00002484719681 | 12 | .00002484719681 |
| UCSF | 13 | .00003364294433 | 13 | .00000599759923 | 13 | .00000599759923 |
| UCSD | 15 | .00000412314187 | 14 | .00000149939981 | 14 | .00000149939981 |
| Cornell | 15 | .00000412314187 | 15 | .00000037484995 | 15 | .00000037484995 |
| WI_Madison | 15 | .00000412314187 | 16 | .00000009371249 | 16 | .00000009371249 |
| Northwestern | 20 | .00000017418685 | 17 | .00000002008125 | 17 | .00000002008125 |
| Twin_Cities | 14 | .00001295995800 | 18 | .00000000669375 | 18 | .00000000669375 |
| Duke | 20 | .00000017418685 | 19 | .00000000334687 | 19 | .00000000334687 |
| Urbana_Champaign | 18 | .00000033941630 | 19 | .00000000334687 | 19 | .00000000334687 |
| WU_St_Louis | 22 | .00000008041186 | 21 | .00000000031875 | 21 | .00000000031875 |
| Chicago | 25 | .00000000308528 | 22 | .00000000015937 | 22 | .00000000015937 |
| Pittsburgh | 19 | .00000029103082 | 22 | .00000000015937 | 22 | .00000000015937 |
| UNC | 23 | .00000001332269 | 24 | .00000000007969 | 24 | .00000000007969 |
| UC_Davis | 24 | .00000000325524 | 25 | .00000000001328 | 25 | .00000000001328 |
| Austin | 26 | .00000000022502 | 26 | .00000000000253 | 26 | .00000000000238 |
| Mayo_Coll_Med | 31 | .00000000021606 | 27 | .00000000000079 | 28 | .00000000000074 |
| Columbus | 26 | .00000000022502 | 28 | .00000000000063 | 29 | .00000000000059 |
| Princeton | 26 | .00000000022502 | 29 | .00000000000042 | 27 | .00000000000079 |
| Arizona | 34 | .00000000001128 | 30 | .00000000000019 | 30 | .00000000000017 |
| PA_Univ_Park | 26 | .00000000022502 | 31 | .00000000000011 | 31 | .00000000000010 |
| UCSB | 26 | .00000000022502 | 31 | .00000000000011 | 32 | .00000000000008 |
| TX_Anderson | 33 | .00000000001444 | 33 | .00000000000001 | 33 | .00000000000001 |
| Florida | 32 | .00000000015874 | 34 | .00000000000000 | 34 | .00000000000000 |
| Vanderbilt | 35 | .00000000000358 | 35 | .00000000000000 | 35 | .00000000000000 |
| Baylor_Coll_Med | 37 | .00000000000089 | 36 | .00000000000000 | 36 | .00000000000000 |
| NYU | 39 | .00000000000009 | 37 | .00000000000000 | 37 | .00000000000000 |
| Virginia | 36 | .00000000000178 | 38 | .00000000000000 | 38 | .00000000000000 |
| MD_Coll_Park | 38 | .00000000000013 | 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 |
|---------------------|-----------------------|-----------------------------|----------------|----------------------|---------------------|---------------------------|
| Boston | 42 | .000000000000001 | 40 | .000000000000000 | 40 | .000000000000000 |
| USC | 40 | .000000000000007 | 41 | .000000000000000 | 41 | .000000000000000 |
| Texas_SW_Med_Center | 44 | .000000000000000 | 42 | .000000000000000 | 42 | .000000000000000 |
| UC_Irvine | 43 | .000000000000001 | 43 | .000000000000000 | 43 | .000000000000000 |
| CO_Boulder | 48 | .000000000000000 | 44 | .000000000000000 | 44 | .000000000000000 |
| Emory | 41 | .000000000000004 | 45 | .000000000000000 | 45 | .000000000000000 |
| Texas_AM | 45 | .000000000000000 | 46 | .000000000000000 | 46 | .000000000000000 |
| Purdue | 47 | .000000000000000 | 47 | .000000000000000 | 47 | .000000000000000 |
| Rochester | 51 | .000000000000000 | 48 | .000000000000000 | 48 | .000000000000000 |
| Utah | 49 | .000000000000000 | 48 | .000000000000000 | 48 | .000000000000000 |
| Georgia_Inst_Tech | 46 | .000000000000000 | 50 | .000000000000000 | 50 | .000000000000000 |
| New_Brunswick | 52 | .000000000000000 | 51 | .000000000000000 | 51 | .000000000000000 |
| Iowa | 50 | .000000000000000 | 52 | .000000000000000 | 52 | .000000000000000 |
| Iowa_State | 56 | .000000000000000 | 53 | .000000000000000 | 53 | .000000000000000 |
| CWRU | 53 | .000000000000000 | 54 | .000000000000000 | 54 | .000000000000000 |
| Michigan | 54 | .000000000000000 | 55 | .000000000000000 | 55 | .000000000000000 |
| CO_Health | 55 | .000000000000000 | 56 | .000000000000000 | 56 | .000000000000000 |
| Mt_Sinai | 61 | .000000000000000 | 57 | .000000000000000 | 57 | .000000000000000 |
| Yeshiva | 60 | .000000000000000 | 58 | .000000000000000 | 58 | .000000000000000 |
| Stony_Brook | 58 | .000000000000000 | 59 | .000000000000000 | 59 | .000000000000000 |
| Cincinnati | 59 | .000000000000000 | 60 | .000000000000000 | 61 | .000000000000000 |
| Rockefeller | 74 | .000000000000000 | 61 | .000000000000000 | 60 | .000000000000000 |
| UC_Riverside | 64 | .000000000000000 | 62 | .000000000000000 | 62 | .000000000000000 |
| Raleigh | 57 | .000000000000000 | 63 | .000000000000000 | 63 | .000000000000000 |
| MA_Amherst | 63 | .000000000000000 | 64 | .000000000000000 | 65 | .000000000000000 |
| Bloomington | 67 | .000000000000000 | 65 | .000000000000000 | 64 | .000000000000000 |
| Brown | 66 | .000000000000000 | 66 | .000000000000000 | 66 | .000000000000000 |
| IL_Chicago | 65 | .000000000000000 | 66 | .000000000000000 | 66 | .000000000000000 |
| Birmingham | 62 | .000000000000000 | 68 | .000000000000000 | 68 | .000000000000000 |
| Santa_Cruz | 76 | .000000000000000 | 69 | .000000000000000 | 69 | .000000000000000 |
| AZ_Tempe | 68 | .000000000000000 | 70 | .000000000000000 | 70 | .000000000000000 |
| OR_Health_Sci | 70 | .000000000000000 | 71 | .000000000000000 | 71 | .000000000000000 |
| Carnegie_Mellon | 68 | .000000000000000 | 72 | .000000000000000 | 72 | .000000000000000 |
| MA_Med_Sch | 73 | .000000000000000 | 73 | .000000000000000 | 73 | .000000000000000 |
| Rice | 81 | .000000000000000 | 74 | .000000000000000 | 74 | .000000000000000 |
| Delaware | 71 | .000000000000000 | 75 | .000000000000000 | 75 | .000000000000000 |
| Tufts | 72 | .000000000000000 | 76 | .000000000000000 | 76 | .000000000000000 |
| Georgia | 78 | .000000000000000 | 77 | .000000000000000 | 77 | .000000000000000 |
| MD_Baltimore | 75 | .000000000000000 | 78 | .000000000000000 | 78 | .000000000000000 |

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| Institution | Strong dominance Rank | Strong dominance Importance | Dominance Rank | Dominance Importance | Weak dominance Rank | Weak dominance Importance |
|----------------------|-----------------------|-----------------------------|----------------|----------------------|---------------------|---------------------------|
| Dartmouth_Coll | 82 | .00000000000000 | 79 | .00000000000000 | 79 | .00000000000000 |
| CO_State | 77 | .00000000000000 | 80 | .00000000000000 | 80 | .00000000000000 |
| Notre_Dame | 82 | .00000000000000 | 81 | .00000000000000 | 81 | .00000000000000 |
| Albuquerque | 79 | .00000000000000 | 82 | .00000000000000 | 82 | .00000000000000 |
| Miami | 80 | .00000000000000 | 83 | .00000000000000 | 83 | .00000000000000 |
| Manoa | 87 | .00000000000000 | 84 | .00000000000000 | 84 | .00000000000000 |
| UMDNJ | 84 | .00000000000000 | 85 | .00000000000000 | 85 | .00000000000000 |
| Florida_State | 88 | .00000000000000 | 86 | .00000000000000 | 86 | .00000000000000 |
| CT_Storrs | 85 | .00000000000000 | 87 | .00000000000000 | 87 | .00000000000000 |
| Virginia_Comm | 86 | .00000000000000 | 88 | .00000000000000 | 88 | .00000000000000 |
| Wake_Forest | 89 | .00000000000000 | 89 | .00000000000000 | 89 | .00000000000000 |
| TN_Knoxville | 93 | .00000000000000 | 90 | .00000000000000 | 90 | .00000000000000 |
| Oregon_State | 92 | .00000000000000 | 91 | .00000000000000 | 91 | .00000000000000 |
| Lincoln | 94 | .00000000000000 | 92 | .00000000000000 | 92 | .00000000000000 |
| Rensselaer | 90 | .00000000000000 | 93 | .00000000000000 | 93 | .00000000000000 |
| Virginia_Tech | 90 | .00000000000000 | 93 | .00000000000000 | 94 | .00000000000000 |
| Oregon | 97 | .00000000000000 | 95 | .00000000000000 | 95 | .00000000000000 |
| Brandeis | 100 | .00000000000000 | 96 | .00000000000000 | 96 | .00000000000000 |
| TX_Health_SA | 95 | .00000000000000 | 97 | .00000000000000 | 97 | .00000000000000 |
| Health_Houston | 96 | .00000000000000 | 98 | .00000000000000 | 98 | .00000000000000 |
| WI_Med_Coll | 98 | .00000000000000 | 99 | .00000000000000 | 99 | .00000000000000 |
| Boston_Coll | 102 | .00000000000000 | 100 | .00000000000000 | 100 | .00000000000000 |
| CT_Health | 99 | .00000000000000 | 101 | .00000000000000 | 101 | .00000000000000 |
| TN_Health | 101 | .00000000000000 | 102 | .00000000000000 | 102 | .00000000000000 |
| George_Washington | 103 | .00000000000000 | 103 | .00000000000000 | 103 | .00000000000000 |
| George_Mason | 105 | .00000000000000 | 104 | .00000000000000 | 104 | .00000000000000 |
| NE_Med | 104 | .00000000000000 | 105 | .00000000000000 | 105 | .00000000000000 |
| SUNY_Albany | 106 | .00000000000000 | 106 | .00000000000000 | 106 | .00000000000000 |
| CUNY | 106 | .00000000000000 | 107 | .00000000000000 | 107 | .00000000000000 |
| SUNY_Health_Brooklyn | 108 | .00000000000000 | 108 | .00000000000000 | 108 | .00000000000000 |
| Polytech_Brooklyn | 109 | .00000000000000 | 109 | .00000000000000 | 109 | .00000000000000 |
| Rutgers_Newark | 110 | .00000000000000 | 109 | .00000000000000 | 109 | .00000000000000 |
| So_Methodist | 110 | .00000000000000 | 111 | .00000000000000 | 111 | .00000000000000 |
| MA_Boston | 112 | .00000000000000 | 112 | .00000000000000 | 112 | .00000000000000 |