

***Pseudo ranking of 112 US higher Education and research institutions in engineering sciences
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 |
|-------------------|-----------------------|-----------------------------|----------------|----------------------|---------------------|---------------------------|
| MIT | 1 | .46376486527157 | 1 | .72902591274428 | 1 | .72902588996821 |
| Stanford | 3 | .06153839762503 | 2 | .12150431879071 | 2 | .12150431499470 |
| Urbana_Champaign | 2 | .34068807002151 | 2 | .12150431879071 | 2 | .12150431499470 |
| Berkeley | 5 | .04102559841669 | 4 | .02025071979845 | 4 | .02025071916578 |
| UCLA | 10 | .00102340060448 | 5 | .00354387596473 | 5 | .00354387585401 |
| UM_Ann_Arbor | 6 | .03151149317379 | 6 | .00202507197985 | 6 | .00202507191658 |
| Georgia_Inst_Tech | 4 | .05199480009589 | 7 | .00101253598992 | 7 | .00101253595829 |
| Twin_Cities | 8 | .00254438886161 | 8 | .00075940199244 | 8 | .00075940196872 |
| Austin | 7 | .00304339410595 | 9 | .00016875599832 | 9 | .00016875599305 |
| PA_Univ_Park | 12 | .00047696548737 | 10 | .00010125359899 | 10 | .00010125359583 |
| Carnegie_Mellon | 9 | .00154312207754 | 11 | .00008437799916 | 11 | .00008437799652 |
| UCSB | 14 | .00005698323519 | 12 | .00000640434569 | 12 | .00000644956295 |
| Caltech | 16 | .00004248124040 | 13 | .00000599788487 | 13 | .00000628794534 |
| Purdue | 11 | .00054384200968 | 14 | .00000432080270 | 14 | .00000413809102 |
| Princeton | 18 | .00001080901790 | 15 | .00000106739095 | 15 | .00000107492716 |
| UCSD | 17 | .00003372055743 | 16 | .00000071159397 | 16 | .00000071661811 |
| Columbus | 13 | .00008231757215 | 17 | .00000057610703 | 17 | .00000052399544 |
| MD_Coll_Park | 15 | .00005329356549 | 18 | .00000022884986 | 18 | .00000013875012 |
| Texas_AM | 21 | .00000419098457 | 19 | .00000005294256 | 20 | .00000004815567 |
| Northwestern | 22 | .00000169341280 | 20 | .00000004516231 | 19 | .00000006420755 |
| WI_Madison | 19 | .00000979334428 | 21 | .00000003814164 | 21 | .00000003468753 |
| Cornell | 20 | .00000488347413 | 22 | .00000000602236 | 23 | .00000000433594 |
| UC_Davis | 24 | .0000003333253 | 23 | .00000000538215 | 22 | .00000000489750 |
| Florida | 23 | .00000076977206 | 24 | .00000000060281 | 24 | .00000000048445 |
| Seattle | 25 | .00000009669347 | 25 | .00000000051944 | 25 | .00000000043169 |
| USC | 27 | .00000006033144 | 26 | .00000000022995 | 26 | .00000000019134 |
| UC_Irvine | 34 | .0000000244027 | 27 | .00000000017042 | 27 | .00000000014291 |
| Harvard | 37 | .0000000044151 | 28 | .0000000006593 | 28 | .0000000005522 |
| CO_Boulder | 29 | .00000005052601 | 29 | .0000000005321 | 29 | .0000000004379 |
| Raleigh | 26 | .00000009133046 | 29 | .0000000005321 | 29 | .0000000004379 |
| Delaware | 32 | .00000000674526 | 31 | .0000000002130 | 31 | .0000000001779 |
| Virginia_Tech | 28 | .00000005663118 | 32 | .0000000000430 | 32 | .0000000000352 |
| Rensselaer | 35 | .0000000088846 | 33 | .0000000000217 | 33 | .0000000000181 |
| Columbia | 30 | .00000001093123 | 34 | .0000000000210 | 34 | .0000000000173 |
| Arizona | 33 | .0000000497466 | 35 | .0000000000083 | 35 | .0000000000068 |
| Pennsylvania | 38 | .0000000031030 | 36 | .0000000000045 | 36 | .0000000000038 |
| Iowa_State | 40 | .0000000016616 | 37 | .0000000000008 | 37 | .0000000000006 |
| New_Brunswick | 31 | .00000000919008 | 38 | .0000000000005 | 40 | .0000000000003 |
| Johns_Hopkins | 41 | .00000000010583 | 39 | .0000000000004 | 39 | .0000000000003 |

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|-------------------|-----------------------|-----------------------------|----------------|----------------------|---------------------|---------------------------|
| Michigan | 36 | .00000000048326 | 39 | .00000000000004 | 38 | .00000000000004 |
| Duke | 39 | .00000000024558 | 41 | .00000000000001 | 41 | .00000000000000 |
| Iowa | 43 | .00000000007787 | 42 | .00000000000000 | 42 | .00000000000000 |
| NYU | 48 | .00000000000591 | 43 | .00000000000000 | 43 | .00000000000000 |
| Yale | 46 | .00000000002189 | 44 | .00000000000000 | 44 | .00000000000000 |
| Brown | 54 | .00000000000055 | 45 | .00000000000000 | 45 | .00000000000000 |
| AZ_Tempe | 44 | .00000000006842 | 46 | .00000000000000 | 46 | .00000000000000 |
| CT_Storrs | 42 | .00000000008434 | 46 | .00000000000000 | 48 | .00000000000000 |
| Virginia | 45 | .00000000002780 | 48 | .00000000000000 | 47 | .00000000000000 |
| UNC | 52 | .00000000000137 | 49 | .00000000000000 | 49 | .00000000000000 |
| Florida_State | 55 | .00000000000032 | 50 | .00000000000000 | 50 | .00000000000000 |
| Utah | 47 | .00000000000704 | 51 | .00000000000000 | 51 | .00000000000000 |
| Notre_Dame | 50 | .00000000000232 | 52 | .00000000000000 | 52 | .00000000000000 |
| Rice | 51 | .00000000000168 | 53 | .00000000000000 | 53 | .00000000000000 |
| Lincoln | 53 | .00000000000115 | 54 | .00000000000000 | 54 | .00000000000000 |
| UC_Riverside | 60 | .00000000000006 | 55 | .00000000000000 | 55 | .00000000000000 |
| WU_St_Louis | 62 | .00000000000001 | 56 | .00000000000000 | 56 | .00000000000000 |
| IL_Chicago | 49 | .00000000000366 | 57 | .00000000000000 | 57 | .00000000000000 |
| Pittsburgh | 56 | .00000000000011 | 58 | .00000000000000 | 58 | .00000000000000 |
| Boston | 59 | .00000000000007 | 59 | .00000000000000 | 59 | .00000000000000 |
| Cincinnati | 57 | .00000000000011 | 60 | .00000000000000 | 60 | .00000000000000 |
| TN_Knoxville | 58 | .00000000000007 | 61 | .00000000000000 | 61 | .00000000000000 |
| Vanderbilt | 61 | .00000000000003 | 62 | .00000000000000 | 62 | .00000000000000 |
| Bloomington | 66 | .00000000000000 | 63 | .00000000000000 | 63 | .00000000000000 |
| Stony_Brook | 63 | .00000000000001 | 64 | .00000000000000 | 64 | .00000000000000 |
| Albuquerque | 65 | .00000000000000 | 65 | .00000000000000 | 65 | .00000000000000 |
| MA_Amherst | 64 | .00000000000001 | 65 | .00000000000000 | 65 | .00000000000000 |
| Georgia | 70 | .00000000000000 | 67 | .00000000000000 | 67 | .00000000000000 |
| Chicago | 69 | .00000000000000 | 68 | .00000000000000 | 68 | .00000000000000 |
| Rochester | 71 | .00000000000000 | 68 | .00000000000000 | 68 | .00000000000000 |
| Oregon_State | 72 | .00000000000000 | 70 | .00000000000000 | 70 | .00000000000000 |
| Manoa | 74 | .00000000000000 | 71 | .00000000000000 | 71 | .00000000000000 |
| CWRU | 67 | .00000000000000 | 72 | .00000000000000 | 72 | .00000000000000 |
| CO_State | 68 | .00000000000000 | 73 | .00000000000000 | 73 | .00000000000000 |
| Miami | 76 | .00000000000000 | 74 | .00000000000000 | 74 | .00000000000000 |
| Santa_Cruz | 73 | .00000000000000 | 75 | .00000000000000 | 75 | .00000000000000 |
| Polytech_Brooklyn | 75 | .00000000000000 | 76 | .00000000000000 | 76 | .00000000000000 |
| Dartmouth_Coll | 78 | .00000000000000 | 77 | .00000000000000 | 77 | .00000000000000 |
| TX_Anderson | 82 | .00000000000000 | 78 | .00000000000000 | 78 | .00000000000000 |

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