

***Pseudo ranking of 112 US higher Education and research institutions in chemistry
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	.44326295244983	1	.74925320824976	1	.74925954188353
Berkeley	1	.44326295244983	2	.18731330206244	2	.18731488547088
Northwestern	4	.01270571602752	3	.04682832551561	3	.04682872136772
Urbana_Champaign	3	.05249462395170	4	.00865733749028	4	.00851431297595
Harvard	16	.00014991454052	5	.00413191107491	5	.00425715648797
Stanford	8	.00620504500584	6	.00216433437257	6	.00212857824399
Caltech	11	.00138214132561	7	.00088540951605	7	.00091915878718
Austin	7	.00811308924542	8	.00054108359314	8	.00053214456100
Seattle	17	.00007065561648	9	.00004918941756	9	.00007256516741
Texas_AM	9	.00381608847917	10	.00004471765233	10	.00004397888934
PA_Univ_Park	5	.01144826543750	11	.00003279294504	11	.00003225118551
UM_Ann_Arbor	5	.01144826543750	11	.00003279294504	11	.00003225118551
Georgia_Inst_Tech	15	.00024668641014	13	.00002683059140	13	.00002638733360
WI_Madison	13	.00050851803039	13	.00002683059140	13	.00002638733360
Twin_Cities	9	.00381608847917	15	.00000894353047	15	.00000879577787
UCSB	14	.00034691713447	16	.00000149058841	16	.00000146596298
Pennsylvania	12	.00063601474653	17	.00000117117661	17	.00000109947223
UNC	20	.00001671410838	18	.00000011273358	18	.00000010903857
Iowa_State	19	.00002379686543	19	.00000009394465	19	.00000009086547
UCLA	24	.00000085454575	20	.00000005636679	20	.00000005451928
Yale	23	.00000137609333	21	.00000003757786	21	.00000003634619
Purdue	18	.00002435017143	22	.00000001252595	22	.00000001211540
Columbia	26	.00000055815140	23	.00000000626298	23	.00000000605770
Florida	21	.00001404037204	23	.00000000626298	23	.00000000605770
Cornell	22	.00000221738486	25	.00000000234862	25	.00000000227164
MA_Amherst	25	.00000068451733	26	.00000000019592	26	.00000000018668
UCSD	29	.00000025155048	26	.00000000019592	26	.00000000018668
Carnegie_Mellon	33	.00000003093725	28	.00000000017702	28	.00000000017686
Rice	37	.00000000773431	29	.00000000003513	29	.00000000003586
Pittsburgh	27	.00000044912047	30	.00000000002680	30	.00000000002452
Chicago	39	.00000000242969	31	.00000000001899	31	.00000000001742
Delaware	31	.00000009170905	32	.00000000000502	32	.00000000000460
UC_Riverside	36	.00000000941100	33	.00000000000317	34	.00000000000290
UC_Irvine	34	.00000002949225	34	.00000000000269	33	.00000000000369
UC_Davis	30	.00000018776123	35	.00000000000146	35	.00000000000133
Utah	32	.00000003410649	36	.00000000000050	37	.00000000000034
Notre_Dame	38	.00000000484501	37	.00000000000041	36	.00000000000038
Raleigh	35	.00000001992017	38	.00000000000037	37	.00000000000034
Columbus	28	.00000034913733	39	.00000000000010	39	.00000000000010

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Virginia	40	.00000000191085	40	.00000000000003	41	.00000000000003
Duke	52	.00000000001810	41	.00000000000003	40	.00000000000003
Johns_Hopkins	41	.00000000153377	42	.00000000000001	42	.00000000000001
MD_Coll_Park	44	.00000000017260	43	.00000000000001	43	.00000000000001
USC	50	.00000000002549	44	.00000000000000	44	.00000000000000
Michigan	43	.00000000023509	45	.00000000000000	45	.00000000000000
AZ_Tempe	49	.00000000004315	46	.00000000000000	46	.00000000000000
CO_State	48	.00000000007223	47	.00000000000000	47	.00000000000000
Boston_Coll	58	.00000000000215	48	.00000000000000	48	.00000000000000
Princeton	42	.00000000044539	49	.00000000000000	49	.00000000000000
TN_Knoxville	53	.00000000001311	50	.00000000000000	50	.00000000000000
Virginia_Tech	46	.00000000010751	50	.00000000000000	50	.00000000000000
Rochester	59	.00000000000168	52	.00000000000000	52	.00000000000000
Emory	47	.00000000010148	53	.00000000000000	53	.00000000000000
Bloomington	45	.00000000014325	54	.00000000000000	54	.00000000000000
New_Brunswick	56	.00000000000349	55	.00000000000000	56	.00000000000000
WU_St_Louis	54	.00000000000683	56	.00000000000000	55	.00000000000000
Georgia	60	.00000000000111	57	.00000000000000	57	.00000000000000
Rensselaer	63	.00000000000049	58	.00000000000000	58	.00000000000000
CT_Storrs	51	.00000000001832	59	.00000000000000	59	.00000000000000
Albuquerque	67	.00000000000006	60	.00000000000000	60	.00000000000000
IL_Chicago	55	.00000000000558	61	.00000000000000	61	.00000000000000
CO_Boulder	64	.00000000000046	62	.00000000000000	62	.00000000000000
Cincinnati	65	.00000000000030	63	.00000000000000	63	.00000000000000
CWRU	57	.00000000000306	64	.00000000000000	66	.00000000000000
Stony_Brook	61	.00000000000105	65	.00000000000000	65	.00000000000000
Florida_State	69	.00000000000005	66	.00000000000000	64	.00000000000000
Arizona	62	.00000000000080	67	.00000000000000	67	.00000000000000
Boston	68	.00000000000005	68	.00000000000000	68	.00000000000000
MD_Baltimore	71	.00000000000001	69	.00000000000000	69	.00000000000000
Vanderbilt	66	.00000000000017	70	.00000000000000	71	.00000000000000
Miami	72	.00000000000001	71	.00000000000000	70	.00000000000000
NYU	73	.00000000000001	72	.00000000000000	72	.00000000000000
Iowa	70	.00000000000001	73	.00000000000000	73	.00000000000000
Brown	76	.00000000000000	74	.00000000000000	74	.00000000000000
Brandeis	78	.00000000000000	75	.00000000000000	75	.00000000000000
Lincoln	74	.00000000000000	76	.00000000000000	76	.00000000000000
Yeshiva	82	.00000000000000	77	.00000000000000	77	.00000000000000
Oregon	81	.00000000000000	78	.00000000000000	77	.00000000000000

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UCSF	75	.00000000000000	79	.00000000000000	79	.00000000000000
Tufts	79	.00000000000000	80	.00000000000000	80	.00000000000000
Rockefeller	89	.00000000000000	81	.00000000000000	81	.00000000000000
Texas_SW_Med_Center	80	.00000000000000	82	.00000000000000	82	.00000000000000
Santa_Cruz	77	.00000000000000	83	.00000000000000	83	.00000000000000
Virginia_Comm	83	.00000000000000	84	.00000000000000	84	.00000000000000
Birmingham	86	.00000000000000	85	.00000000000000	85	.00000000000000
Manoa	87	.00000000000000	86	.00000000000000	86	.00000000000000
Polytech_Brooklyn	85	.00000000000000	87	.00000000000000	87	.00000000000000
Oregon_State	84	.00000000000000	88	.00000000000000	88	.00000000000000
Rutgers_Newark	92	.00000000000000	89	.00000000000000	89	.00000000000000
TX_Anderson	93	.00000000000000	89	.00000000000000	90	.00000000000000
CO_Health	90	.00000000000000	91	.00000000000000	91	.00000000000000
Dartmouth_Coll	88	.00000000000000	92	.00000000000000	92	.00000000000000
Wake_Forest	91	.00000000000000	93	.00000000000000	93	.00000000000000
NE_Med	98	.00000000000000	94	.00000000000000	94	.00000000000000
Mayo_Coll_Med	96	.00000000000000	95	.00000000000000	95	.00000000000000
George_Mason	100	.00000000000000	96	.00000000000000	96	.00000000000000
CUNY	94	.00000000000000	97	.00000000000000	97	.00000000000000
CT_Health	97	.00000000000000	98	.00000000000000	98	.00000000000000
George_Washington	95	.00000000000000	99	.00000000000000	99	.00000000000000
SUNY_Albany	99	.00000000000000	100	.00000000000000	100	.00000000000000
So_Methodist	107	.00000000000000	101	.00000000000000	101	.00000000000000
TN_Health	101	.00000000000000	102	.00000000000000	106	.00000000000000
Baylor_Coll_Med	106	.00000000000000	103	.00000000000000	102	.00000000000000
Mt_Sinai	105	.00000000000000	103	.00000000000000	102	.00000000000000
OR_Health_Sci	103	.00000000000000	103	.00000000000000	102	.00000000000000
UMDNJ	102	.00000000000000	103	.00000000000000	102	.00000000000000
WI_Med_Coll	104	.00000000000000	107	.00000000000000	107	.00000000000000
MA_Boston	108	.00000000000000	108	.00000000000000	108	.00000000000000
Health_Houston	110	.00000000000000	109	.00000000000000	109	.00000000000000
TX_Health_SA	109	.00000000000000	110	.00000000000000	110	.00000000000000
MA_Med_Sch	111	.00000000000000	111	.00000000000000	111	.00000000000000
SUNY_Health_Brooklyn	112	.00000000000000	112	.00000000000000	112	.00000000000000