

***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 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	2	.21406021857145	1	.44863558348573	1	.44871474660988
MIT	1	.57850049850612	1	.44863558348573	1	.44871474660988
Northwestern	3	.11453753996813	3	.07477259724762	3	.07478579110165
Harvard	10	.00207917074923	4	.01246209954127	4	.01246429851694
Urbana_Champaign	7	.00754482766727	4	.01246209954127	4	.01246429851694
Stanford	5	.01622232562797	6	.00166161327217	6	.00207738308616
UM_Ann_Arbor	4	.04190653313965	7	.00083080663608	7	.00034623051436
Caltech	13	.00106869289564	8	.00041540331804	7	.00034623051436
Texas_AM	9	.00250247689413	9	.00004154033180	9	.00002885254286
Austin	11	.00180781207515	10	.00003115524885	10	.00002163940715
UCSB	11	.00180781207515	10	.00003115524885	10	.00002163940715
PA_Univ_Park	8	.00750743068240	12	.00001038508295	12	.00000721313572
Georgia_Inst_Tech	17	.00009282012273	13	.00000346169432	13	.00000240437857
WI_Madison	18	.00008521191595	13	.00000346169432	13	.00000240437857
Twin_Cities	6	.00913431808858	15	.00000259627074	15	.00000180328393
Cornell	16	.00011048117036	16	.00000031018213	16	.00000021553439
Seattle	21	.00000810125886	17	.00000004698520	17	.00000003263037
UCLA	22	.00000554613029	18	.00000003980934	18	.00000002769232
Iowa_State	14	.00081344370309	19	.00000002870343	19	.00000001975220
Purdue	15	.00011779359504	20	.00000002131133	20	.00000001481415
Pennsylvania	26	.00000055506300	21	.00000000663489	21	.00000000461539
UC_Davis	19	.00007329979613	22	.00000000205025	22	.00000000141087
UNC	25	.00000063105640	23	.00000000099423	23	.00000000070544
Columbia	39	.0000000080486	24	.00000000096153	24	.00000000066168
Yale	35	.00000000134691	25	.00000000007059	25	.00000000004858
Florida	23	.00000274599255	26	.00000000006613	26	.00000000004551
UCSD	24	.00000083964003	27	.00000000004960	27	.00000000003413
UC_Irvine	29	.00000008876946	28	.00000000003530	28	.00000000002429
MA_Amherst	20	.00000834206546	29	.00000000001966	30	.00000000000827
Rice	42	.00000000033673	30	.00000000001765	29	.00000000001214
Columbus	28	.00000014517340	31	.00000000000513	31	.00000000000353
Chicago	34	.00000000171504	32	.00000000000157	32	.00000000000108
Johns_Hopkins	31	.000000001563875	32	.00000000000157	32	.00000000000108
Michigan	30	.00000001950370	34	.00000000000035	34	.00000000000024
Utah	32	.00000000242970	35	.00000000000023	35	.00000000000016
Raleigh	27	.00000024900036	36	.00000000000006	36	.00000000000004
UC_Riverside	41	.00000000060687	37	.00000000000004	37	.00000000000003
Delaware	38	.00000000093489	38	.00000000000003	38	.00000000000002

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Bloomington	46	.0000000004505	39	.0000000000000	39	.0000000000000
Princeton	40	.0000000070991	40	.0000000000000	40	.0000000000000
Duke	52	.0000000000155	41	.0000000000000	41	.0000000000000
Pittsburgh	37	.0000000108035	42	.0000000000000	42	.0000000000000
MD_Coll_Park	53	.0000000000141	43	.0000000000000	43	.0000000000000
Notre_Dame	36	.0000000114648	44	.0000000000000	44	.0000000000000
CO_State	44	.0000000005766	45	.0000000000000	45	.0000000000000
Rochester	57	.0000000000018	46	.0000000000000	46	.0000000000000
Carnegie_Mellon	33	.0000000186727	47	.0000000000000	48	.0000000000000
Virginia	43	.0000000026830	48	.0000000000000	47	.0000000000000
USC	48	.0000000001198	49	.0000000000000	49	.0000000000000
Boston_Coll	62	.0000000000003	50	.0000000000000	50	.0000000000000
CWRU	47	.0000000003275	51	.0000000000000	51	.0000000000000
Arizona	51	.0000000000164	52	.0000000000000	52	.0000000000000
New_Brunswick	54	.0000000000136	53	.0000000000000	53	.0000000000000
AZ_Tempe	55	.0000000000047	54	.0000000000000	54	.0000000000000
CT_Storrs	45	.0000000005701	55	.0000000000000	55	.0000000000000
Georgia	56	.0000000000023	56	.0000000000000	56	.0000000000000
CO_Boulder	49	.0000000000297	57	.0000000000000	57	.0000000000000
IL_Chicago	65	.0000000000000	58	.0000000000000	58	.0000000000000
Rensselaer	61	.0000000000003	59	.0000000000000	59	.0000000000000
Virginia_Tech	50	.0000000000176	60	.0000000000000	60	.0000000000000
Florida_State	58	.0000000000006	61	.0000000000000	61	.0000000000000
Emory	60	.0000000000004	62	.0000000000000	62	.0000000000000
Vanderbilt	64	.0000000000000	63	.0000000000000	63	.0000000000000
Stony_Brook	59	.0000000000006	64	.0000000000000	64	.0000000000000
Boston	68	.0000000000000	65	.0000000000000	65	.0000000000000
Albuquerque	67	.0000000000000	66	.0000000000000	66	.0000000000000
TN_Knoxville	63	.0000000000001	67	.0000000000000	67	.0000000000000
NYU	71	.0000000000000	68	.0000000000000	68	.0000000000000
Cincinnati	66	.0000000000000	69	.0000000000000	69	.0000000000000
Lincoln	70	.0000000000000	70	.0000000000000	70	.0000000000000
WU_St_Louis	76	.0000000000000	71	.0000000000000	71	.0000000000000
UCSF	80	.0000000000000	72	.0000000000000	72	.0000000000000
Oregon	72	.0000000000000	73	.0000000000000	73	.0000000000000
Tufts	73	.0000000000000	73	.0000000000000	73	.0000000000000
Iowa	69	.0000000000000	75	.0000000000000	75	.0000000000000
Brown	75	.0000000000000	76	.0000000000000	76	.0000000000000

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Yeshiva	83	.0000000000000000	77	.0000000000000000	77	.0000000000000000
Virginia_Comm	74	.0000000000000000	78	.0000000000000000	78	.0000000000000000
Texas_SW_Med_Center	79	.0000000000000000	79	.0000000000000000	79	.0000000000000000
MD_Baltimore	88	.0000000000000000	80	.0000000000000000	80	.0000000000000000
Santa_Cruz	78	.0000000000000000	81	.0000000000000000	81	.0000000000000000
Miami	81	.0000000000000000	82	.0000000000000000	82	.0000000000000000
Oregon_State	85	.0000000000000000	83	.0000000000000000	83	.0000000000000000
Rockefeller	85	.0000000000000000	84	.0000000000000000	84	.0000000000000000
Polytech_Brooklyn	77	.0000000000000000	85	.0000000000000000	85	.0000000000000000
Dartmouth_Coll	82	.0000000000000000	86	.0000000000000000	86	.0000000000000000
Brandeis	85	.0000000000000000	87	.0000000000000000	87	.0000000000000000
Wake_Forest	90	.0000000000000000	88	.0000000000000000	88	.0000000000000000
George_Washington	84	.0000000000000000	89	.0000000000000000	89	.0000000000000000
SUNY_Albany	89	.0000000000000000	90	.0000000000000000	91	.0000000000000000
Rutgers_Newark	93	.0000000000000000	91	.0000000000000000	90	.0000000000000000
Mayo_Coll_Med	91	.0000000000000000	92	.0000000000000000	92	.0000000000000000
OR_Health_Sci	96	.0000000000000000	93	.0000000000000000	93	.0000000000000000
Birmingham	92	.0000000000000000	94	.0000000000000000	94	.0000000000000000
CT_Health	100	.0000000000000000	95	.0000000000000000	95	.0000000000000000
CO_Health	94	.0000000000000000	96	.0000000000000000	96	.0000000000000000
Baylor_Coll_Med	102	.0000000000000000	97	.0000000000000000	97	.0000000000000000
CUNY	97	.0000000000000000	98	.0000000000000000	98	.0000000000000000
Manoa	98	.0000000000000000	99	.0000000000000000	99	.0000000000000000
UMDNJ	105	.0000000000000000	100	.0000000000000000	100	.0000000000000000
So_Methodist	95	.0000000000000000	101	.0000000000000000	101	.0000000000000000
NE_Med	108	.0000000000000000	102	.0000000000000000	102	.0000000000000000
TN_Health	99	.0000000000000000	103	.0000000000000000	103	.0000000000000000
George_Mason	101	.0000000000000000	104	.0000000000000000	104	.0000000000000000
Mt_Sinai	104	.0000000000000000	105	.0000000000000000	105	.0000000000000000
WI_Med_Coll	103	.0000000000000000	106	.0000000000000000	106	.0000000000000000
Health_Houston	109	.0000000000000000	107	.0000000000000000	107	.0000000000000000
TX_Anderson	107	.0000000000000000	108	.0000000000000000	108	.0000000000000000
MA_Boston	110	.0000000000000000	109	.0000000000000000	109	.0000000000000000
TX_Health_SA	106	.0000000000000000	109	.0000000000000000	109	.0000000000000000
MA_Med_Sch	111	.0000000000000000	111	.0000000000000000	111	.0000000000000000
SUNY_Health_Brooklyn	112	.0000000000000000	111	.0000000000000000	111	.0000000000000000