

**Table 1: Effect of Multiple Authored Articles from *Nature* using FC and AC**

Top 10 in FC and AC out of 200					
FC- Fractional Count; AC- Article Count					
Institution	Country	FC 2015-2018	FC Rank	AC 2015-2018	AC Rank
National Institute for Nuclear Physics (INFN) Istituto Nazionale di Fisica Nucleare	Italy	44.59	1	567	1
Helmholtz Association of German Research Centres	Germany	24.95	2	486	3
European Organization for Nuclear Research (CERN)	Switzerland	24.61	3	446	5
Max Planck Society	Germany	18.31	4	443	6
Chinese Academy of Sciences (CAS)	China	11.28	5	379	14
National Research Center Kurchatov Institute	Russia	10.25	6	460	4
Stanford University	USA	9.87	7	260	43
University of Tokyo	Japan	9.45	8	325	19
Fermi National Accelerator Laboratory (Fermilab- US Dept of Energy)	USA	9.19	9	178	129
Russian Academy of Sciences	Russia	8.77	10	501	2
Science & Technology Facilities Council (STFC)	UK	4.14	40	430	7
Sapienza University of Rome	Italy	2.08	137	423	8
Joint Institute for Nuclear Research	Russia	7.91	11	419	9
The French Alternative Energies & Atomic Energy Commission (CEA)					
Commissariat à l'Énergie Atomique et aux Énergies	France	7.14	14	415	10

14 Institutions in top 10 of FC or AC; 10 from Europe, 2 each from USA and Asia

6 in top ten in FC and AC

USA leads overall with 79 followed by Germany with 23. Japan is tops in as with 9 out of 21 Asia/Pac institutions

3 universities; Check the full rankings for unis that are listed & do research in conjunction with government agencies

<https://www.natureindex.com/supplements/nature-index-2019-collaboration-and-big-science/tables/top200-physics-and-astronomy>