

Research in Brazil: Funding Excellence

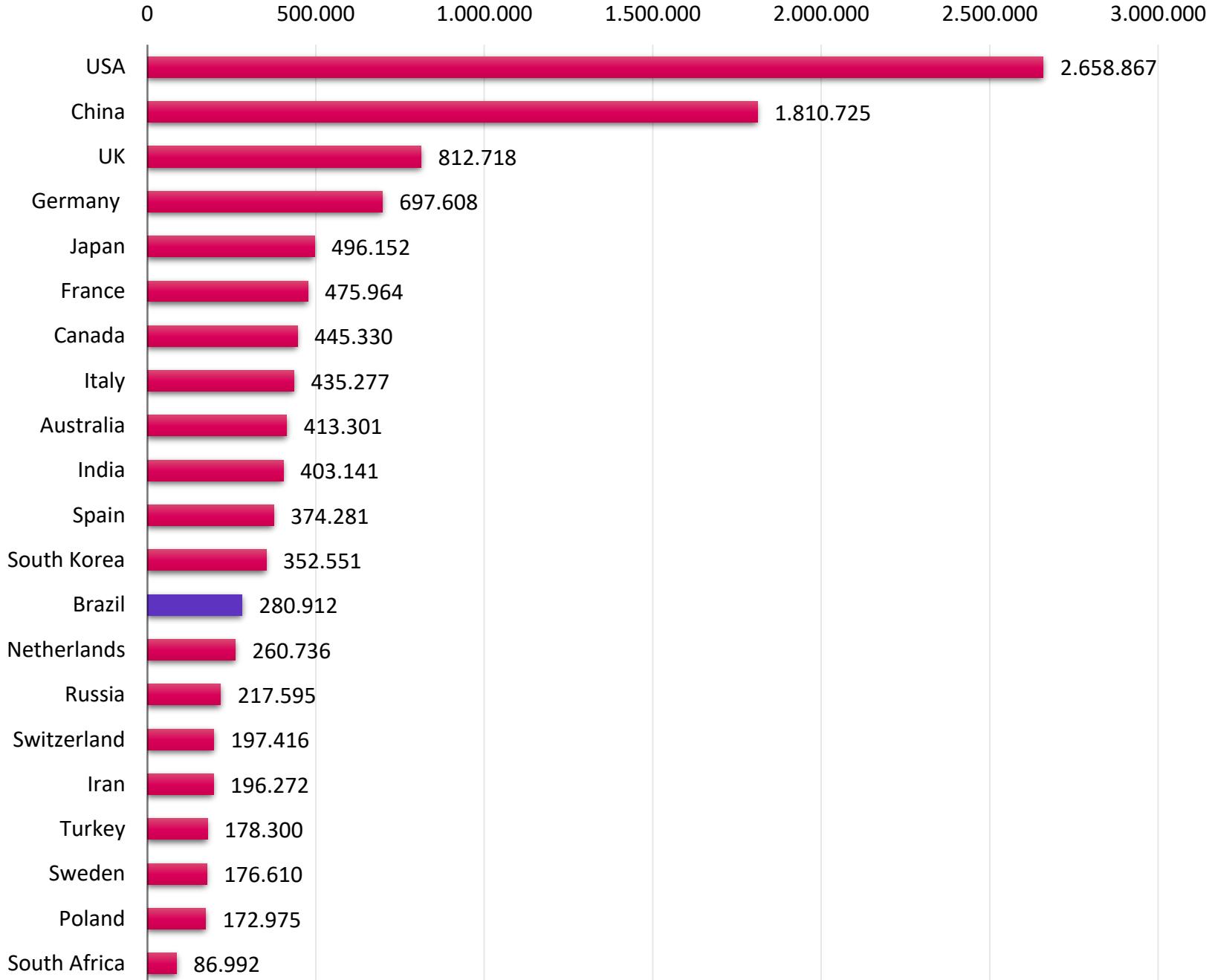
September 4, 2019

Research Output indexed in *Web of Science*

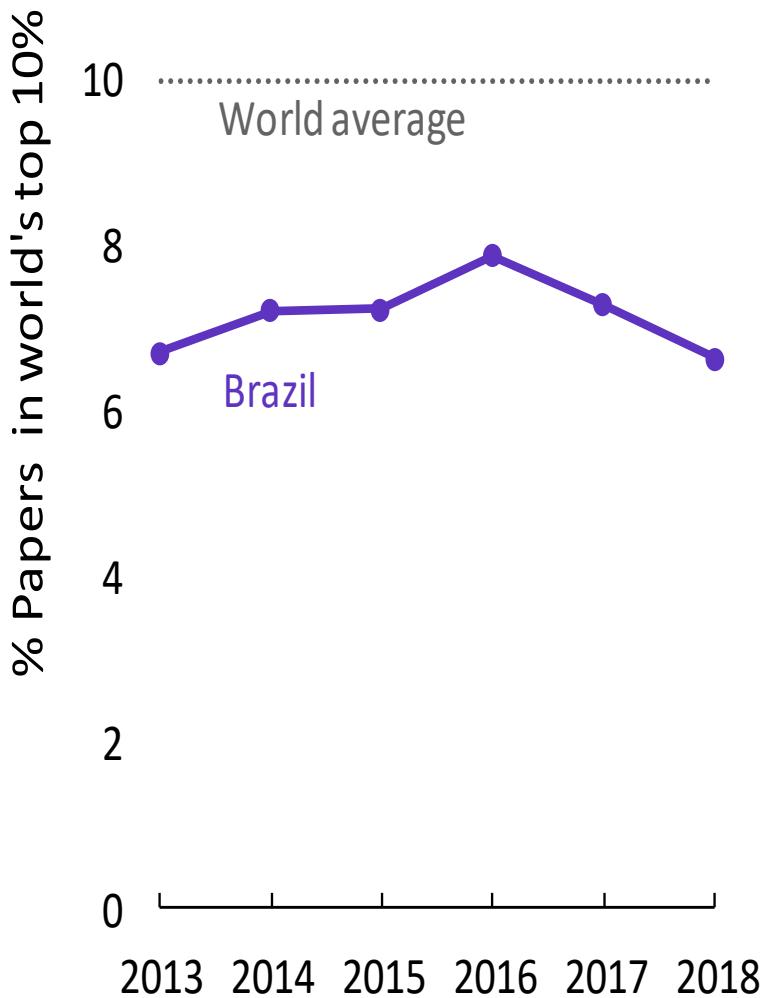
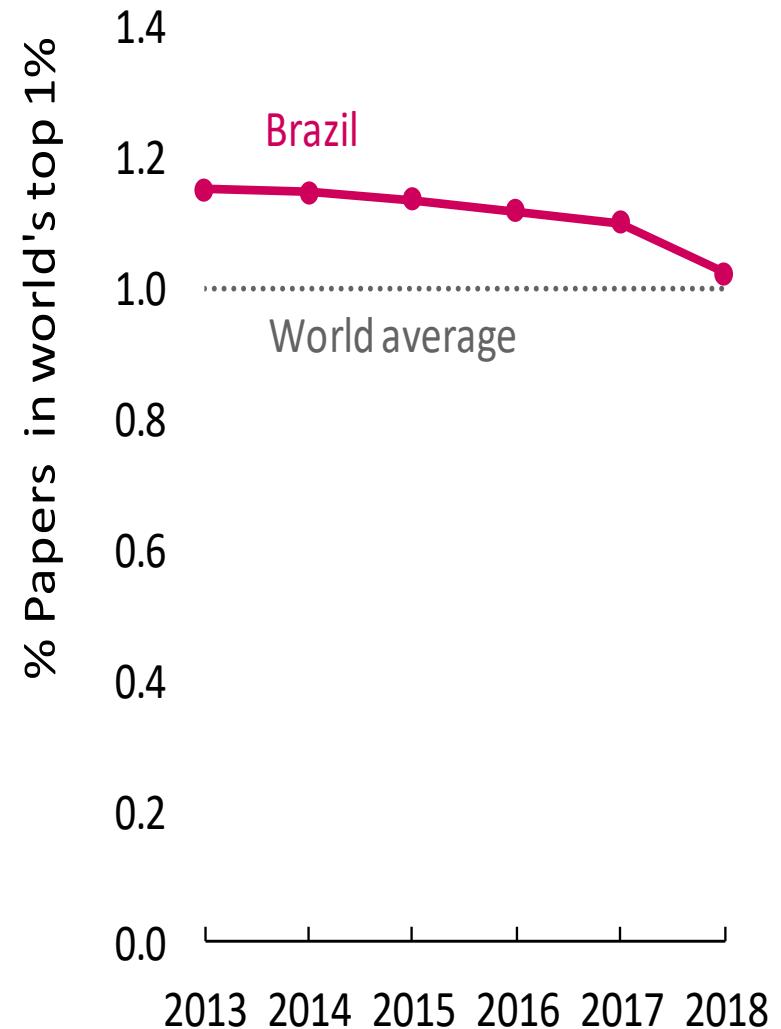
Papers added
2013 – 2018

Brazil ranks 13th

PAPERS

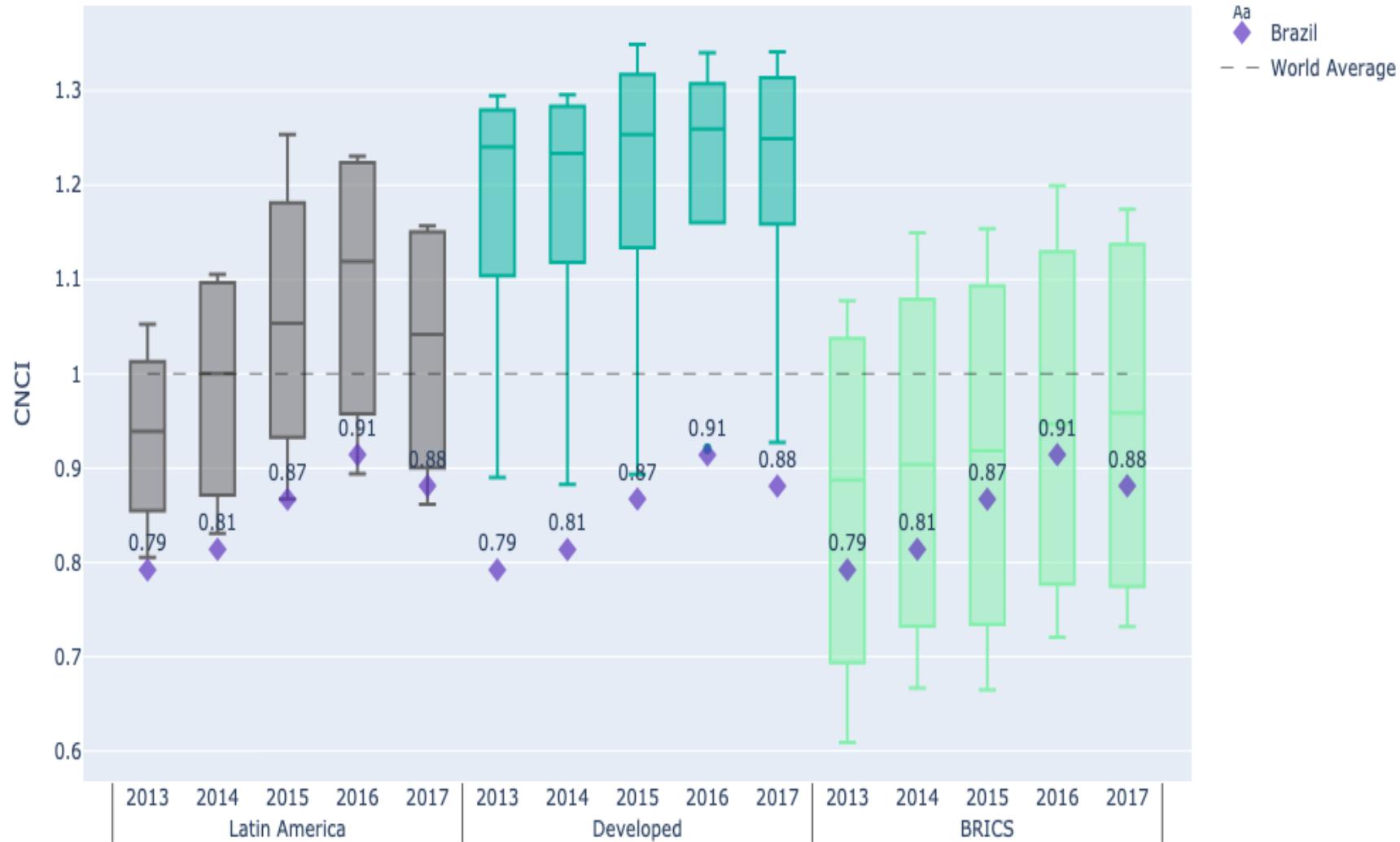


Category normalized citation impact

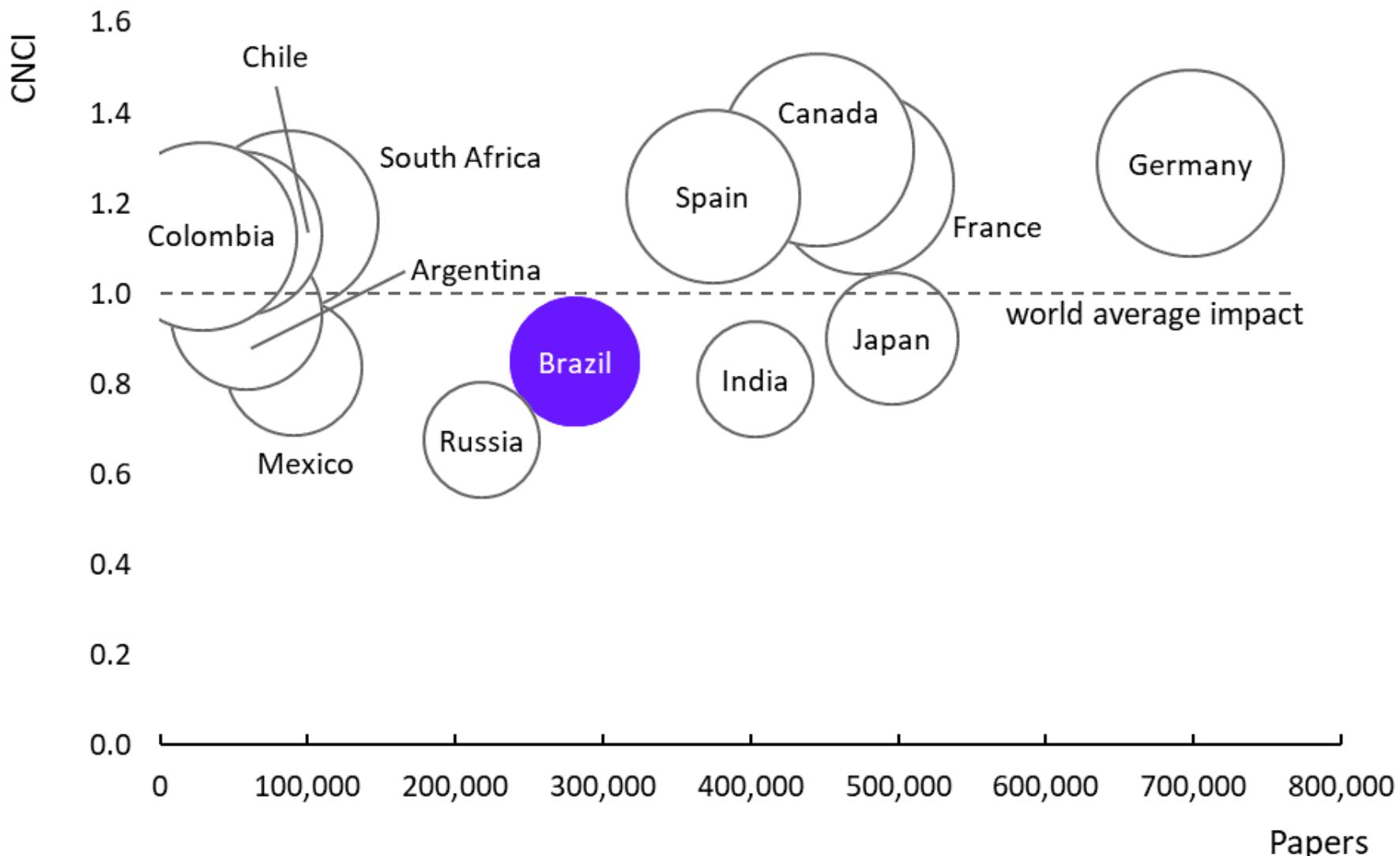


Category Normalized Citation Impact for Brazil and comparator countries

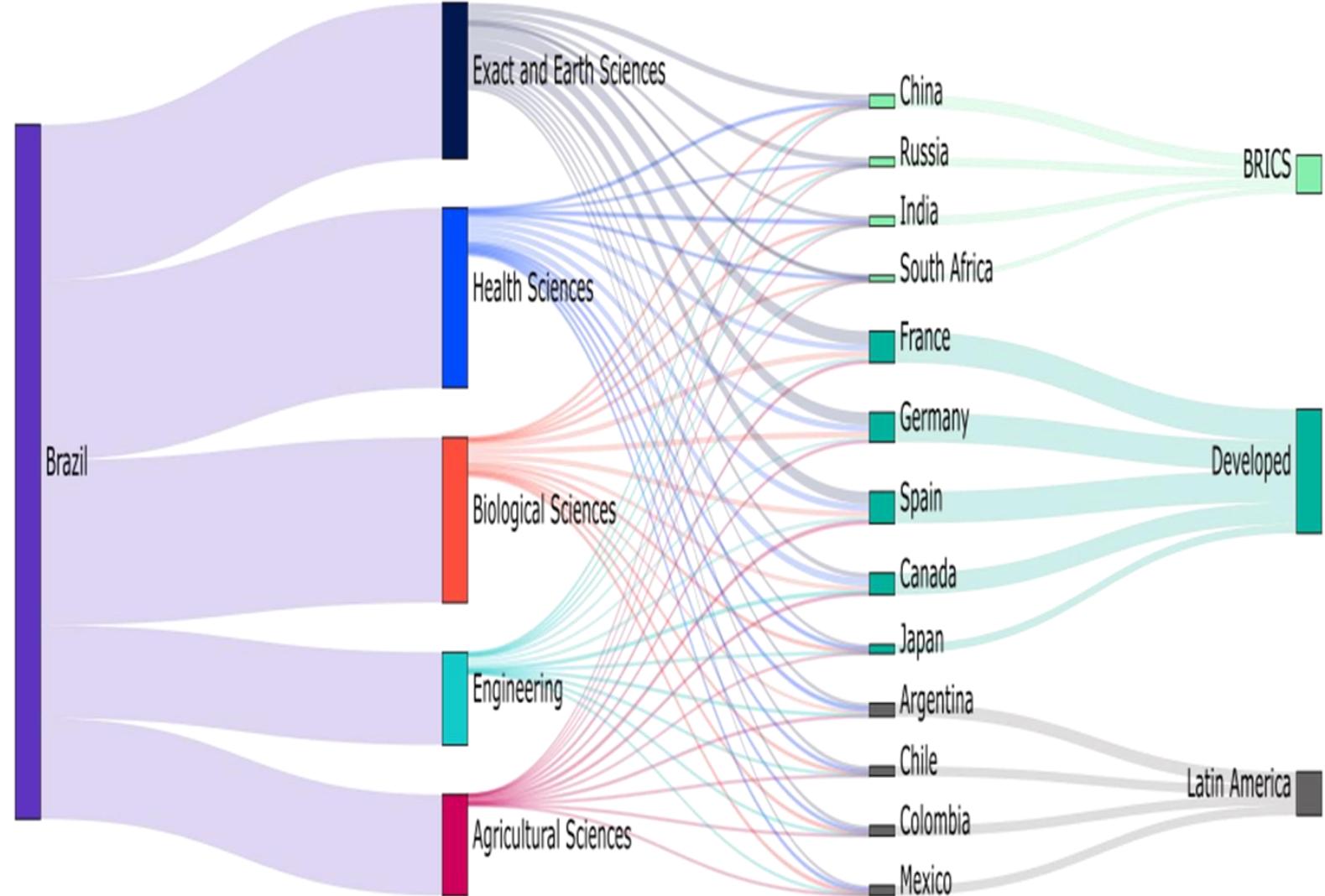
2013 – 2017.



Output and Category Normalized Citation Impact of comparator countries excluding China.



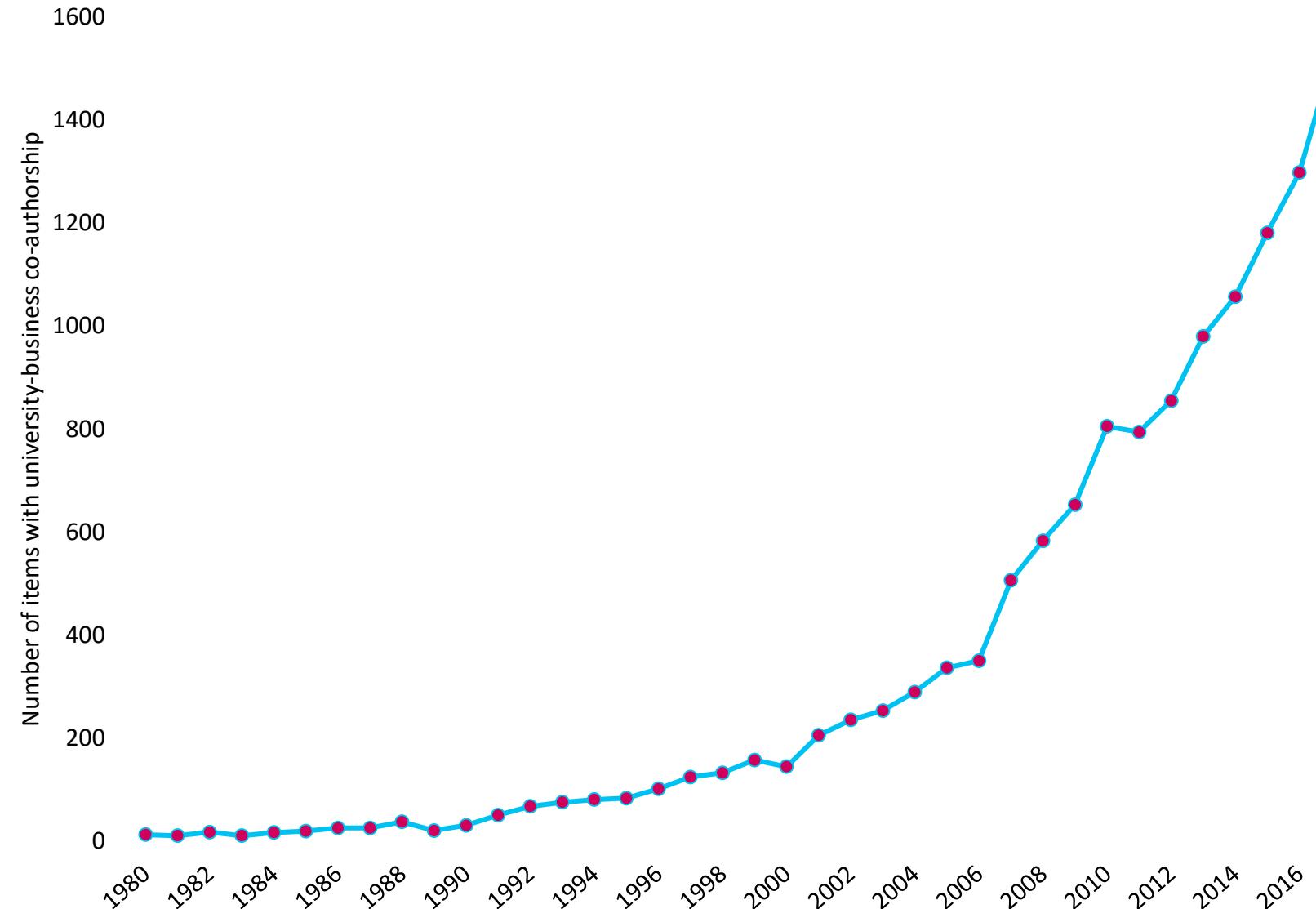
International collaboration with select countries by select CAPES research categories



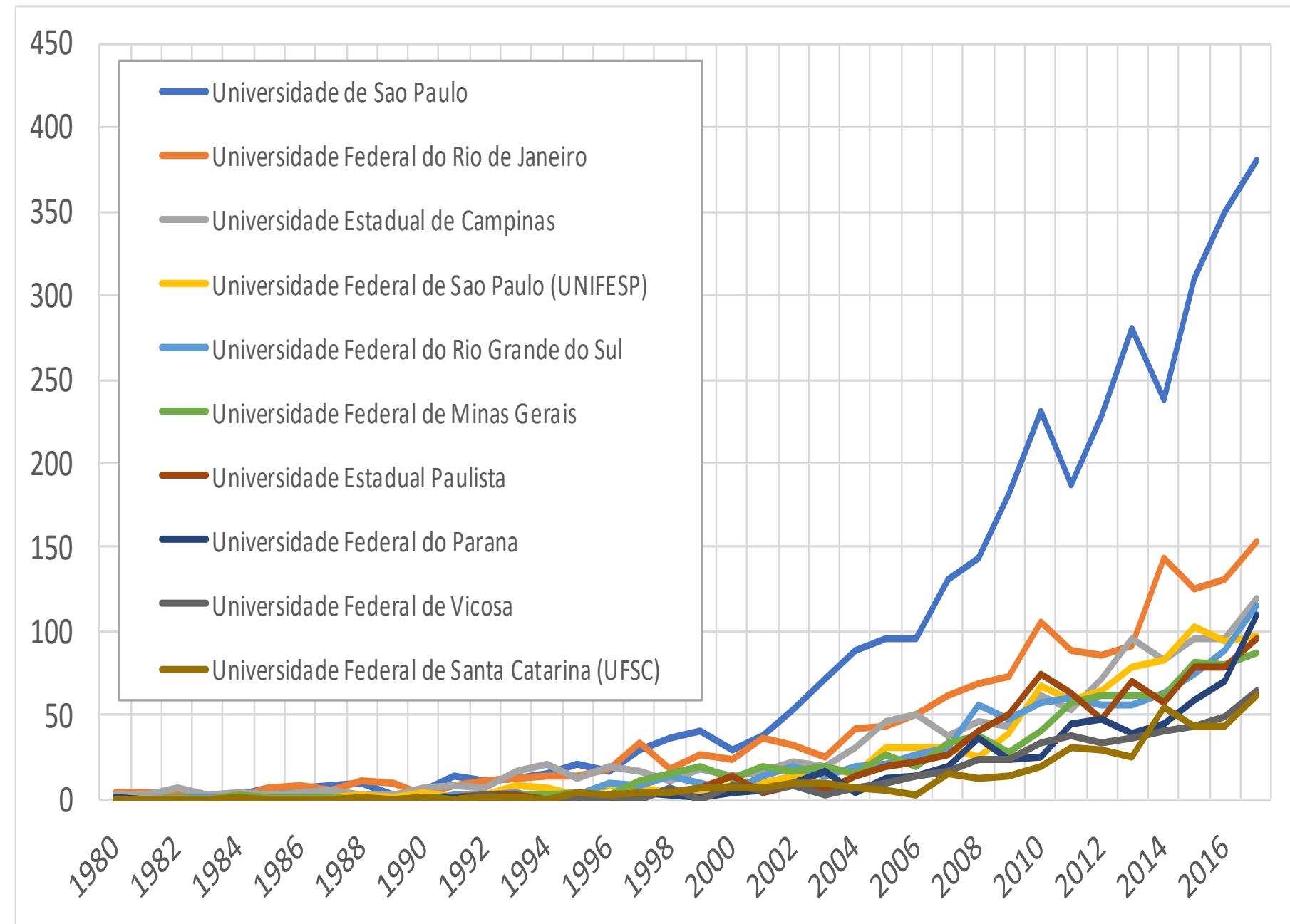
Category Normalized Citation Impact of Brazilian papers with co-authors from select countries by research category



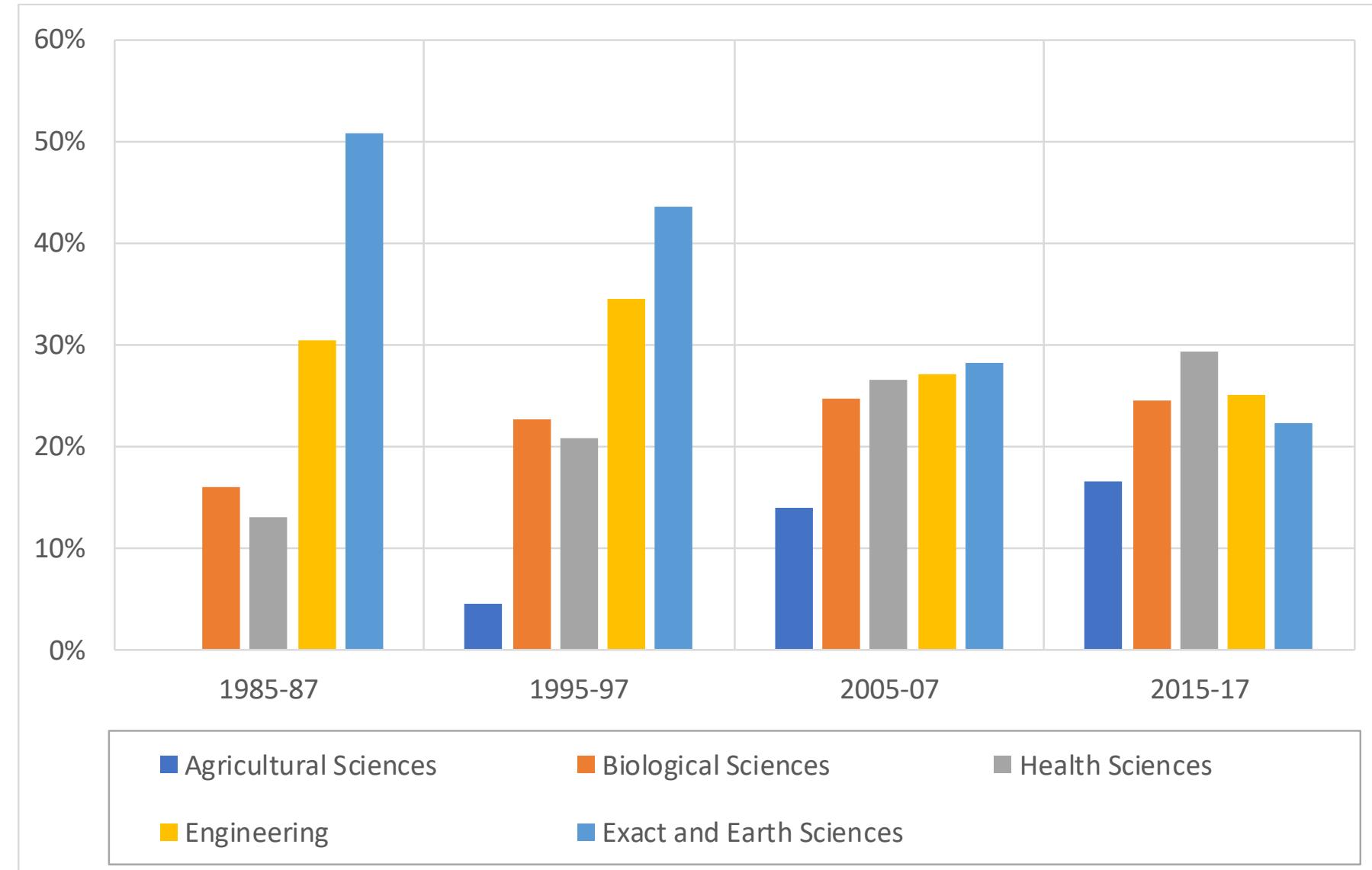
Number of *Web of Science* items with at least one author in a university in Brazil and at least one co- author from industry



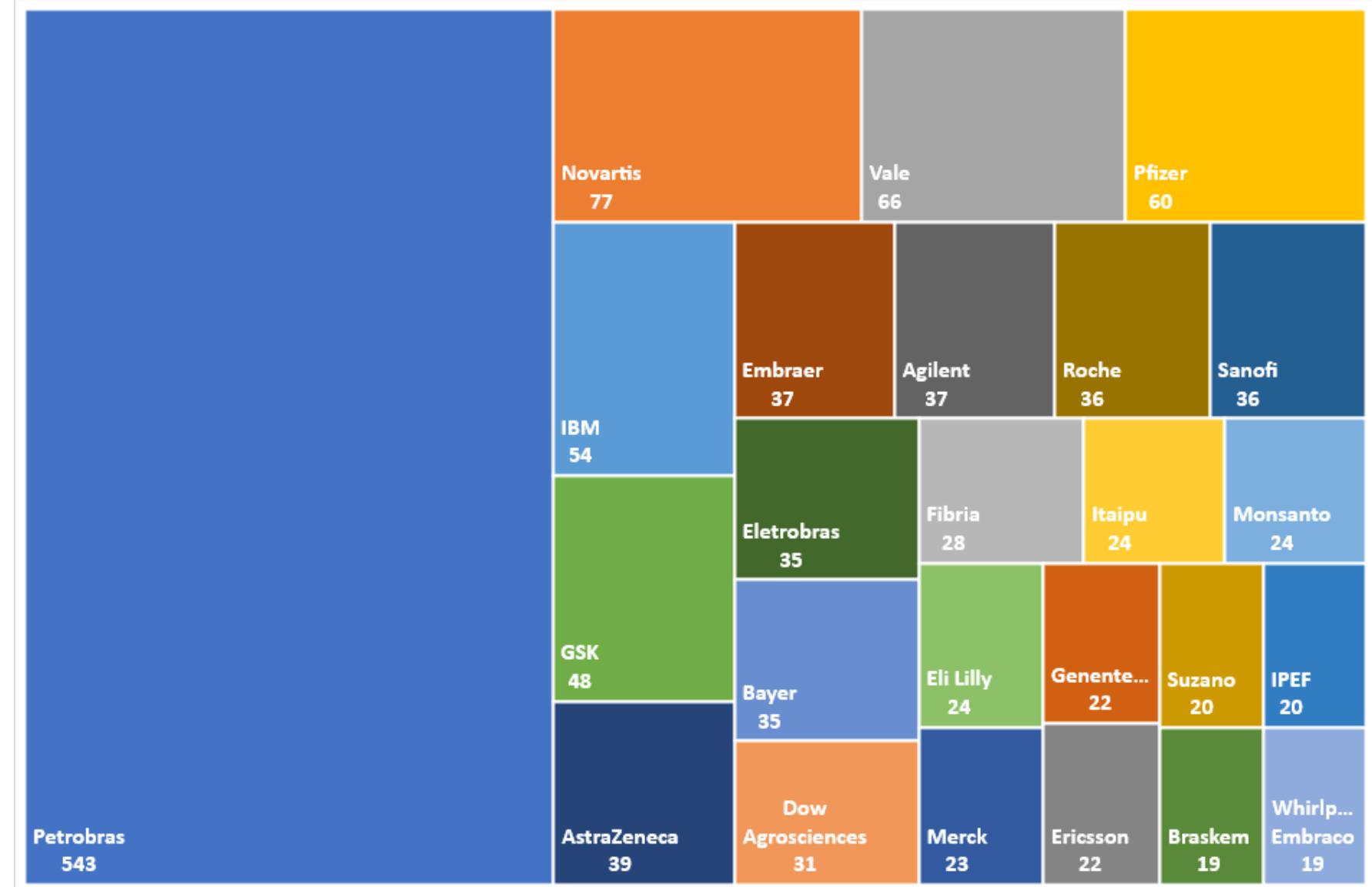
Number of *Web of Science* items with at least one author in a university in Brazil and at least one co- author from industry



Classification of the co- authored publications by researchers in universities and industry in Brazil



The 25 companies with the largest number of co-authored publications with researchers in universities 2015-2017



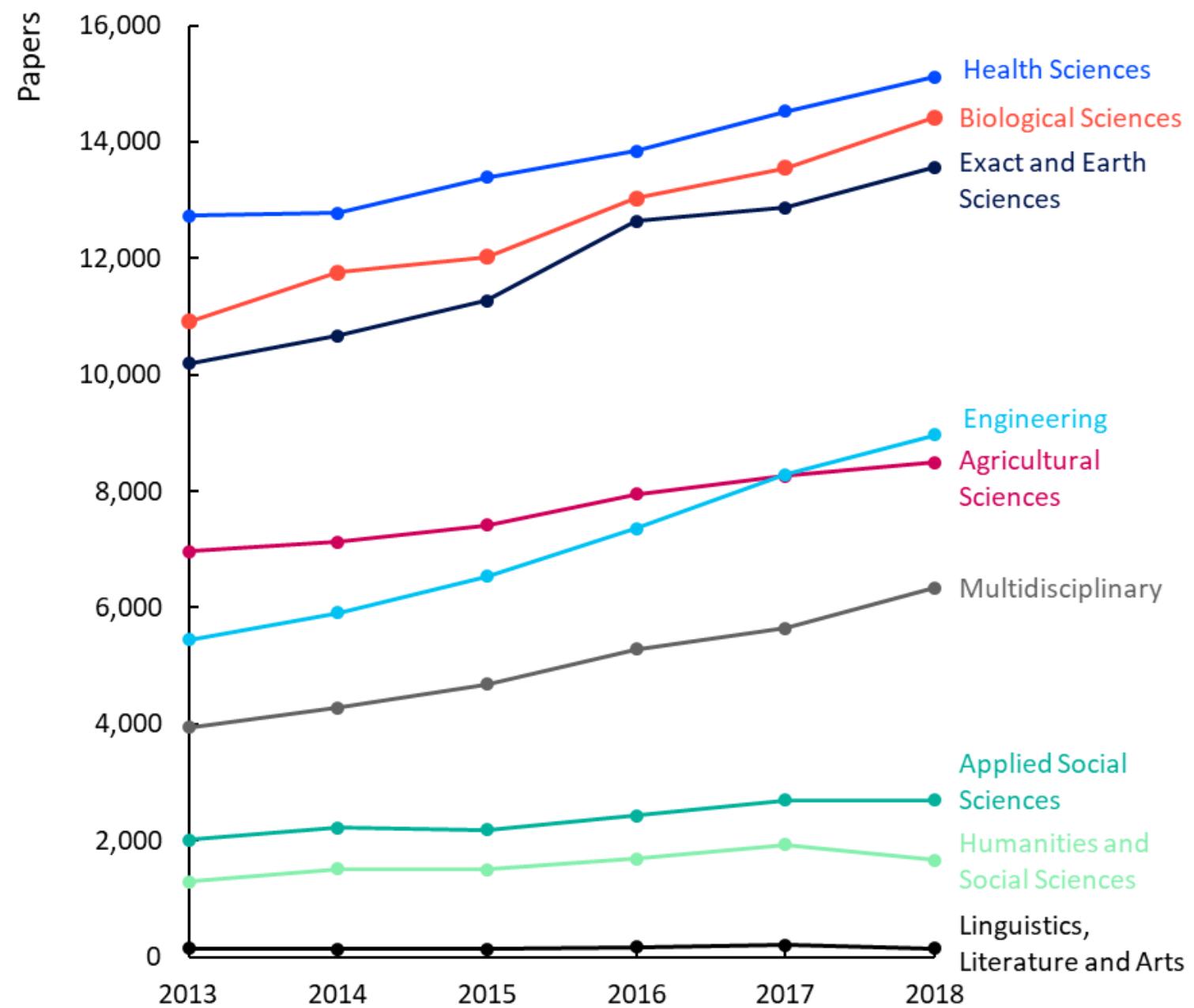
Output and Category Normalized Citation Impact of Brazilian papers in select CAPES categories

2013 - 2018

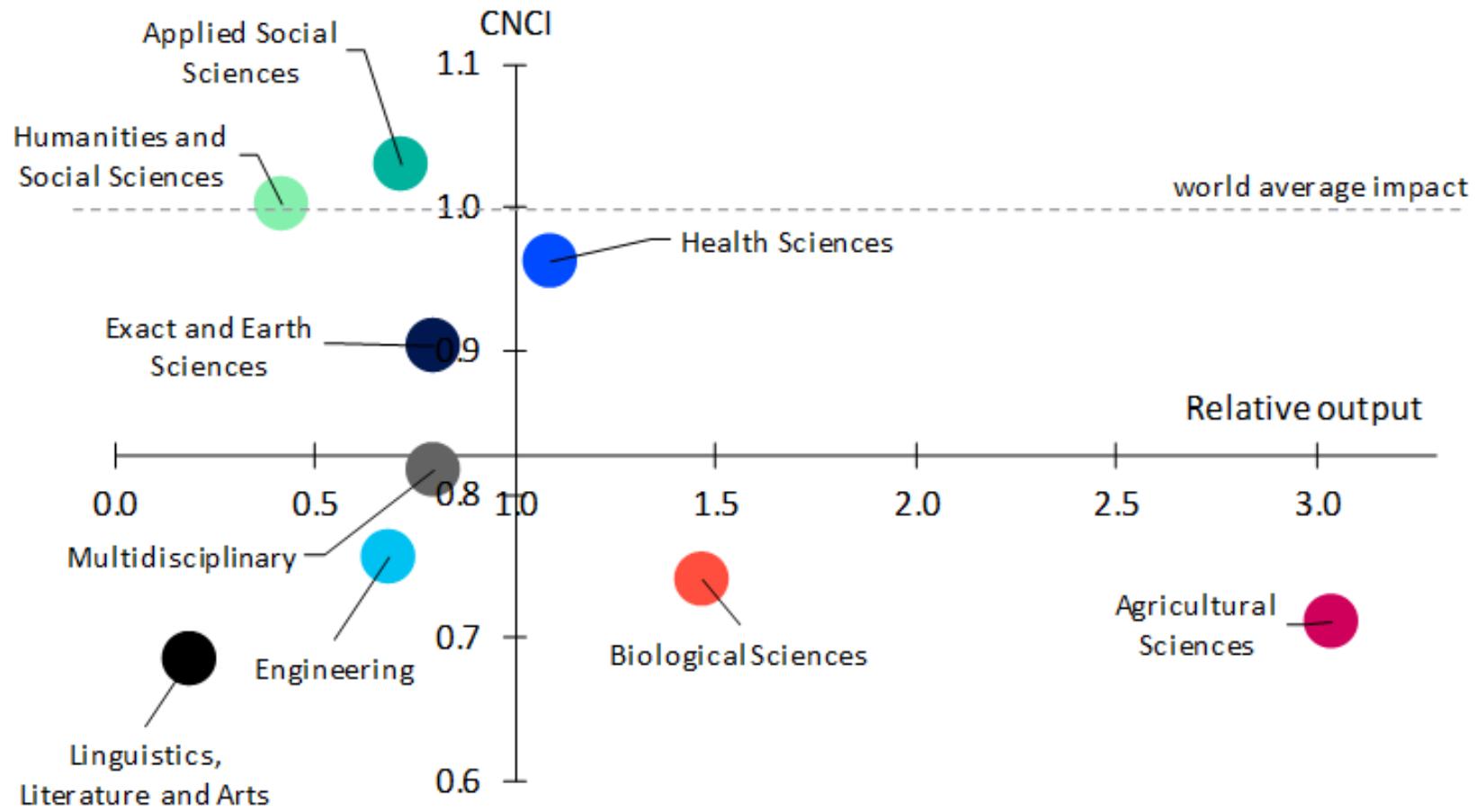
Research Area	Papers	CNCI	% International Collaborations
Health Sciences	82,406	0.96	34.7
Biological Sciences	75,717	0.74	37.0
Exact and Earth Sciences	71,214	0.90	45.1
Agricultural Sciences	46,222	0.71	21.7
Engineering	42,506	0.76	37.1
Multidisciplinary	30,190	0.82	39.5
Applied Social Sciences	14,229	1.03	30.1
Humanities and Social Sciences	9,581	1.00	30.5
Linguistics, Literature and Arts	953	0.68	19.1

Trends in the number of papers published annually in different CAPES research categories

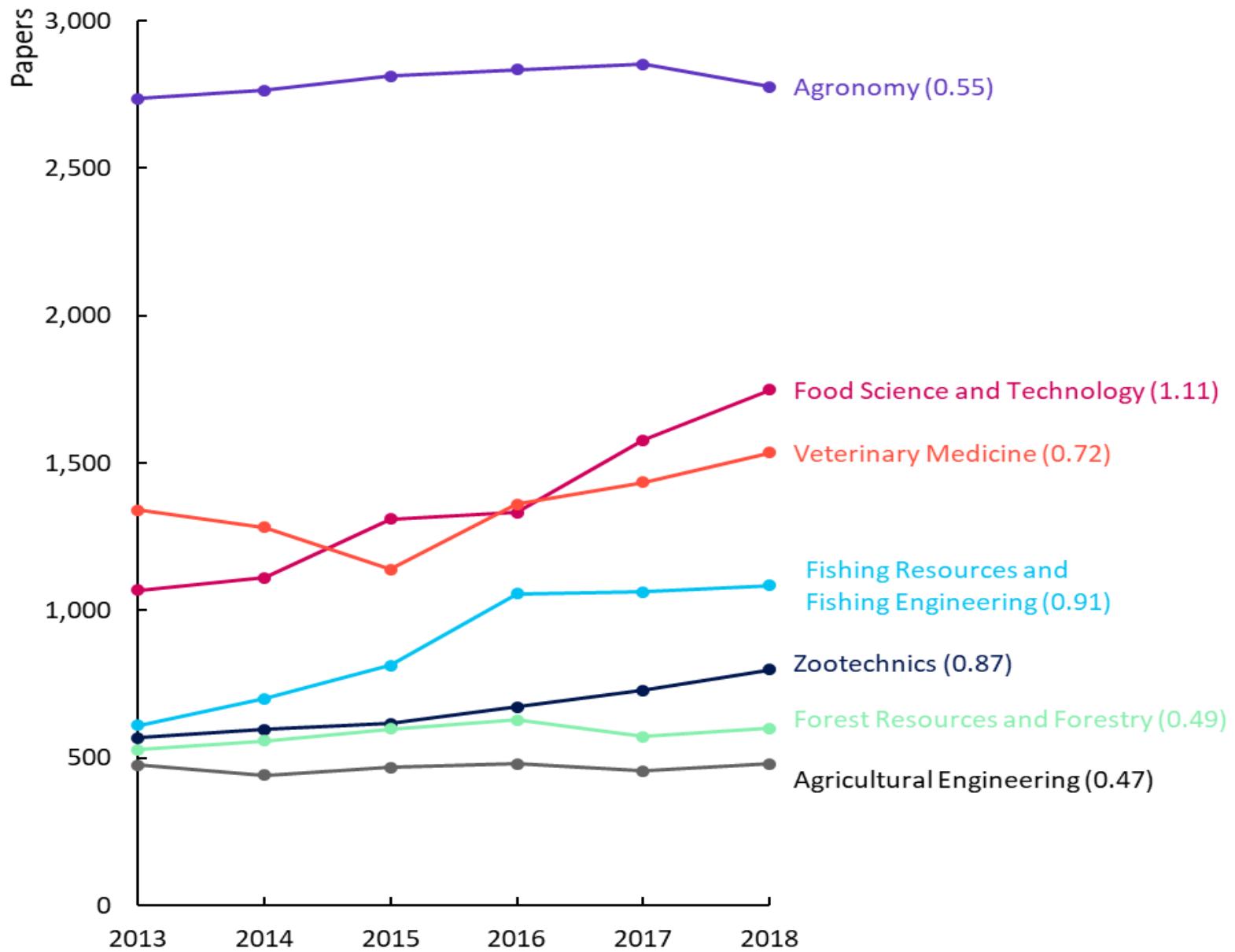
2013 - 2018.



Strength, weakness, opportunity and threat analysis in Brazilian research aggregated by CAPES research category.



Six-year trend in the number of papers published annually in each CAPES Agriculture sub-category.



Research output of 15 most productive universities in select CAPES categories

	Health Sciences	Biological Sciences	Exact and Earth Sciences	Agricultural Sciences	Engineering	All Research
Universidade de São Paulo	21,912	17,025	14,536	6,476	6,819	58,899
Universidade Estadual Paulista	5,283	6,948	5,336	5,908	2,914	22,868
Universidade Estadual de Campinas	5,719	4,416	6,571	1,989	3,941	19,317
Universidade Federal do Rio de Janeiro	4,672	5,351	5,503	981	3,038	17,484
Universidade Federal do Rio Grande do Sul	5,199	4,009	3,960	2,168	2,599	15,860
Universidade Federal de Minas Gerais	5,233	4,349	3,293	1,809	2,108	14,904
Universidade Federal de São Paulo (UNIFESP)	7,372	3,186	1,212	358	724	11,228
Universidade Federal do Paraná	2,133	3,333	2,486	2,190	1,628	9,995
Universidade Federal de Santa Catarina (UFSC)	2,473	1,974	2,468	1,358	2,284	9,162
Universidade Federal de Pernambuco	1,778	2,302	2,391	662	1,082	7,098
Universidade de Brasília	1,756	2,039	2,023	895	892	7,056
Universidade do Estado do Rio de Janeiro	2,110	1,315	3,046	281	1,030	7,039
Universidade Federal de São Carlos	977	1,727	2,643	670	2,072	6,980
Universidade Federal de Vicosa	602	2,726	940	3,064	441	6,893
Universidade Federal de Santa Maria (UFSM)	1,247	1,809	1,425	2,522	782	6,670

Category Normalized Citation Impact of 15 universities, with highest citation impact, in select CAPES categories

	Health Sciences	Biological Sciences	Exact and Earth Sciences	Agricultural Sciences	Engineering	All Research
Universidade Federal do ABC (UFABC)	1.06	0.74	1.95	-	0.95	1.68
Universidade Federal de São João del-Rei	0.65	0.61	2.53	1.29	0.95	1.54
Universidade Federal de Juiz de Fora	0.96	0.66	1.89	1.03	0.69	1.30
Universidade Federal de Sergipe	2.68	0.74	0.70	0.71	0.73	1.28
Universidade Federal de Pelotas	1.72	0.68	1.59	0.58	0.85	1.15
Universidade Federal de Santa Catarina (UFSC)	1.98	0.84	0.87	0.98	0.72	1.13
Universidade do Estado do Rio de Janeiro	0.91	0.72	1.37	0.63	1.09	1.06
Universidade Federal de São Paulo (UNIFESP)	1.17	0.94	0.73	0.68	0.87	1.06
Universidade Federal de Minas Gerais	1.56	0.90	0.80	0.93	0.79	1.03
Universidade Estadual de Campinas	0.86	0.94	1.23	0.87	0.74	1.03
Universidade de São Paulo	1.18	0.91	1.10	0.59	0.67	1.02
Universidade Federal do Rio Grande do Sul	1.50	0.78	0.97	0.88	0.82	1.02
Universidade Federal do Rio Grande do Norte	0.81	0.81	1.43	0.87	0.85	1.02
Universidade Federal do Rio de Janeiro	0.96	0.87	1.24	0.55	0.81	0.98
Universidade de Brasília	1.50	0.86	0.64	0.59	0.87	0.90

Research output of 10 most productive research institutes in select CAPES categories

	Health Sciences	Biological Sciences	Exact and Earth Sciences	Agricultural Sciences	Engineering	All Research
Empresa Brasileira de Pesquisa Agropecuaria (Embrapa)	325	3,737	1,089	5,451	504	9,598
Fundacao Oswaldo Cruz	5,264	4,983	663	560	138	9,195
Centro Brasileiro de Pesquisas Fisicas	16	26	1,969	4	233	2,097
Institute Nacional de Pesquisas da Amazonia	84	1,438	205	387	28	1,898
Instituto Nacional de Pesquisas Espaciais (INPE)	25	161	1,406	95	338	1,817
ComisSão Nacional de Energia Nuclear (CNEN)	272	153	738	37	801	1,435
Hospital Israelita Albert Einstein	1,142	278	23	19	28	1,345
Instituto Butantan	450	1,046	90	99	31	1,294
Comando-Geral de Tecnologia Aeroespacial (CTA)	30	17	656	4	570	1,063
Instituto Tecnologico de Aeronautica (ITA)	25	14	648	4	555	1,039

Category Normalized Citation Impact of 10 research institutes, with highest citation impact, in select CAPES categories

	Health Sciences	Biological Sciences	Exact and Earth Sciences	Agricultural Sciences	Engineering	All Research
Centro Brasileiro de Pesquisas Fisicas	-	-	2.23	-	0.80	2.24
Instituto Nacional de Pesquisas Espaciais (INPE)	-	1.49	2.52	0.54	0.95	2.19
Hospital Israelita Albert Einstein	1.75	1.09	-	-	-	1.62
Fundacao Oswaldo Cruz	1.21	0.98	0.75	0.68	0.86	1.07
Institute Nacional de Pesquisas da Amazonia	0.70	0.83	1.62	0.71	-	0.91
Empresa Brasileira de Pesquisa Agropecuaria (Embrapa)	1.17	0.75	1.06	0.62	1.08	0.72
Instituto Butantan	0.80	0.70	0.58	0.98	-	0.68
Instituto Tecnologico de Aeronautica (ITA)	-	-	0.78	-	0.81	0.65
Comando-Geral de Tecnologia Aeroespacial (CTA)	-	-	0.78	-	1.09	0.65
ComisSão Nacional de Energia Nuclear (CNEN)	0.47	0.67	0.62	-	0.87	0.58

Questions

Thank you

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