

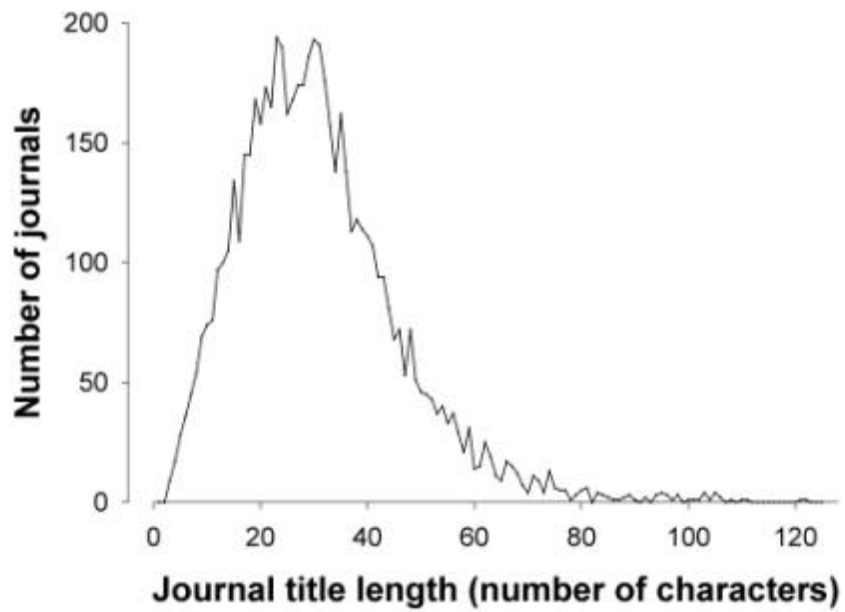
Supplementary Table

Category	Number of journals	Median impact factor	Title length high IF quintile*	Title length low IF quintile*	p value
Biochemistry & molecular biology	261	2.323	26 (15-33)	33 (25-39)	0.015
Cardiac & cardiovascular systems	72	1.559	31.5 (21.5-44.25)	28.5 (21.25-41)	0.982
Clinical neurology	148	1.620	17.5 (10.75- 29.25)	26 (18.75-31)	0.036
Dentistry, oral surgery & medicine	49	1.288	27.5 (18.25-32.5)	29 (22-36.5)	0.472
Endocrinology & metabolism	89	2.290	30 (16-36.5)	26.5 (18-41)	0.950
Gastroenterology & hepatology	46	1.804	21 (9.5-25.5)	32 (24-37.5)	0.022
Genetics & heredity	124	2.626	19.5 (14.25-30.5)	22.5 (15-29.25)	0.680
Hematology	60	2.008	24 (10.25-36.75)	34.5 (29.5-37.5)	0.193
Immunology	115	2.301	22 (20-29)	32 (25-40)	0.019
Infectious diseases	43	2.371	28 (19.5-33.5)	39 (27.5-51)	0.052
Medicine, general & internal	105	0.971	28 (23-37.5)	23 (19.5-29.5)	0.072
Medicine, research & experimental	72	2.009	24 (17.75-32.25)	32 (19-45)	0.118
Microbiology	86	2.197	27 (22-31.5)	23 (15-35)	0.480
Multidisciplinary sciences	48	0.445	33 (16-79.5)	39 (22.5-41.5)	0.820

Neurosciences	200	2.362	23 (17-28)	27 (22-35.25)	0.010
Nutrition & dietetics	53	1.778	28 (20-38)	31 (18-46)	0.895
Obstetrics & gynaecology	57	1.468	25 (18-45)	39 (32-54)	0.070
Oncology	123	2.371	24 (12.5-30)	26 (15-41.5)	0.485
Ophthalmology	44	1.263	25 (20-34.5)	35 (27.5-49)	0.133
Orthopaedics	41	1.018	29.5 (23-34.75)	24 (11.25-38)	0.636
Pathology	66	1.624	32 (18.5-38.5)	22 (15.5-45.5)	0.608
Paediatrics	73	1.102	40 (28-50)	29 (21-37)	0.049
Peripheral vascular disease	51	2.315	25 (11.75-39.25)	20 (10.75-34.25)	0.705
Pharmacology & pharmacy	193	1.889	27 (22-36)	30 (22-44)	0.150
Physiology	75	2.145	30 (27-47)	37 (29-51)	0.506
Psychiatry	94	2.045	23 (18-23)	29 (17-39)	0.530
Public, environmental & occupational health	99	1.526	28.5 (20-36)	32 (24.75-42)	0.198
Radiology, nuclear medicine & medical imaging	84	1.562	27 (18.5-30)	28 (23-30.5)	0.468
Surgery	139	1.017	27 (18-36)	32 (21-45)	0.100
Urology & nephrology	51	1.543	31.5 (17.5-45.25)	17.5 (10.75- 24.5)	0.045
Overall			26 (18-34)	29 (20-39)	<0.001

* Presented as median (inter-quartile range). Differences between quintiles analysed using

Mann Whitney test.



Legend to Supplementary Figure.

Plot of the number of journals per journal title length based on the *Journal Citation Reports Science edition 2005*.