

Top 30 - All Disciplines

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	236.986	2.212.643	9,34	20.093	11,79	110,12	545,77	4.054,17
AUSTRIA	79.071	780.243	9,87	8.185	9,66	95,33	233,10	3.347,25
BELGIUM	112.310	1.174.915	10,46	10.364	10,84	113,36	283,06	4.150,76
CANADA	372.556	3.980.200	10,68	33.099	11,26	120,25	885,10	4.496,89
CZECH REPUBLIC	50.186	287.344	5,73	10.241	4,90	28,06	165,76	1.733,49
DENMARK	83.265	1.027.981	12,35	5.536	15,04	185,70	154,05	6.673,03
ESTONIA	6.437	46.606	7,14	1.333	4,83	34,97	15,60	2.987,56
FINLAND	78.133	864.985	11,07	5.223	14,96	165,60	135,18	6.398,76
FRANCE	506.045	4.946.401	9,77	63.470	7,97	77,93	1.593,88	3.103,37
GERMANY	622.967	7.261.333	11,66	82.422	7,56	88,10	2.162,49	3.357,86
GREECE	60.411	358.370	5,93	10.668	5,66	33,59	165,76	2.161,98
HUNGARY	43.764	312.609	7,14	10.007	4,37	31,24	135,25	2.311,34
ICELAND	3.752	44.805	11,94	297	12,64	150,99	8,33	5.378,75
IRELAND	31.790	290.976	9,15	4.016	7,92	72,46	114,73	2.536,18
ISRAEL	101.311	1.001.695	9,89	7.026	14,42	142,57	160,00	6.260,59
ITALY	352.352	3.269.487	9,28	58.134	6,06	56,24	1.471,93	2.221,22
JAPAN	746.020	6.051.531	8,11	127.464	5,85	47,48	3.324,09	1.820,51
NETHERLANDS	210.094	2.582.197	11,07	16.699	12,58	154,63	463,22	5.574,45
NEW ZEALAND	47.213	393.658	8,34	4.060	11,63	96,95	84,12	4.679,72
NORWAY	55.507	545.738	9,83	4.681	11,86	116,58	157,45	3.466,10
PORTUGAL	40.577	261.436	6,44	10.566	3,84	24,74	183,84	1.422,08
SINGAPORE	45.376	256.781	5,66	4.426	10,25	58,02	110,00	2.334,37
SLOVENIA	16.461	84.833	5,15	2.011	8,19	42,18	34,90	2.430,74
SOUTH KOREA	180.624	893.428	4,95	48.847	3,70	18,29	808,63	1.104,87
SPAIN	254.968	2.029.699	7,96	40.398	6,31	50,24	896,16	2.264,88
SWEDEN	160.831	1.871.884	11,64	9.002	17,87	207,95	240,96	7.768,44
SWITZERLAND	151.694	2.087.710	13,76	7.489	20,25	278,76	225,00	9.278,71
TAIWAN	121.917	617.833	5,07	23.036	5,29	26,82	kA	-
UK	768.354	8.883.676	11,56	61.058	12,58	145,50	1.577,48	5.631,56
USA	2.732.816	35.678.385	13,06	302.791	9,03	117,83	9.914,55	3.598,59



Quellen: ISI Web of Knowledge (January 1, 1997-February 28, 2007); OECD-Factbook 2007; CIA Factbook 2006

Anm.: (1) Die Top-30-Nationen wurden gewichtet nach Bevölkerungszahl ermittelt, daher fehlen Ländern wie bspw. China, Russland oder Indien. In einzelnen Wissenschaftsdisziplinen ist es möglich, dass auch andere Länder in den Top 30 vertreten sein könnten, nie aber in den TOP 20. Zur Vergleichbarkeit wurden aber nur solche Länder durchgehend berücksichtigt, die sich auch in der Summe aller Disziplinen in den Top 30 befinden (wobei in wenigen Fällen sehr kleine Länder wie Island, Estonia oder Singapur in bestimmten Wissenschaftsdisziplinen keine Publikationen aufweisen). (2) Da sich der relative Anstieg der Bevölkerungszahlen in den letzten 10 Jahren in den Top-30-Nationen nicht wesentlich unterschieden hat, wurden für die Gewichtung die Zahlen von 2006 herangezogen (Quelle: CIA Factbook 2006). (3) Für die GDP-Daten lag das Jahr 2007 noch nicht vor, daher wurde der Durchschnitt für die Jahre 1996-2005 als Gewichtung herangezogen, nur für Taiwan sind keine verlässlichen Daten verfügbar (Quelle: OECD-Factbook 2007). (4) Das Ranking der Nationen erfolgte schließlich nach "Citation per 1000 Population" und nach "Citation per GDP in Mrd.\$).

Top 30 - Agriculture

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	6.558	39.598	6,04	20.093	0,33	1,97	545,77	72,55
AUSTRIA	991	4.829	4,87	8.185	0,12	0,59	233,10	20,72
BELGIUM	2.361	15.826	6,70	10.364	0,23	1,53	283,06	55,91
CANADA	6.911	45.272	6,55	33.099	0,21	1,37	885,10	51,15
CZECH REPUBLIC	1.177	2.582	2,19	10.241	0,11	0,25	165,76	15,58
DENMARK	2.460	20.285	8,25	5.536	0,44	3,66	154,05	131,68
ESTONIA	69	268	3,88	1.333	0,05	0,20	15,60	17,18
FINLAND	1.709	15.247	8,92	5.223	0,33	2,92	135,18	112,79
FRANCE	7.855	53.992	6,87	63.470	0,12	0,85	1.593,88	33,87
GERMANY	10.016	49.374	4,93	82.422	0,12	0,60	2.162,49	22,83
GREECE	1.744	9.318	5,34	10.668	0,16	0,87	165,76	56,21
HUNGARY	1.430	3.114	2,18	10.007	0,14	0,31	135,25	23,02
ICELAND	90	913	10,15	297	0,30	3,08	8,33	109,60
IRELAND	1.853	13.757	7,42	4.016	0,46	3,43	114,73	119,91
ISRAEL	1.032	7.092	6,87	7.026	0,15	1,01	160,00	44,33
ITALY	5.618	32.901	5,86	58.134	0,10	0,57	1.471,93	22,35
JAPAN	10.974	41.903	3,82	127.464	0,09	0,33	3.324,09	12,61
NETHERLANDS	4.011	34.548	8,61	16.699	0,24	2,07	463,22	74,58
NEW ZEALAND	2.645	15.220	5,75	4.060	0,65	3,75	84,12	180,93
NORWAY	1.232	8.886	7,21	4.681	0,26	1,90	157,45	56,44
PORTUGAL	1.205	6.932	5,75	10.566	0,11	0,66	183,84	37,71
SINGAPORE	171	1.034	6,05	4.426	0,04	0,23	110,00	9,40
SLOVENIA	290	1.082	3,73	2.011	0,14	0,54	34,90	31,00
SOUTH KOREA	2.468	9.043	3,66	48.847	0,05	0,19	808,63	11,18
SPAIN	9.246	53.900	5,83	40.398	0,23	1,33	896,16	60,15
SWEDEN	1.948	15.040	7,72	9.002	0,22	1,67	240,96	62,42
SWITZERLAND	1.835	15.124	8,24	7.489	0,25	2,02	225,00	67,22
TAIWAN	1.591	8.328	5,23	23.036	0,07	0,36	kA	-
UK	10.164	83.830	8,41	61.058	0,17	1,37	1.577,48	53,14
USA	38.051	267.265	7,02	302.791	0,13	0,88	9.914,55	26,96





Top 30 - Biology / Biochemistry

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	13.760	202.992	14,75	20.093	0,68	10,10	545,77	371,94
AUSTRIA	4.772	66.547	13,95	8.185	0,58	8,13	233,10	285,49
BELGIUM	7.116	106.134	14,91	10.364	0,69	10,24	283,06	374,95
CANADA	24.352	406.778	16,70	33.099	0,74	12,29	885,10	459,58
CZECH REPUBLIC	3.729	27.757	7,44	10.241	0,36	2,71	165,76	167,45
DENMARK	7.342	120.298	16,38	5.536	1,33	21,73	154,05	780,90
ESTONIA	380	4.491	11,82	1.333	0,29	3,37	15,60	287,88
FINLAND	4.623	76.305	16,51	5.223	0,89	14,61	135,18	564,47
FRANCE	33.408	482.283	14,44	63.470	0,53	7,60	1.593,88	302,58
GERMANY	41.921	723.424	17,26	82.422	0,51	8,78	2.162,49	334,53
GREECE	2.437	18.756	7,70	10.668	0,23	1,76	165,76	113,15
HUNGARY	3.286	34.344	10,45	10.007	0,33	3,43	135,25	253,93
ICELAND	162	1.247	7,70	297	0,55	4,20	8,33	149,70
IRELAND	1.722	30.594	17,77	4.016	0,43	7,62	114,73	266,66
ISRAEL	6.321	104.141	16,48	7.026	0,90	14,82	160,00	650,88
ITALY	22.014	252.235	11,46	58.134	0,38	4,34	1.471,93	171,36
JAPAN	59.072	742.050	12,56	127.464	0,46	5,82	3.324,09	223,23
NETHERLANDS	11.753	197.967	16,84	16.699	0,70	11,86	463,22	427,37
NEW ZEALAND	2.401	31.307	13,04	4.060	0,59	7,71	84,12	372,17
NORWAY	3.043	40.185	13,21	4.681	0,65	8,58	157,45	255,22
PORTUGAL	2.480	22.463	9,06	10.566	0,23	2,13	183,84	122,19
SINGAPORE	1.735	21.671	12,49	4.426	0,39	4,90	110,00	197,01
SLOVENIA	967	7.364	7,62	2.011	0,48	3,66	34,90	211,00
SOUTH KOREA	10.846	81.292	7,50	48.847	0,22	1,66	808,63	100,53
SPAIN	14.272	158.011	11,07	40.398	0,35	3,91	896,16	176,32
SWEDEN	13.004	219.127	16,85	9.002	1,44	24,34	240,96	909,39
SWITZERLAND	10.023	218.916	21,84	7.489	1,34	29,23	225,00	972,96
TAIWAN	4.844	36.175	7,47	23.036	0,21	1,57	kA	-
UK	48.418	895.802	18,50	61.058	0,79	14,67	1.577,48	567,87
USA	192.860	4.120.960	21,37	302.791	0,64	13,61	9.914,55	415,65



Top 30 - Chemistry

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	16.196	150.484	9,29	20.093	0,81	7,49	545,77	275,73
AUSTRIA	7.498	69.709	9,30	8.185	0,92	8,52	233,10	299,05
BELGIUM	11.803	114.295	9,68	10.364	1,14	11,03	283,06	403,78
CANADA	29.489	311.108	10,55	33.099	0,89	9,40	885,10	351,49
CZECH REPUBLIC	9.452	60.609	6,41	10.241	0,92	5,92	165,76	365,64
DENMARK	6.661	85.931	12,90	5.536	1,20	15,52	154,05	557,81
ESTONIA	711	5.576	7,84	1.333	0,53	4,18	15,60	357,44
FINLAND	6.010	50.482	8,40	5.223	1,15	9,66	135,18	373,44
FRANCE	61.636	581.453	9,43	63.470	0,97	9,16	1.593,88	364,80
GERMANY	91.507	921.294	10,07	82.422	1,11	11,18	2.162,49	426,03
GREECE	5.993	44.323	7,40	10.668	0,56	4,15	165,76	267,39
HUNGARY	8.131	52.828	6,50	10.007	0,81	5,28	135,25	390,60
ICELAND	102	500	4,90	297	0,34	1,68	8,33	60,02
IRELAND	2.599	23.882	9,19	4.016	0,65	5,95	114,73	208,16
ISRAEL	8.116	92.154	11,35	7.026	1,16	13,12	160,00	575,96
ITALY	37.821	350.932	9,28	58.134	0,65	6,04	1.471,93	238,42
JAPAN	111.741	954.824	8,54	127.464	0,88	7,49	3.324,09	287,24
NETHERLANDS	17.869	242.055	13,55	16.699	1,07	14,50	463,22	522,55
NEW ZEALAND	2.972	25.653	8,63	4.060	0,73	6,32	84,12	304,96
NORWAY	3.574	29.012	8,12	4.681	0,76	6,20	157,45	184,26
PORTUGAL	6.361	42.994	6,76	10.566	0,60	4,07	183,84	233,87
SINGAPORE	5.071	40.301	7,95	4.426	1,15	9,11	110,00	366,37
SLOVENIA	2.500	15.576	6,23	2.011	1,24	7,75	34,90	446,30
SOUTH KOREA	28.095	172.416	6,14	48.847	0,58	3,53	808,63	213,22
SPAIN	39.487	344.043	8,71	40.398	0,98	8,52	896,16	383,91
SWEDEN	13.806	156.702	11,35	9.002	1,53	17,41	240,96	650,32
SWITZERLAND	16.798	224.550	13,37	7.489	2,24	29,98	225,00	998,00
TAIWAN	15.927	99.447	6,24	23.036	0,69	4,32	kA	-
UK	65.546	710.254	10,84	61.058	1,07	11,63	1.577,48	450,25
USA	208.802	2.863.734	13,72	302.791	0,69	9,46	9.914,55	288,84



Top 30 - Clinical Medicine

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	51.573	603.806	11,71	20.093	2,57	30,05	545,77	1.106,34
AUSTRIA	23.597	254.696	10,79	8.185	2,88	31,12	233,10	1.092,65
BELGIUM	27.846	389.390	13,98	10.364	2,69	37,57	283,06	1.375,64
CANADA	76.414	1.111.456	14,55	33.099	2,31	33,58	885,10	1.255,74
CZECH REPUBLIC	4.784	39.971	8,36	10.241	0,47	3,90	165,76	241,14
DENMARK	21.101	312.202	14,80	5.536	3,81	56,40	154,05	2.026,63
ESTONIA	803	6.529	8,13	1.333	0,60	4,90	15,60	418,53
FINLAND	21.028	327.556	15,58	5.223	4,03	62,71	135,18	2.423,11
FRANCE	102.686	1.093.197	10,65	63.470	1,62	17,22	1.593,88	685,87
GERMANY	158.112	1.623.719	10,27	82.422	1,92	19,70	2.162,49	750,86
GREECE	15.657	108.698	6,94	10.668	1,47	10,19	165,76	655,76
HUNGARY	5.527	49.958	9,04	10.007	0,55	4,99	135,25	369,38
ICELAND	991	15.981	16,13	297	3,34	53,86	8,33	1.918,49
IRELAND	7.405	80.800	10,91	4.016	1,84	20,12	114,73	704,26
ISRAEL	24.136	235.460	9,76	7.026	3,44	33,51	160,00	1.471,63
ITALY	86.850	1.026.982	11,82	58.134	1,49	17,67	1.471,93	697,71
JAPAN	154.328	1.348.673	8,74	127.464	1,21	10,58	3.324,09	405,73
NETHERLANDS	58.057	868.378	14,96	16.699	3,48	52,00	463,22	1.874,66
NEW ZEALAND	8.449	96.337	11,40	4.060	2,08	23,73	84,12	1.145,23
NORWAY	13.935	190.576	13,68	4.681	2,98	40,71	157,45	1.210,39
PORTUGAL	4.071	43.830	10,77	10.566	0,39	4,15	183,84	238,41
SINGAPORE	6.086	45.481	7,47	4.426	1,38	10,28	110,00	413,46
SLOVENIA	2.157	15.915	7,38	2.011	1,07	7,91	34,90	456,02
SOUTH KOREA	21.485	134.482	6,26	48.847	0,44	2,75	808,63	166,31
SPAIN	46.418	438.174	9,44	40.398	1,15	10,85	896,16	488,95
SWEDEN	42.925	598.600	13,95	9.002	4,77	66,50	240,96	2.484,23
SWITZERLAND	36.066	511.603	14,19	7.489	4,82	68,31	225,00	2.273,79
TAIWAN	21.984	142.315	6,47	23.036	0,95	6,18	kA	-
UK	186.016	2.417.126	12,99	61.058	3,05	39,59	1.577,48	1.532,27
USA	647.044	9.526.334	14,72	302.791	2,14	31,46	9.914,55	960,84



Top 30 - Computer Science

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	6.171	15.900,00	2,58	20.093	0,31	0,79	545,77	29,13
AUSTRIA	2.523	5.185,00	2,06	8.185	0,31	0,63	233,10	22,24
BELGIUM	3.028	7.949,00	2,63	10.364	0,29	0,77	283,06	28,08
CANADA	10.133	27.741,00	2,74	33.099	0,31	0,84	885,10	31,34
CZECH REPUBLIC	1.136	1.975,00	1,74	10.241	0,11	0,19	165,76	11,91
DENMARK	2.009	7.385,00	3,68	5.536	0,36	1,33	154,05	47,94
ESTONIA	85	102,00	1,20	1.333	0,06	0,08	15,60	6,54
FINLAND	2.387	5.342,00	2,24	5.223	0,46	1,02	135,18	39,52
FRANCE	13.607	36.560,00	2,69	63.470	0,21	0,58	1.593,88	22,94
GERMANY	18.222	44.418,00	2,44	82.422	0,22	0,54	2.162,49	20,54
GREECE	3.266	5.377,00	1,65	10.668	0,31	0,50	165,76	32,44
HUNGARY	1.085	2.503,00	2,31	10.007	0,11	0,25	135,25	18,51
ICELAND	87	159,00	1,83	297	0,29	0,54	8,33	19,09
IRELAND	1.227	1.975,00	1,61	4.016	0,31	0,49	114,73	17,21
ISRAEL	4.040	16.557,00	4,10	7.026	0,58	2,36	140,00	118,26
ITALY	10.768	27.410,00	2,55	58.134	0,19	0,47	1.471,93	18,62
JAPAN	14.003	27.795,00	1,98	127.464	0,11	0,22	3.324,09	8,36
NETHERLANDS	5.575	15.040,00	2,70	16.699	0,33	0,90	463,22	32,47
NEW ZEALAND	1.057	2.615,00	2,47	4.060	0,26	0,64	84,12	31,09
NORWAY	1.323	3.261,00	2,46	4.681	0,28	0,70	157,45	20,71
PORTUGAL	1.552	2.274,00	1,47	10.566	0,15	0,22	183,84	12,37
SINGAPORE	3.396	7.292,00	2,15	4.426	0,77	1,65	110,00	66,29
SLOVENIA	459	1.022,00	2,23	2.011	0,23	0,51	34,90	29,28
SOUTH KOREA	11.446	12.168,00	1,06	48.847	0,23	0,25	808,63	15,05
SPAIN	8.083	13.937,00	1,72	40.398	0,20	0,34	896,16	15,55
SWEDEN	3.065	12.989,00	4,24	9.002	0,34	1,44	240,96	53,91
SWITZERLAND	3.689	13.039,00	3,53	7.489	0,49	1,74	225,00	57,95
TAIWAN	6.707	12.274,00	1,83	23.036	0,29	0,53	kA	-
UK	17.977	56.929,00	3,17	61.058	0,29	0,93	1.577,48	36,09
USA	66.969	287.863,00	4,30	302.791	0,22	0,95	9.914,55	29,03



Top 30 - Economics & Business

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	4.738	14.813	3,13	20.093	0,24	0,74	545,77	27,14
AUSTRIA	878	2.578	2,94	8.185	0,11	0,31	233,10	11,06
BELGIUM	1.808	7.966	4,41	10.364	0,17	0,77	283,06	28,14
CANADA	7.094	31.020	4,37	33.099	0,21	0,94	885,10	35,05
CZECH REPUBLIC	855	506	0,59	10.241	0,08	0,05	165,76	3,05
DENMARK	1.288	5.102	3,96	5.536	0,23	0,92	154,05	33,12
ESTONIA	-	-	-	1.333	-	-	15,60	-
FINLAND	949	3.081	3,25	5.223	0,18	0,59	135,18	22,79
FRANCE	4.362	17.283	3,96	63.470	0,07	0,27	1.593,88	10,84
GERMANY	5.370	15.412	2,87	82.422	0,07	0,19	2.162,49	7,13
GREECE	780	1.654	2,12	10.668	0,07	0,16	165,76	9,98
HUNGARY	199	650	3,27	10.007	0,02	0,06	135,25	4,81
ICELAND	44	135	3,07	297	0,15	0,45	8,33	16,21
IRELAND	589	1.953	3,32	4.016	0,15	0,49	114,73	17,02
ISRAEL	1.655	8.310	5,02	7.026	0,24	1,18	150,00	55,40
ITALY	2.783	9.070	3,26	58.134	0,05	0,16	1.471,93	6,16
JAPAN	2.195	4.892	2,23	127.464	0,02	0,04	3.324,09	1,47
NETHERLANDS	4.497	19.182	4,27	16.699	0,27	1,15	463,22	41,41
NEW ZEALAND	1.011	3.425	3,39	4.060	0,25	0,84	84,12	40,72
NORWAY	1.161	4.123	3,55	4.681	0,25	0,88	157,45	26,19
PORTUGAL	493	1.099	2,23	10.566	0,05	0,10	183,84	5,98
SINGAPORE	987	3.503	3,55	4.426	0,22	0,79	110,00	31,85
SLOVENIA	151	247	1,64	2.011	0,08	0,12	34,90	7,08
SOUTH KOREA	1.370	4.440	3,24	48.847	0,03	0,09	808,63	5,49
SPAIN	3.196	9.393	2,94	40.398	0,08	0,23	896,16	10,48
SWEDEN	2.095	10.052	4,80	9.002	0,23	1,12	240,96	41,72
SWITZERLAND	1.481	6.875	4,64	7.489	0,20	0,92	225,00	30,56
TAIWAN	1.435	2.985	2,08	23.036	0,06	0,13	kA	-
UK	18.023	80.970	4,49	61.058	0,30	1,33	1.577,48	51,33
USA	60.250	392.842	6,52	302.791	0,20	1,30	9.914,55	39,62



Top 30 - Engineering

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	15.223	60.893	4,00	20.093	0,76	3,03	545,77	111,57
AUSTRIA	4.382	17.730	4,05	8.185	0,54	2,17	233,10	76,06
BELGIUM	7.649	38.401	5,02	10.364	0,74	3,71	283,06	135,66
CANADA	29.101	107.157	3,68	33.099	0,88	3,24	885,10	121,07
CZECH REPUBLIC	3.052	11.724	3,84	10.241	0,30	1,14	165,76	70,73
DENMARK	3.929	22.406	5,70	5.536	0,71	4,05	154,05	145,45
ESTONIA	299	819	2,74	1.333	0,22	0,61	15,60	52,50
FINLAND	4.990	21.272	4,26	5.223	0,96	4,07	135,18	157,36
FRANCE	33.180	138.611	4,18	63.470	0,52	2,18	1.593,88	86,96
GERMANY	41.914	178.910	4,27	82.422	0,51	2,17	2.162,49	82,73
GREECE	6.831	20.421	2,99	10.668	0,64	1,91	165,76	123,20
HUNGARY	2.892	11.182	3,87	10.007	0,29	1,12	135,25	82,68
ICELAND	83	379	4,57	297	0,28	1,28	8,33	45,50
IRELAND	2.279	7.436	3,26	4.016	0,57	1,85	114,73	64,81
ISRAEL	6.818	28.653	4,20	7.026	0,97	4,08	150,00	191,02
ITALY	28.488	106.454	3,74	58.134	0,49	1,83	1.471,93	72,32
JAPAN	61.923	186.277	3,01	127.464	0,49	1,46	3.324,09	56,04
NETHERLANDS	12.295	57.865	4,71	16.699	0,74	3,47	463,22	124,92
NEW ZEALAND	2.234	7.335	3,28	4.060	0,55	1,81	84,12	87,20
NORWAY	2.857	11.856	4,15	4.681	0,61	2,53	157,45	75,30
PORTUGAL	4.224	12.237	2,90	10.566	0,40	1,16	183,84	66,56
SINGAPORE	10.037	30.606	3,05	4.426	2,27	6,92	110,00	278,24
SLOVENIA	2.543	5.858	2,30	2.011	1,26	2,91	34,90	167,85
SOUTH KOREA	23.993	60.585	2,53	48.847	0,49	1,24	808,63	74,92
SPAIN	16.993	64.492	3,80	40.398	0,42	1,60	896,16	71,96
SWEDEN	9.331	43.568	4,67	9.002	1,04	4,84	240,96	180,81
SWITZERLAND	9.108	51.110	5,61	7.489	1,22	6,82	225,00	227,16
TAIWAN	22.332	64.160	2,87	23.036	0,97	2,79	kA	-
UK	51.597	200.720	3,89	61.058	0,85	3,29	1.577,48	127,24
USA	183.697	850.866	4,63	302.791	0,61	2,81	9.914,55	85,82

Top 30 - Environment & Ecology

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	10.052	94.398	9,39	20.093	0,50	4,70	545,77	172,96
AUSTRIA	1.628	13.083	8,04	8.185	0,20	1,60	233,10	56,13
BELGIUM	3.136	26.708	8,52	10.364	0,30	2,58	283,06	94,35
CANADA	15.686	149.795	9,55	33.099	0,47	4,53	885,10	169,24
CZECH REPUBLIC	1.237	6.967	5,63	10.241	0,12	0,68	165,76	42,03
DENMARK	3.600	41.249	11,46	5.536	0,65	7,45	154,05	267,76
ESTONIA	444	4.010	9,03	1.333	0,33	3,01	15,60	257,05
FINLAND	3.785	37.680	9,96	5.223	0,72	7,21	135,18	278,74
FRANCE	9.678	85.749	8,86	63.470	0,15	1,35	1.593,88	53,80
GERMANY	12.535	115.595	9,22	82.422	0,15	1,40	2.162,49	53,45
GREECE	1.918	9.659	5,04	10.668	0,18	0,91	165,76	58,27
HUNGARY	604	3.339	5,53	10.007	0,06	0,33	135,25	24,69
ICELAND	158	1.704	10,78	297	0,53	5,74	8,33	204,56
IRELAND	632	3.962	6,27	4.016	0,16	0,99	114,73	34,53
ISRAEL	1.869	13.884	7,43	7.026	0,27	1,98	150,00	92,56
ITALY	6.000	41.717	6,95	58.134	0,10	0,72	1.471,93	28,34
JAPAN	7.998	49.473	6,19	127.464	0,06	0,39	3.324,09	14,88
NETHERLANDS	6.179	69.620	11,27	16.699	0,37	4,17	463,22	150,30
NEW ZEALAND	3.234	29.028	8,98	4.060	0,80	7,15	84,12	345,08
NORWAY	3.115	31.195	10,01	4.681	0,67	6,66	157,45	198,13
PORTUGAL	1.475	9.377	6,36	10.566	0,14	0,89	183,84	51,01
SINGAPORE	534	3.185	5,96	4.426	0,12	0,72	110,00	28,95
SLOVENIA	388	1.732	4,46	2.011	0,19	0,86	34,90	49,63
SOUTH KOREA	2.390	11.116	4,65	48.847	0,05	0,23	808,63	13,75
SPAIN	7.708	57.144	7,41	40.398	0,19	1,41	896,16	63,77
SWEDEN	6.515	74.148	11,38	9.002	0,72	8,24	240,96	307,72
SWITZERLAND	3.958	47.654	12,04	7.489	0,53	6,36	225,00	211,80
TAIWAN	2.541	13.458	5,30	23.036	0,11	0,58	kA	-
UK	20.659	233.869	11,32	61.058	0,34	3,83	1.577,48	148,25
USA	73.923	771.972	10,44	302.791	0,24	2,55	9.914,55	77,86



Top 30 - Geoscience

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	11.381	111.448	9,79	20.093	0,57	5,55	545,77	204,20
AUSTRIA	2.266	16.858	7,44	8.185	0,28	2,06	233,10	72,32
BELGIUM	2.281	19.052	8,35	10.364	0,22	1,84	283,06	67,31
CANADA	16.704	141.503	8,47	33.099	0,50	4,28	885,10	159,87
CZECH REPUBLIC	1.475	7.111	4,82	10.241	0,14	0,69	165,76	42,90
DENMARK	2.844	28.913	10,17	5.536	0,51	5,22	154,05	187,69
ESTONIA	593	2.575	4,34	1.333	0,44	1,93	15,60	165,06
FINLAND	1.878	16.720	8,90	5.223	0,36	3,20	135,18	123,69
FRANCE	19.977	187.073	9,36	63.470	0,31	2,95	1.593,88	117,37
GERMANY	21.059	210.070	9,98	82.422	0,26	2,55	2.162,49	97,14
GREECE	1.883	12.541	6,66	10.668	0,18	1,18	165,76	75,66
HUNGARY	787	5.308	6,74	10.007	0,08	0,53	135,25	39,25
ICELAND	490	6.744	13,76	297	1,65	22,73	8,33	809,60
IRELAND	749	5.877	7,85	4.016	0,19	1,46	114,73	51,22
ISRAEL	1.643	14.753	8,98	7.026	0,23	2,10	150,00	98,35
ITALY	10.377	70.560	6,80	58.134	0,18	1,21	1.471,93	47,94
JAPAN	13.764	93.118	6,77	127.464	0,11	0,73	3.324,09	28,01
NETHERLANDS	5.630	57.997	10,30	16.699	0,34	3,47	463,22	125,20
NEW ZEALAND	2.805	22.740	8,11	4.060	0,69	5,60	84,12	270,33
NORWAY	3.921	34.027	8,68	4.681	0,84	7,27	157,45	216,11
PORTUGAL	849	4.663	5,49	10.566	0,08	0,44	183,84	25,36
SINGAPORE	204	726	3,56	4.426	0,05	0,16	110,00	6,60
SLOVENIA	208	1.141	5,49	2.011	0,10	0,57	34,90	32,69
SOUTH KOREA	1.934	9.754	5,04	48.847	0,04	0,20	808,63	12,06
SPAIN	5.667	36.849	6,50	40.398	0,14	0,91	896,16	41,12
SWEDEN	4.164	38.121	9,15	9.002	0,46	4,23	240,96	158,20
SWITZERLAND	5.593	62.684	11,21	7.489	0,75	8,37	225,00	278,60
TAIWAN	2.043	12.417	6,08	23.036	0,09	0,54	kA	-
UK	27.050	273.168	10,10	61.058	0,44	4,47	1.577,48	173,17
USA	78.438	874.101	11,14	302.791	0,26	2,89	9.914,55	88,16



Top 30 - Immunology

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	4.313	82.955	19,23	20.093	0,21	4,13	545,77	152,00
AUSTRIA	1.495	24.917	16,67	8.185	0,18	3,04	233,10	106,89
BELGIUM	1.856	35.918	19,35	10.364	0,18	3,47	283,06	126,89
CANADA	4.886	92.135	18,86	33.099	0,15	2,78	885,10	104,10
CZECH REPUBLIC	433	4.469	10,32	10.241	0,04	0,44	165,76	26,96
DENMARK	1.830	27.292	14,91	5.536	0,33	4,93	154,05	177,16
ESTONIA	81	895	11,05	1.333	0,06	0,67	15,60	57,37
FINLAND	1.178	18.573	15,77	5.223	0,23	3,56	135,18	137,39
FRANCE	8.061	161.694	20,06	63.470	0,13	2,55	1.593,88	101,45
GERMANY	9.573	196.664	20,54	82.422	0,12	2,39	2.162,49	90,94
GREECE	574	7.509	13,08	10.668	0,05	0,70	165,76	45,30
HUNGARY	523	5.885	11,25	10.007	0,05	0,59	135,25	43,51
ICELAND	105	1.285	12,24	297	0,35	4,33	8,33	154,26
IRELAND	473	10.411	22,01	4.016	0,12	2,59	114,73	90,74
ISRAEL	1.632	27.112	16,61	7.026	0,23	3,86	150,00	180,75
ITALY	5.601	102.481	18,30	58.134	0,10	1,76	1.471,93	69,62
JAPAN	9.862	187.081	18,97	127.464	0,08	1,47	3.324,09	56,28
NETHERLANDS	4.507	87.495	19,41	16.699	0,27	5,24	463,22	188,88
NEW ZEALAND	360	4.778	13,27	4.060	0,09	1,18	84,12	56,80
NORWAY	1.101	15.035	13,66	4.681	0,24	3,21	157,45	95,49
PORTUGAL	301	3.925	13,04	10.566	0,03	0,37	183,84	21,35
SINGAPORE	259	2.487	9,60	4.426	0,06	0,56	110,00	22,61
SLOVENIA	118	664	5,63	2.011	0,06	0,33	34,90	19,03
SOUTH KOREA	1.298	11.522	8,88	48.847	0,03	0,24	808,63	14,25
SPAIN	2.974	41.291	13,88	40.398	0,07	1,02	896,16	46,08
SWEDEN	4.293	62.231	14,50	9.002	0,48	6,91	240,96	258,26
SWITZERLAND	3.664	99.024	27,03	7.489	0,49	13,22	225,00	440,11
TAIWAN	778	7.420	9,54	23.036	0,03	0,32	kA	-
UK	12.556	246.746	19,65	61.058	0,21	4,04	1.577,48	156,42
USA	50.856	1.228.654	24,16	302.791	0,17	4,06	9.914,55	123,92



Top 30 - Material Science

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	6.430	30.996	4,82	20.093	0,32	1,54	545,77	56,79
AUSTRIA	2.780	15.215	5,47	8.185	0,34	1,86	233,10	65,27
BELGIUM	3.521	19.904	5,65	10.364	0,34	1,92	283,06	70,32
CANADA	10.168	51.993	5,11	33.099	0,31	1,57	885,10	58,74
CZECH REPUBLIC	2.889	11.017	3,81	10.241	0,28	1,08	165,76	66,46
DENMARK	1.457	10.001	6,86	5.536	0,26	1,81	154,05	64,92
ESTONIA	219	1.607	7,34	1.333	0,16	1,21	15,60	103,01
FINLAND	2.540	12.418	4,89	5.223	0,49	2,38	135,18	91,86
FRANCE	20.238	115.457	5,70	63.470	0,32	1,82	1.593,88	72,44
GERMANY	31.166	169.487	5,44	82.422	0,38	2,06	2.162,49	78,38
GREECE	2.140	8.287	3,87	10.668	0,20	0,78	165,76	49,99
HUNGARY	1.588	5.672	3,57	10.007	0,16	0,57	135,25	41,94
ICELAND	-	-	-	297	-	-	8,33	-
IRELAND	1.140	6.288	5,52	4.016	0,28	1,57	114,73	54,81
ISRAEL	2.387	18.751	7,86	7.026	0,34	2,67	150,00	125,01
ITALY	9.210	46.151	5,01	58.134	0,16	0,79	1.471,93	31,35
JAPAN	48.373	233.717	4,83	127.464	0,38	1,83	3.324,09	70,31
NETHERLANDS	4.429	33.047	7,46	16.699	0,27	1,98	463,22	71,34
NEW ZEALAND	855	3.667	4,29	4.060	0,21	0,90	84,12	43,59
NORWAY	1.084	5.671	5,23	4.681	0,23	1,21	157,45	36,02
PORTUGAL	3.390	13.578	4,01	10.566	0,32	1,29	183,84	73,86
SINGAPORE	4.577	23.645	5,17	4.426	1,03	5,34	110,00	214,95
SLOVENIA	1.415	4.688	3,31	2.011	0,70	2,33	34,90	134,33
SOUTH KOREA	18.597	73.515	3,95	48.847	0,38	1,51	808,63	90,91
SPAIN	9.579	46.266	4,83	40.398	0,24	1,15	896,16	51,63
SWEDEN	6.017	33.096	5,50	9.002	0,67	3,68	240,96	137,35
SWITZERLAND	4.089	29.175	7,13	7.489	0,55	3,90	225,00	129,67
TAIWAN	8.889	37.695	4,24	23.036	0,39	1,64	kA	-
UK	22.936	138.333	6,03	61.058	0,38	2,27	1.577,48	87,69
USA	66.850	522.300	7,81	302.791	0,22	1,72	9.914,55	52,68



Top 30 - Mathematics

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	5.498	17.732	3,23	20.093	0,27	0,88	545,77	32,49
AUSTRIA	2.025	6.801	3,36	8.185	0,25	0,83	233,10	29,18
BELGIUM	2.776	9.234	3,33	10.364	0,27	0,89	283,06	32,62
CANADA	10.525	30.680	2,91	33.099	0,32	0,93	885,10	34,66
CZECH REPUBLIC	1.902	4.640	2,44	10.241	0,19	0,45	165,76	27,99
DENMARK	1.358	5.063	3,73	5.536	0,25	0,91	154,05	32,87
ESTONIA	144	269	1,87	1.333	0,11	0,20	15,60	17,24
FINLAND	1.333	4.102	3,08	5.223	0,26	0,79	135,18	30,34
FRANCE	21.023	64.451	3,07	63.470	0,33	1,02	1.593,88	40,44
GERMANY	17.385	54.591	3,14	82.422	0,21	0,66	2.162,49	25,24
GREECE	1.743	3.973	2,28	10.668	0,16	0,37	165,76	23,97
HUNGARY	2.452	4.850	1,98	10.007	0,25	0,48	135,25	35,86
ICELAND	-	-	-	297	-	-	8,33	-
IRELAND	862	1.939	2,25	4.016	0,21	0,48	114,73	16,90
ISRAEL	4.654	14.746	3,17	7.026	0,66	2,10	150,00	98,31
ITALY	11.270	29.933	2,66	58.134	0,19	0,51	1.471,93	20,34
JAPAN	11.524	23.983	2,08	127.464	0,09	0,19	3.324,09	7,21
NETHERLANDS	3.350	11.260	3,36	16.699	0,20	0,67	463,22	24,31
NEW ZEALAND	1.175	3.533	3,01	4.060	0,29	0,87	84,12	42,00
NORWAY	1.078	3.781	3,51	4.681	0,23	0,81	157,45	24,01
PORTUGAL	1.472	3.078	2,09	10.566	0,14	0,29	183,84	16,74
SINGAPORE	1.224	4.064	3,32	4.426	0,28	0,92	110,00	36,95
SLOVENIA	803	1.911	2,38	2.011	0,40	0,95	34,90	54,76
SOUTH KOREA	4.029	7.301	1,81	48.847	0,08	0,15	808,63	9,03
SPAIN	9.194	23.015	2,50	40.398	0,23	0,57	896,16	25,68
SWEDEN	2.511	8.107	3,23	9.002	0,28	0,90	240,96	33,64
SWITZERLAND	2.330	8.237	3,54	7.489	0,31	1,10	225,00	36,61
TAIWAN	2.773	6.953	2,51	23.036	0,12	0,30	kA	-
UK	13.105	48.077	3,67	61.058	0,21	0,79	1.577,48	30,48
USA	61.023	225.382	3,69	302.791	0,20	0,74	9.914,55	22,73



Top 30 - Microbiology

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	4.307	62.024	14,40	20.093	0,21	3,09	545,77	113,64
AUSTRIA	1.318	19.062	14,46	8.185	0,16	2,33	233,10	81,78
BELGIUM	2.743	46.342	16,89	10.364	0,26	4,47	283,06	163,72
CANADA	5.671	84.432	14,89	33.099	0,17	2,55	885,10	95,39
CZECH REPUBLIC	1.223	7.863	6,43	10.241	0,12	0,77	165,76	47,44
DENMARK	2.067	34.414	16,65	5.536	0,37	6,22	154,05	223,40
ESTONIA	129	1.292	10,02	1.333	0,10	0,97	15,60	82,82
FINLAND	1.356	18.608	13,72	5.223	0,26	3,56	135,18	137,65
FRANCE	10.983	172.986	15,75	63.470	0,17	2,73	1.593,88	108,53
GERMANY	13.870	219.672	15,84	82.422	0,17	2,67	2.162,49	101,58
GREECE	646	4.740	7,34	10.668	0,06	0,44	165,76	28,60
HUNGARY	557	5.055	9,08	10.007	0,06	0,51	135,25	37,38
ICELAND	73	723	9,90	297	0,25	2,44	8,33	86,79
IRELAND	828	14.675	17,72	4.016	0,21	3,65	114,73	127,91
ISRAEL	1.336	16.329	12,22	7.026	0,19	2,32	150,00	108,86
ITALY	4.706	48.906	10,39	58.134	0,08	0,84	1.471,93	33,23
JAPAN	12.639	129.937	10,28	127.464	0,10	1,02	3.324,09	39,09
NETHERLANDS	4.499	79.151	17,59	16.699	0,27	4,74	463,22	170,87
NEW ZEALAND	747	8.715	11,67	4.060	0,18	2,15	84,12	103,60
NORWAY	845	12.482	14,77	4.681	0,18	2,67	157,45	79,28
PORTUGAL	824	6.910	8,39	10.566	0,08	0,65	183,84	37,59
SINGAPORE	532	5.937	11,16	4.426	0,12	1,34	110,00	53,97
SLOVENIA	239	1.755	7,34	2.011	0,12	0,87	34,90	50,29
SOUTH KOREA	4.271	23.368	5,47	48.847	0,09	0,48	808,63	28,90
SPAIN	6.299	69.818	11,08	40.398	0,16	1,73	896,16	77,91
SWEDEN	2.823	43.876	15,54	9.002	0,31	4,87	240,96	182,09
SWITZERLAND	2.914	56.140	19,27	7.489	0,39	7,50	225,00	249,51
TAIWAN	1.270	12.057	9,49	23.036	0,06	0,52	kA	-
UK	15.421	263.074	17,06	61.058	0,25	4,31	1.577,48	166,77
USA	48.697	940.687	19,32	302.791	0,16	3,11	9.914,55	94,88



Top 30 - Molecular Biology & Genetics

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	6.202	135.496	21,85	20.093	0,31	6,74	545,77	248,27
AUSTRIA	2.280	68.544	30,06	8.185	0,28	8,37	233,10	294,05
BELGIUM	3.381	73.568	21,76	10.364	0,33	7,10	283,06	259,90
CANADA	12.674	318.693	25,15	33.099	0,38	9,63	885,10	360,06
CZECH REPUBLIC	1.117	14.840	13,29	10.241	0,11	1,45	165,76	89,53
DENMARK	2.618	66.226	25,30	5.536	0,47	11,96	154,05	429,90
ESTONIA	206	4.113	19,97	1.333	0,15	3,09	15,60	263,65
FINLAND	2.443	60.017	24,57	5.223	0,47	11,49	135,18	443,98
FRANCE	17.463	427.380	24,47	63.470	0,28	6,73	1.593,88	268,14
GERMANY	24.101	622.230	25,82	82.422	0,29	7,55	2.162,49	287,74
GREECE	919	17.123	18,63	10.668	0,09	1,61	165,76	103,30
HUNGARY	1.111	16.175	14,56	10.007	0,11	1,62	135,25	119,59
ICELAND	139	6.848	49,27	297	0,47	23,08	8,33	822,09
IRELAND	1.003	19.710	19,65	4.016	0,25	4,91	114,73	171,79
ISRAEL	3.436	97.573	28,40	7.026	0,49	13,89	150,00	650,49
ITALY	10.553	197.086	18,68	58.134	0,18	3,39	1.471,93	133,90
JAPAN	23.906	481.461	20,14	127.464	0,19	3,78	3.324,09	144,84
NETHERLANDS	6.740	174.880	25,95	16.699	0,40	10,47	463,22	377,53
NEW ZEALAND	866	14.359	16,58	4.060	0,21	3,54	84,12	170,70
NORWAY	1.344	28.068	20,88	4.681	0,29	6,00	157,45	178,27
PORTUGAL	927	13.197	14,24	10.566	0,09	1,25	183,84	71,79
SINGAPORE	1.003	19.710	19,65	4.426	0,23	4,45	110,00	179,18
SLOVENIA	261	2.718	10,41	2.011	0,13	1,35	34,90	77,88
SOUTH KOREA	2.949	29.480	10,00	48.847	0,06	0,60	808,63	36,46
SPAIN	6.488	115.269	17,77	40.398	0,16	2,85	896,16	128,63
SWEDEN	5.002	117.156	23,42	9.002	0,56	13,01	240,96	486,21
SWITZERLAND	6.123	193.338	31,58	7.489	0,82	25,81	225,00	859,28
TAIWAN	1.584	18.748	11,84	23.036	0,07	0,81	kA	-
UK	27.199	817.075	30,04	61.058	0,45	13,38	1.577,48	517,96
USA	111.672	3.533.945	31,65	302.791	0,37	11,67	9.914,55	356,44



Top 30 - Neuroscience & Behavior

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	6.599	93.246	14,13	20.093	0,33	4,64	545,77	170,85
AUSTRIA	2.644	43.926	16,61	8.185	0,32	5,37	233,10	188,44
BELGIUM	3.257	50.930	15,64	10.364	0,31	4,91	283,06	179,93
CANADA	16.947	298.836	17,63	33.099	0,51	9,03	885,10	337,63
CZECH REPUBLIC	702	7.356	10,48	10.241	0,07	0,72	165,76	44,38
DENMARK	2.576	40.609	15,76	5.536	0,47	7,34	154,05	263,61
ESTONIA	212	2.594	12,24	1.333	0,16	1,95	15,60	166,28
FINLAND	3.137	49.161	15,67	5.223	0,60	9,41	135,18	363,67
FRANCE	16.051	258.270	16,09	63.470	0,25	4,07	1.593,88	162,04
GERMANY	25.431	432.206	17,00	82.422	0,31	5,24	2.162,49	199,86
GREECE	961	9.475	9,86	10.668	0,09	0,89	165,76	57,16
HUNGARY	2.240	28.568	12,75	10.007	0,22	2,85	135,25	211,22
ICELAND	69	889	12,88	297	0,23	3,00	8,33	106,72
IRELAND	880	13.856	15,75	4.016	0,22	3,45	114,73	120,77
ISRAEL	3.872	62.702	16,19	7.026	0,55	8,92	150,00	418,01
ITALY	16.330	206.004	12,62	58.134	0,28	3,54	1.471,93	139,96
JAPAN	24.528	299.595	12,21	127.464	0,19	2,35	3.324,09	90,13
NETHERLANDS	7.991	118.965	14,89	16.699	0,48	7,12	463,22	256,82
NEW ZEALAND	1.136	15.378	13,54	4.060	0,28	3,79	84,12	182,81
NORWAY	1.529	25.736	16,83	4.681	0,33	5,50	157,45	163,46
PORTUGAL	757	8.049	10,63	10.566	0,07	0,76	183,84	43,78
SINGAPORE	622	5.449	8,76	4.426	0,14	1,23	110,00	49,54
SLOVENIA	177	1.016	5,74	2.011	0,09	0,51	34,90	29,11
SOUTH KOREA	3.025	27.064	8,95	48.847	0,06	0,55	808,63	33,47
SPAIN	7.904	99.336	12,57	40.398	0,20	2,46	896,16	110,85
SWEDEN	6.993	121.481	17,37	9.002	0,78	13,50	240,96	504,15
SWITZERLAND	5.941	117.743	19,82	7.489	0,79	15,72	225,00	523,30
TAIWAN	1.881	16.292	8,66	23.036	0,08	0,71	kA	-
UK	26.430	535.777	20,27	61.058	0,43	8,77	1.577,48	339,64
USA	113.865	2.441.494	21,44	302.791	0,38	8,06	9.914,55	246,25



Top 30 - Pharmacology & Toxicology

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	3.379	34.740	10,28	20.093	0,17	1,73	545,77	63,65
AUSTRIA	1.311	12.970	9,89	8.185	0,16	1,58	233,10	55,64
BELGIUM	2.278	24.444	10,73	10.364	0,22	2,36	283,06	86,36
CANADA	5.680	67.879	11,95	33.099	0,17	2,05	885,10	76,69
CZECH REPUBLIC	683	4.424	6,48	10.241	0,07	0,43	165,76	26,69
DENMARK	1.460	15.378	10,53	5.536	0,26	2,78	154,05	99,82
ESTONIA	72	727	10,10	1.333	0,05	0,55	15,60	46,60
FINLAND	1.437	14.050	9,78	5.223	0,28	2,69	135,18	103,94
FRANCE	7.933	85.493	10,78	63.470	0,12	1,35	1.593,88	53,64
GERMANY	11.421	117.035	10,25	82.422	0,14	1,42	2.162,49	54,12
GREECE	827	4.708	5,69	10.668	0,08	0,44	165,76	28,40
HUNGARY	1.090	9.628	8,83	10.007	0,11	0,96	135,25	71,19
ICELAND	119	1.089	9,15	297	0,40	3,67	8,33	130,73
IRELAND	524	5.227	9,98	4.016	0,13	1,30	114,73	45,56
ISRAEL	1.031	12.854	12,47	7.026	0,15	1,83	150,00	85,69
ITALY	7.433	71.419	9,61	58.134	0,13	1,23	1.471,93	48,52
JAPAN	19.158	145.144	7,58	127.464	0,15	1,14	3.324,09	43,66
NETHERLANDS	3.616	41.844	11,57	16.699	0,22	2,51	463,22	90,33
NEW ZEALAND	1.230	17.038	13,85	4.060	0,30	4,20	84,12	202,54
NORWAY	754	6.850	9,08	4.681	0,16	1,46	157,45	43,51
PORTUGAL	692	5.098	7,37	10.566	0,07	0,48	183,84	27,73
SINGAPORE	528	3.999	7,57	4.426	0,12	0,90	110,00	36,35
SLOVENIA	261	1.341	5,14	2.011	0,13	0,67	34,90	38,42
SOUTH KOREA	4.924	25.735	5,23	48.847	0,10	0,53	808,63	31,83
SPAIN	4.324	33.425	7,73	40.398	0,11	0,83	896,16	37,30
SWEDEN	3.121	39.335	12,60	9.002	0,35	4,37	240,96	163,24
SWITZERLAND	2.689	41.495	15,43	7.489	0,36	5,54	225,00	184,42
TAIWAN	2.629	16.673	6,34	23.036	0,11	0,72	kA	-
UK	12.536	174.577	13,93	61.058	0,21	2,86	1.577,48	110,67
USA	45.530	593.762	13,04	302.791	0,15	1,96	9.914,55	59,89

Top 30 - Physics

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	13.923	107.453	7,72	20.093	0,69	5,35	545,77	196,88
AUSTRIA	8.600	90.059	10,47	8.185	1,05	11,00	233,10	386,35
BELGIUM	11.307	90.325	7,99	10.364	1,09	8,71	283,06	319,10
CANADA	22.564	202.893	8,99	33.099	0,68	6,13	885,10	229,23
CZECH REPUBLIC	7.544	44.110	5,85	10.241	0,74	4,31	165,76	266,11
DENMARK	7.416	87.861	11,85	5.536	1,34	15,87	154,05	570,34
ESTONIA	761	3.934	5,17	1.333	0,57	2,95	15,60	252,18
FINLAND	6.546	61.534	9,40	5.223	1,25	11,78	135,18	455,20
FRANCE	69.599	589.633	8,47	63.470	1,10	9,29	1.593,88	369,94
GERMANY	97.526	949.377	9,73	82.422	1,18	11,52	2.162,49	439,02
GREECE	6.256	45.836	7,33	10.668	0,59	4,30	165,76	276,52
HUNGARY	5.548	43.164	7,78	10.007	0,55	4,31	135,25	319,14
ICELAND	171	752	4,40	297	0,58	2,53	8,33	90,28
IRELAND	2.667	19.876	7,45	4.016	0,66	4,95	114,73	173,24
ISRAEL	12.998	126.123	9,70	7.026	1,85	17,95	150,00	840,82
ITALY	46.037	388.757	8,44	58.134	0,79	6,69	1.471,93	264,11
JAPAN	109.663	780.124	7,11	127.464	0,86	6,12	3.324,09	234,69
NETHERLANDS	16.243	175.935	10,83	16.699	0,97	10,54	463,22	379,81
NEW ZEALAND	1.792	16.653	9,29	4.060	0,44	4,10	84,12	197,97
NORWAY	3.098	24.563	7,93	4.681	0,66	5,25	157,45	156,01
PORTUGAL	4.956	35.799	7,22	10.566	0,47	3,39	183,84	194,73
SINGAPORE	5.758	25.947	4,51	4.426	1,30	5,86	110,00	235,88
SLOVENIA	2.233	17.103	7,66	2.011	1,11	8,50	34,90	490,06
SOUTH KOREA	29.068	160.668	5,53	48.847	0,60	3,29	808,63	198,69
SPAIN	25.857	220.841	8,54	40.398	0,64	5,47	896,16	246,43
SWEDEN	14.357	129.318	9,01	9.002	1,59	14,37	240,96	536,68
SWITZERLAND	20.591	264.375	12,84	7.489	2,75	35,30	225,00	1.175,00
TAIWAN	15.483	77.196	4,99	23.036	0,67	3,35	kA	-
UK	61.205	596.866	9,75	61.058	1,00	9,78	1.577,48	378,37
USA	201.062	2.322.789	11,55	302.791	0,66	7,67	9.914,55	234,28



Top 30 - Plant & Animal Science

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	23.553	165.847	7,04	20.093	1,17	8,25	545,77	303,88
AUSTRIA	4.456	27.088	6,08	8.185	0,54	3,31	233,10	116,21
BELGIUM	7.959	57.123	7,18	10.364	0,77	5,51	283,06	201,81
CANADA	29.075	209.227	7,20	33.099	0,88	6,32	885,10	236,39
CZECH REPUBLIC	4.639	20.747	4,47	10.241	0,45	2,03	165,76	125,16
DENMARK	6.823	56.615	8,30	5.536	1,23	10,23	154,05	367,51
ESTONIA	679	4.098	6,04	1.333	0,51	3,07	15,60	262,69
FINLAND	5.097	33.488	6,57	5.223	0,98	6,41	135,18	247,73
FRANCE	25.050	190.001	7,58	63.470	0,39	2,99	1.593,88	119,21
GERMANY	33.659	251.812	7,48	82.422	0,41	3,06	2.162,49	116,45
GREECE	3.101	13.266	4,28	10.668	0,29	1,24	165,76	80,03
HUNGARY	3.168	14.063	4,44	10.007	0,32	1,41	135,25	103,98
ICELAND	416	2.876	6,91	297	1,40	9,69	8,33	345,26
IRELAND	2.077	11.429	5,50	4.016	0,52	2,85	114,73	99,62
ISRAEL	5.017	41.098	8,19	7.026	0,71	5,85	150,00	273,99
ITALY	13.385	73.714	5,51	58.134	0,23	1,27	1.471,93	50,08
JAPAN	35.368	206.036	5,83	127.464	0,28	1,62	3.324,09	61,98
NETHERLANDS	11.818	105.952	8,97	16.699	0,71	6,34	463,22	228,73
NEW ZEALAND	7.213	46.317	6,42	4.060	1,78	11,41	84,12	550,61
NORWAY	5.755	42.245	7,34	4.681	1,23	9,02	157,45	268,31
PORTUGAL	3.217	16.107	5,01	10.566	0,30	1,52	183,84	87,61
SINGAPORE	1.028	6.101	5,93	4.426	0,23	1,38	110,00	55,46
SLOVENIA	747	2.214	2,96	2.011	0,37	1,10	34,90	63,44
SOUTH KOREA	5.053	23.996	4,75	48.847	0,10	0,49	808,63	29,67
SPAIN	18.140	107.900	5,95	40.398	0,45	2,67	896,16	120,40
SWEDEN	8.938	78.288	8,76	9.002	0,99	8,70	240,96	324,90
SWITZERLAND	7.558	66.794	8,84	7.489	1,01	8,92	225,00	296,86
TAIWAN	3.881	19.625	5,06	23.036	0,17	0,85	kA	-
UK	41.506	400.894	9,66	61.058	0,68	6,57	1.577,48	254,14
USA	141.890	1.138.112	8,02	302.791	0,47	3,76	9.914,55	114,79



Top 30 - Psychiatry & Psychology

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	9.008	66.558	7,39	20.093	0,45	3,31	545,77	121,95
AUSTRIA	1.179	7.853	6,66	8.185	0,14	0,96	233,10	33,69
BELGIUM	2.310	17.265	7,47	10.364	0,22	1,67	283,06	60,99
CANADA	14.704	138.786	9,44	33.099	0,44	4,19	885,10	156,80
CZECH REPUBLIC	494	1.646	3,33	10.241	0,05	0,16	165,76	9,93
DENMARK	1.164	9.351	8,03	5.536	0,21	1,69	154,05	60,70
ESTONIA	146	766	5,25	1.333	0,11	0,57	15,60	49,10
FINLAND	1.899	16.556	8,72	5.223	0,36	3,17	135,18	122,47
FRANCE	4.890	34.354	7,03	63.470	0,08	0,54	1.593,88	21,55
GERMANY	14.075	92.311	6,56	82.422	0,17	1,12	2.162,49	42,69
GREECE	725	2.724	3,76	10.668	0,07	0,26	165,76	16,43
HUNGARY	315	2.900	9,21	10.007	0,03	0,29	135,25	21,44
ICELAND	131	868	6,63	297	0,44	2,93	8,33	104,20
IRELAND	895	6.530	7,30	4.016	0,22	1,63	114,73	56,92
ISRAEL	3.635	26.462	7,28	7.026	0,52	3,77	150,00	176,41
ITALY	3.715	33.006	8,88	58.134	0,06	0,57	1.471,93	22,42
JAPAN	3.799	16.556	4,36	127.464	0,03	0,13	3.324,09	4,98
NETHERLANDS	7.825	70.371	8,99	16.699	0,47	4,21	463,22	151,92
NEW ZEALAND	2.002	16.724	8,35	4.060	0,49	4,12	84,12	198,81
NORWAY	1.697	11.604	6,84	4.681	0,36	2,48	157,45	73,70
PORTUGAL	296	1.375	4,65	10.566	0,03	0,13	183,84	7,48
SINGAPORE	383	1.834	4,79	4.426	0,09	0,41	110,00	16,67
SLOVENIA	119	429	3,61	2.011	0,06	0,21	34,90	12,29
SOUTH KOREA	665	3.664	5,51	48.847	0,01	0,08	808,63	4,53
SPAIN	4.358	18.733	4,30	40.398	0,11	0,46	896,16	20,90
SWEDEN	2.986	24.593	8,24	9.002	0,33	2,73	240,96	102,06
SWITZERLAND	2.391	15.195	6,36	7.489	0,32	2,03	225,00	67,53
TAIWAN	821	4.105	5,00	23.036	0,04	0,18	kA	-
UK	25.614	248.503	9,70	61.058	0,42	4,07	1.577,48	157,53
USA	110.040	1.108.400	10,07	302.791	0,36	3,66	9.914,55	111,80

Top 30 - Social Sciences

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	13.362	45.798	3,43	20.093	0,66	2,28	545,77	83,91
AUSTRIA	1.201	2.725	2,27	8.185	0,15	0,33	233,10	11,69
BELGIUM	2.189	6.815	3,11	10.364	0,21	0,66	283,06	24,08
CANADA	18.551	68.725	3,70	33.099	0,56	2,08	885,10	77,65
CZECH REPUBLIC	690	589	0,85	10.241	0,07	0,06	165,76	3,55
DENMARK	1.741	7.092	4,07	5.536	0,31	1,28	154,05	46,04
ESTONIA	217	548	2,53	1.333	0,16	0,41	15,60	35,13
FINLAND	2.344	9.945	4,24	5.223	0,45	1,90	135,18	73,57
FRANCE	5.015	13.463	2,68	63.470	0,08	0,21	1.593,88	8,45
GERMANY	9.752	21.860	2,24	82.422	0,12	0,27	2.162,49	10,11
GREECE	931	2.348	2,52	10.668	0,09	0,22	165,76	14,17
HUNGARY	501	1.437	2,87	10.007	0,05	0,14	135,25	10,62
ICELAND	174	675	3,88	297	0,59	2,27	8,33	81,03
IRELAND	1.164	3.521	3,02	4.016	0,29	0,88	114,73	30,69
ISRAEL	4.143	11.850	2,86	7.026	0,59	1,69	150,00	79,00
ITALY	2.700	9.419	3,49	58.134	0,05	0,16	1.471,93	6,40
JAPAN	2.845	7.376	2,59	127.464	0,02	0,06	3.324,09	2,22
NETHERLANDS	7.735	32.204	4,16	16.699	0,46	1,93	463,22	69,52
NEW ZEALAND	2.651	8.705	3,28	4.060	0,65	2,14	84,12	103,48
NORWAY	2.412	9.109	3,78	4.681	0,52	1,95	157,45	57,85
PORTUGAL	382	884	2,31	10.566	0,04	0,08	183,84	4,81
SINGAPORE	1.219	3.615	2,97	4.426	0,28	0,82	110,00	32,86
SLOVENIA	347	458	1,32	2.011	0,17	0,23	34,90	13,12
SOUTH KOREA	1.647	3.332	2,02	48.847	0,03	0,07	808,63	4,12
SPAIN	2.721	7.737	2,84	40.398	0,07	0,19	896,16	8,63
SWEDEN	4.845	19.802	4,09	9.002	0,54	2,20	240,96	82,18
SWITZERLAND	2.314	8.000	3,46	7.489	0,31	1,07	225,00	35,56
TAIWAN	1.865	4.118	2,21	23.036	0,08	0,18	kA	-
UK	45.585	176.158	3,86	61.058	0,75	2,89	1.577,48	111,67
USA	175.577	789.541	4,50	302.791	0,58	2,61	9.914,55	79,63



Top 30 - Space Science

Country	Papers 1997-2006	Citations 1997-2006	Citations per Paper	Population in 1000 (2006)	Papers per 1000 Pop.	Citation per 1000 Pop.	Ø GDP 1996- 2005 (Mrd.\$)	Citation per GDP (Mrd.\$)
AUSTRALIA	4.443	73.835	16,62	20.093	0,22	3,67	545,77	135,29
AUSTRIA	1.179	9.456	8,02	8.185	0,14	1,16	233,10	40,57
BELGIUM	1.601	16.811	10,50	10.364	0,15	1,62	283,06	59,39
CANADA	4.828	81.527	16,89	33.099	0,15	2,46	885,10	92,11
CZECH REPUBLIC	955	6.364	6,66	10.241	0,09	0,62	165,76	38,39
DENMARK	1.440	23.786	16,52	5.536	0,26	4,30	154,05	154,40
ESTONIA	157	1.324	8,43	1.333	0,12	0,99	15,60	84,87
FINLAND	1.411	12.343	8,75	5.223	0,27	2,36	135,18	91,31
FRANCE	12.591	152.591	12,12	63.470	0,20	2,40	1.593,88	95,74
GERMANY	15.611	231.373	14,82	82.422	0,19	2,81	2.162,49	106,99
GREECE	1.037	7.432	7,17	10.668	0,10	0,70	165,76	44,84
HUNGARY	695	11.840	17,04	10.007	0,07	1,18	135,25	87,54
ICELAND	47	673	14,32	297	0,16	2,27	8,33	80,79
IRELAND	514	5.449	10,60	4.016	0,13	1,36	114,73	47,49
ISRAEL	1.369	23.805	17,39	7.026	0,19	3,39	160,00	148,78
ITALY	10.382	142.343	13,71	58.134	0,18	2,45	1.471,93	96,71
JAPAN	7.880	86.119	10,93	127.464	0,06	0,68	3.324,09	25,91
NETHERLANDS	5.304	87.111	16,42	16.699	0,32	5,22	463,22	188,06
NEW ZEALAND	335	3.748	11,19	4.060	0,08	0,92	84,12	44,56
NORWAY	598	6.950	11,62	4.681	0,13	1,48	157,45	44,14
PORTUGAL	615	7.463	12,13	10.566	0,06	0,71	183,84	40,60
SINGAPORE	-	-	-	4.426	-	-	110,00	-
SLOVENIA	67	556	8,30	2.011	0,03	0,28	34,90	15,93
SOUTH KOREA	978	8.104	8,29	48.847	0,02	0,17	808,63	10,02
SPAIN	5.916	69.266	11,71	40.398	0,15	1,71	896,16	77,29
SWEDEN	1.933	24.918	12,89	9.002	0,21	2,77	240,96	103,41
SWITZERLAND	2.377	34.115	14,35	7.489	0,32	4,56	225,00	151,62
TAIWAN	613	4.928	8,04	23.036	0,03	0,21	kA	-
UK	17.498	278.062	15,89	61.058	0,29	4,55	1.577,48	176,27
USA	50.677	829.503	16,37	302.791	0,17	2,74	9.914,55	83,67