

# National Journals: Giving Vent to the National Scientific Production

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The Netherlands publish twelve times  
more journals than Denmark

## Articles published by BICSS Countries and Nordic Countries in the Web of Science

Countries	1998	2012	Growth in the number of Articles
BICSS Countries: Brazil, India, China, South Africa , South Korea	77,766	466,323	6.00 X
NORDIC Countries: Denmark, Finland, Norway, Iceland, Sweden	43,282	72,778	1.68 X

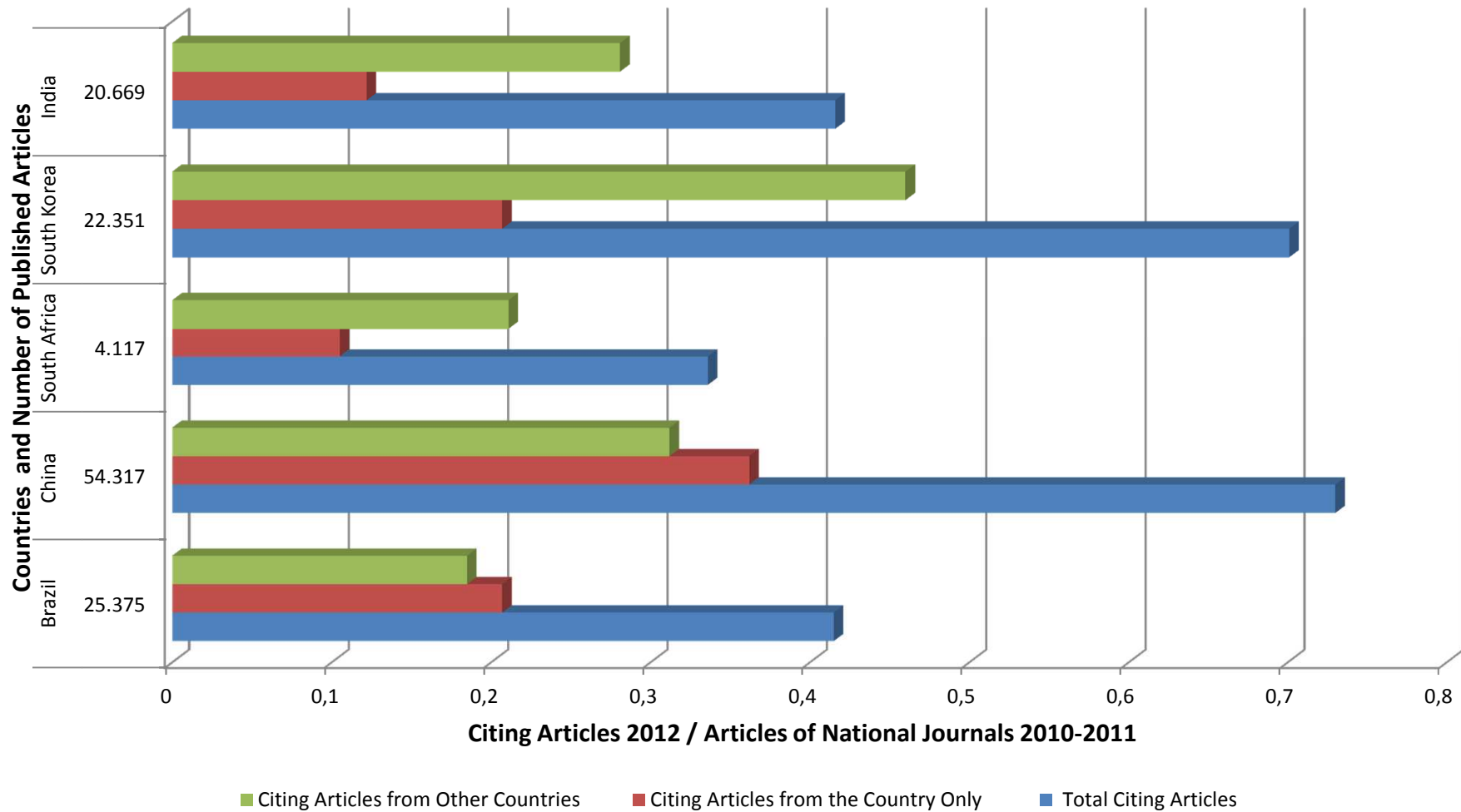
## Number of Articles\* Published in 2012 in the Web of Science

	Total	With Country Authors	With Other Country Authors	% of Articles With Country Authors
Brazil	13149	10905	2244	82.9
China	29167	24216	4951	83.0
India	11179	6254	4655	55.9
South Africa	2397	1563	834	65.2
South Korea	11969	7843	4126	65.5
Denmark	9018	631	8387	7.0
Finland	629	120	509	19.1
Iceland	57	43	14	only 3 journals
Norway	2833	328	2505	11.6
Sweden	2414	409	2005	16.9

\*Articles, Reviews and Proceeding Papers

Source: Web of Science

## National and International Impact of Articles from BICSS Countries



Source: Web of Science

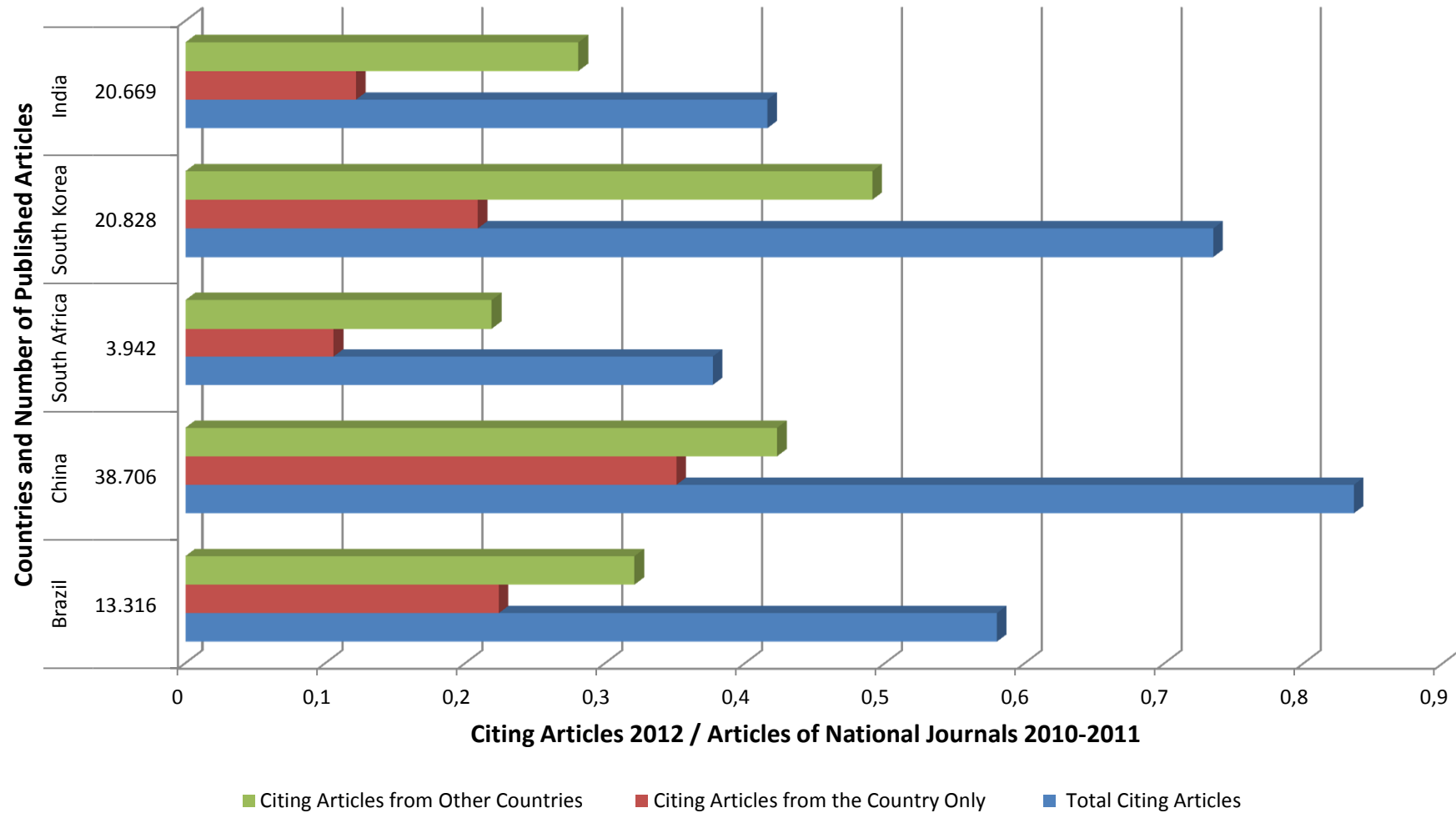
Classification according to Citing Articles in 2012 to Articles of 2010-2011

	Total Citing Articles	Citing Articles from the own Country	Citing Articles from Other Countries
Brazil	4th	3rd	5th
China	1st	1st	2nd
India	3rd	4th	3rd
South Africa	5th	5th	4th
South Korea	2nd	2nd	1st

# English Use in National WoS Journals

Brazil	50.3 %
China	73.5 %
South Korea	93.2%
South Africa	95.8 %
India	100.0 %

## National and International Impact of Articles (in English) from BICSS Countries





Classification according to Citing Articles in 2012 to Articles of 2010-2011 (Articles in English)

	Total Citing Articles	Citing Articles from the own Country	Citing Articles from Other Countries
Brazil	3rd	2nd	3rd
China	1st	1st	2nd
India	4th	4th	4th
South Africa	5th	5th	5th
South Korea	2nd	3rd	1st

## Conclusions

1- national journals is a proper denomination in the case of emerging and developing countries, in the sense that they are dedicated to publish national articles primarily (They give vent to national articles)

2-For journals published in developed countries articles from this same country are in general a minority

3- In the case of the 5 emerging countries citing articles from other countries are slightly more than citing articles from the own country. In developed countries the difference is much higher. Although not shown, for articles from Sweden published in 2010-2011, for instance, 85% of the citations were from other countries.