REFERENCIAS BIBLIOGRÁFICAS

Abolghassemi, M. A., & Jouyban, A. (2011). Scientometric analysis of the major Iranian medical universities. *Scientometrics*, *87*(1), 205–220. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-79952002177&partnerID=40&md5=-657185388caf7526ed9a97ef7f363627

Abramo, G., Cicero, T., & D'Angelo, C. A. (2011). The dangers of performance-based research funding in non-competitive higher education systems. *Scientometrics*, *87*(3), 641–654. doi:10.1007/s11192-011-0355-4

Abramo, G., & D'Angelo, C. A. (2010). National-scale research performance assessment at the individual level. *Scientometrics*, *86*(2), 347–364. doi:10.1007/s11192-010-0297-2

Abramo, G., & D'Angelo, C. A. (2011). National-scale research performance assessment at the individual level. *Scientometrics*, *86*(2), 347–364. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-78650993763&partnerID=40&md5=ac9090ef4cb8464b890d5695d501c63a

Abramo, G., D'Angelo, C. A., & Cicero, T. (2012). What is the appropriate length of the publication period over which to assess research performance? *Scientometrics*, *93*(3), 1005–1017. doi:10.1007/s11192-012-0714-9

Abramo, G., D'Angelo, C. A., & Costa, F. Di. (2009). Research Collaboration and Productivity: Is There Correlation? *Higher Education*, *57*(2), 155–171. doi:10.2307/40269114

Abramo, G., D'Angelo, C. A., & Di Costa, F. (2010). Citations versus journal impact factor as proxy of quality: Could the latter ever be preferable? *Scientometrics*, *84*(3), 821–833. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-77954956331&partnerID=40&md5=4593b58a8027c03f08e34807245a4a89

Abramo, G., D'Angelo, C. A., & Di Costa, F. (2011). A national-scale cross-time analysis of university research performance. *Scientometrics*, *87*(2), 399–413. doi:10.1007/s11192-010-0319-0

Abramo, G., D'Angelo, C. A., & Solazzi, M. (2010). National research assessment exercises: A measure of the distortion of performance rankings when labor input is treated as uniform. *Scientometrics*, *84*(3), 605–619. doi:10.1007/s11192-010-0164-1

Abrizah, A., & Wee, M. (2011). Malaysia's Computer Science research productivity based on publications in the Web of Science, 2000-2010, *16*(1), 109–124.

Albert, A., Granadino, B., & Plaza, L. (2007). Scientific and technological performance evaluation of the Spanish Council for Scientific Research (CSIC) in the field of Biotechnology. *Scientometrics*, *70*(1), 41–51.

Aleixandre-Benavent, R., Valderrama-Zurián, J. C., & González-Alcaide, G. (2007). Scientific journals impact factor: Limitations and alternative indicators. *Profesional de La Información*, *16*(1), 4–11. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-34250160168&partnerID=40&md5=0907e67d338f89c367ed835277729ce3

Álvarez, I. (2012). Entrevista para Informe de Estancia Sabática. In C. Topete-Barrera & S. P. Rojas-Berrio (Eds.), (p. 5). Ciudad de México: Universidad de São Paulo.

Amante Soria, C. (2005, June). Reprueban científicos desempeño del Conacyt. *Academia Mexicana de Ciencias*, 1–3.

Anderson, M. S. (2001). The Complex Relations between the Academy and Industry: Views from the Literature. *The Journal of Higher Education*, *72*(2), 226–246. doi:10.2307/2649323

Annibaldi, A., Truzzi, C., Illuminati, S., & Scarponi, G. (2010). Scientometric analysis of national university research performance in analytical chemistry on the basis of academic publications: Italy as case study. *Analytical and Bioanalytical Chemistry*, *398*(1), 17–26. doi:10.1007/s00216-010-3804-7

Arango, P. (2009). La farsa de las publicaciones universitarias. *El Malpensante*, *97*, 3–12.

Azma, F. (2010). Qualitative Indicators for the evaluation of universities performance. *Procedia - Social and Behavioral Sciences*, *2*(2), 5408–5411. doi:http://dx.doi.org/10.1016/j.sbspro.2010.03.882

Badar, K., Hite, J. M., & Badir, Y. F. (2012). Examining the relationship of co-authorship network centrality and gender on academic research performance: The case of chemistry researchers in Pakistan. *Scientometrics*, *94*(2), 755–775. doi:10.1007/s11192-012-0764-z

Barczyński, B. J., & Rek, M. (2011). Evaluation in science - Index Copernicus case study of multi-parametric evaluation system. *Archives of Budo*, *7*(2), 93–103. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-79960719602&partnerID=40&md5=98f74c022e4569eab0ab8753a08a7d98

Barham, B., Foltz, J., & Kim, K. (2002). Trends in University Ag-Biotech Patent Production. *Review of Agricultural Economics*, *24*(2), 294–308. doi:10.2307/1349761

Benneworth, P., & Jongbloed, B. W. (2010). Who matters to universities? A stakeholder perspective on humanities, arts and social sciences valorisation. *Higher Education*, *59*(5), 567–588. doi:10.2307/40602420

Bernard, G. W. (2000). History and Research Assessment Exercises. *Oxford Review of Education*, *26*(1), 95–106.

Bilir, S., Göğüş, E., Önal, Ö., Öztürkmen, N. D., & Yontan, T. (2012). Research performance of Turkish astronomers in the period of 1980–2010. *Scientometrics*. doi:10.1007/s11192-012-0922-3

Bordons, M., & Gómez-Fernández, I. (2002). Advantages and limitations in the use of impact factor measures for the assessment of research performance in a peripheral country. *Scientometrics*, *53*(2), 195–206.

Bornmann, L., Wallon, G., & Ledin, A. (2008). Is the <I>h</I> index related to (standard) bibliometric measures and to the assessments by peers? An investigation of the <I>h</I> index by using molecular life sciences data. *Research Evaluation*, *17*(2), 149–156. doi:10.3152/095820208X319166

Braam, R., & van den Besselaar, P. (2010). Life cycles of research groups: The case of CWTS. *Research Evaluation*, *19*(3), 173–184.

Bressan, R. a, Gerolin, J., & Mari, J. J. (2005). The modest but growing Brazilian presence in psychiatric, psychobiological and mental health research: Assessment of

the 1998-2002 period. *Brazilian Journal of Medical and Biological Research*, *38*(5), 649–59. doi:/S0100-879X2005000500001

Broadhead, L., & Howard, S. (1998). " The Art of Punishing ": The Research Assessment Exercise and the Ritualisation of Power in Higher Education, *6*(8), 1–14.

Butler, L. (2003). Explaining Australia's increased share of ISI publications—the effects of a funding formula based on publication counts. *Research Policy*, *32*(1), 143–155. doi:http://dx.doi.org/10.1016/S0048-7333(02)00007-0

Cabral, A. P., & Huet, I. (2012). Contributions for Innovative Institutional Research Quality Assessment Practices and Processes. *Procedia - Social and Behavioral Sciences*, *47*(0), 1109–1114. doi:http://dx.doi.org/10.1016/j.sbspro.2012.06.787

Cabrera, E., Jiménez, M., Navarrete, J., Pino, J. L., Romero, M. J., Sánchez, S., & Solís, F. (2007). Modelo de evaluación de los grupos de investigación andaluces mediante la construcción de un indicador sintético. In *Congreso RICYT* (pp. 1–16). Sao Pablo, Brasil. Retrieved from http://congreso.ricyt.org/files/Indicadores de Producción/Modelo de ev grupos de investigacion andaluces.pdf

Calver, M. C., Lilith, M., & Dickman, C. R. (2012). A "perverse incentive" from bibliometrics: Could National Research Assessment Exercises (NRAEs) restrict literature availability for nature conservation? *Scientometrics*. doi:10.1007/s11192-012-0908-1

Calviño, A. M. (2006). Assessment of research performance in food science and technology : Publication behavior of five Iberian-American countries (1992 – 2003). *Scientometrics*, *69*(1), 103–116.

Canet, E., & Grassy, G. (2006). Optimizing French scientific and economic performance: The Cifre system of public-private partnership in doctoral research and Servier's contribution. *Formation À La Recherche et Partenariats de Recherche Public-Privé: Contribuer Essemble À L'excellence Scvientifique et À La Croissance Économique*, *22*(6-7), 664–668. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-33745925303&partnerID=40&md5=6a965b2fa1e1f066340d3ca44b28d508

Cantú, F. J., Bustani, A., Molina, A., & Moreira, H. (2009). A knowledge-based development model: The research chair strategy. *Journal of Knowledge Management*, *13*(1), 154–170. doi:10.1108/13673270910931233

Caviglia, G., Perrella, R., Sapuppo, W., & Del Villano, N. (2010). Psychotherapy research: The contribution of the Working Group with the course of Dynamic Psychology (basic) at the Second University of Naples . *La Ricerca in Psicoterapia: Il Contributo Del Gruppo Di Lavoro Della Cattedra Di Psicologia Dinamica (base) Della Seconda Università Di Napoli*, *13*(2), 32–52. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-80054822448&partnerID=40&md5=d00d2d3a280c519098f08b637f80b541

Chu, K. L. (2003). A scientometric study of the research performance of the Institute of Molecular and Cell Biology in Singapore. *Scientometrics*, *56*(1), 95–110.

Clark, D., Clark, J., & Greenwood, A. (2010). The place of supportive, palliative and end-of-life care research in the United Kingdom Research Assessment Exercise, 2001 and 2008. *Palliative Medicine*, *24*(5), 533–543. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-77953999787&partnerID=40&md5=3b9ac9f5a34d57797b1efd98ffd6443c

Coccia, M. (2005). A scientometric model for the assessment of scientific research performance within public institutes. *Scientometrics*, *65*(3), 307–321.

Coccia, M. (2008). Research performance and bureaucracy within public research labs. *Scientometrics*, *79*(1), 93–107. doi:10.1007/s11192-009-0406-2

Colciencias. (2004). Resolución 00693 de 2004. Bogotá D.C.

Colciencias. (2008). Modelo de Medición de Grupos de Investigación.

Colciencias. (2010). Estrategia Nacional de Apropiación Social de la Ciencia, la Tecnología y la Innovación. Bogotá D.C.: Colciencias.

Colciencias. (2011). Acuerdo 03 de 2011. Bogotá D.C.: Colciencias.

Colciencias. (2012a). Fomento a la Inversión en EBT - Finbatec. Retrieved August 01, 2013, from http://www.colciencias.gov.co/programa_estrategia/fomento-la-inversi-n-en-ebt-finbatec

Colciencias. (2012b). Modelo de Perfilación de Grupos de Investigación.

Colciencias. (2012c). Modelo de Perfilación de Grupos de Investigación.

Colciencias. (2012d). Programa Ondas. Retrieved August 01, 2013, from http://www.colciencias.gov.co/programa_estrategia/programa-ondas

Colin Glass, J., McCallion, G., McKillop, D. G., Rasaratnam, S., & Stringer, K. S. (2006). Implications of variant efficiency measures for policy evaluations in UK higher education. *Socio-Economic Planning Sciences*, *40*(2), 119–142. doi:http://dx.doi.org/10.1016/j.seps.2004.10.004

Conacyt. (2011). Manual de Organización del Consejo Nacional de Ciencia y Tecnología. México.

Conacyt. (2012). Reglamento del Sistema Nacional de Investigadores. Bogotá D.C.

CONACYT. (2013). Sistema Nacional de Investigadores. Retrieved July 08, 2013, from http://www.conacyt.gob.mx/SNI/Paginas/default.aspx

Congreso de la República. (2009). Ley 1286 de 2009. Diario Oficial.

Congreso de la República de Colombia. Ley 30 (1992). Colombia. Retrieved from http://www.mineducacion.gov.co/1621/article-86437.html

Congreso de la República de Colombia. (2009). Ley 1286 de 2009. Bogotá D.C.

Congreso de la República de Colombia. Ley 530 (2012). Colombia. Retrieved from https://www.sgr.gov.co/LinkClick.aspx?fileticket=EZij8T5b0Jc=&tabid=95&mid=517

Congreso de Los Estados Unidos Mexicanos. (2002a). Ley de Ciencia y Tecnología. México.

Congreso de Los Estados Unidos Mexicanos. (2002b). Ley Orgánica del Consejo Nacional de Ciencia y Tecnología. México.

Couto, F. M., Pesquita, C., Grego, T., & Veríssimo, P. (2009). Handling self-citations using Google Scholar. *Cybermetrics*, *13*(1). Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-67650320533&partnerID=40&md5=138e210893ea1fdef592a45b9e829847

Dalp, R. (2003). Interaction between Public Research Organizations and Industry in Biotechnology. *Managerial and Decision Economics*, *24*(2/3), 171–185. doi:10.2307/30035577

Danell, R. (2011). Can the quality of scientific work be predicted using information on the author's track record? *Journal of the American Society for Information Science and Technology*, *62*(1), 50–60. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-78650095735&partnerID=40&md5=5e363b5b989c2115cb3cdac3003fb462

De Ibarrola, M. (2005). *El Sistema Nacional de Investigadores a 20 Años de su Creación*. *Borrador de Discusión* (pp. 1–36). Cuidad de México.

De Moya-Anegón, F., & Herreero-Solana, V. (2002). Visibilidad internacional de la producción científica iberoameticana en biblioteconomía y documentación (1991-2000). *Ci. Inf., Brasilia*, *31*(3), 54–65.

De Witte, K., & Rogge, N. (2010). To publish or not to publish? On the aggregation and drivers of research performance. *Scientometrics*, *85*(3), 657–680. doi:10.1007/s11192-010-0286-5

De_Greiff, A. (2012). Entrevista para Informe de Estancia Sabática. In C. Topete-Barrera & S. P. Rojas-Berrio (Eds.), (p. 14). Bogotá: Universidad de São Paulo.

De_Greiff, A., & Nieto, M. (2005). Anotaciones Para Una Agenda de Investigación Sobre Las Relaciones Tecnocientíficas Sur-Norte. *Revista de Estudios Sociales*, *22*, 59–69.

Departamento Nacional de Planeación. (2009). Política Nacional de Ciencia, Tecnología e Innovación. Bogotá D.C.

Diario Oficial. Acuerdo por el que se reforman diversos artículos del Reglamento del Sistema Nacional de Investigadores. (2012). México: http://www.conacyt.gob.mx/SNI/Documents/Reglamento_2013.pdf. Retrieved from http://www.conacyt.gob.mx/SNI/Documents/Reglamento_2013.pdf

Díaz Barriga, A. (1996). Los Programas de Evaluación (Estímulos al rendimiento académico) en la Comunidad de Investigadores. Un Estudio en la UNAM. *Revista Mexicana de Investigación Educativa*, *1*(2), 408–423.

Didou-Aupetit, S., & Etienne, G. (2010). *El Sistema Nacional de Investigadores, Veinticinco años después* (Primera ed., pp. 1–151). México: ANUIES.

Diem, A., & Wolter, S. C. (2012). The Use of Bibliometrics to Measure Research Performance in Education Sciences. *Research in Higher Education*, *54*(1), 86–114. doi:10.1007/s11162-012-9264-5

Docampo, D. (2010). Erratum to: On using the Shanghai ranking to assess the research performance of university systems. *Scientometrics*, *86*(1), 237–237. doi:10.1007/s11192-010-0315-4

Duke, J., & Moss, C. (2009). Re-visiting scholarly community engagement in the contemporary research assessment environments of Australasian universities. *Contemporaty Nurse*, *32*(1), 30–41.

Eisenmann, L. (2004). Integrating Disciplinary Perspectives into Higher Education Research: The Example of History. *The Journal of Higher Education*, *75*(1), 7–22. doi:10.2307/3838686

Erfanmanesh, A., Didegah, F., & Omidvar, S. (2010). Research productivity and impact of Library and Information Science in the Web of Science, *15*(3), 85–95.

Fairweather, J. S. (2002). The Mythologies of Faculty Productivity: Implications for Institutional Policy and Decision Making. *The Journal of Higher Education*, *73*(1), 26–48. doi:10.2307/1558446

FCCT. (2013). ¿Qué es el Foro Consultivo? Retrieved August 04, 2013, from http://www.foroconsultivo.org.mx/home/index.php/about-foro/que-es-el-fccyt

Feld, A. (2010). Planificar, Gestionar, Investigar. Debates y conflictos en la creación del CONACYT y la SECONACYT (1966-1969). *Ea*, *2*, 1–43.

Fishman, B., Marx, R. W., Blumenfeld, P., Krajcik, J., & Soloway, E. (2004). Creating a Framework for Research on Systemic Technology Innovations. *The Journal of the Learning Sciences*, *13*(1), 43–76. doi:10.2307/1466932

Flores, M., Al-Ashaab, A., & Magyar, A. (2009). A balanced scorecard for open innovation: Measuring the impact of industry-university collaboration. (C.-M. L.M., P. I., & A. H., Eds.) *IFIP Advances in Information and Communication Technology*. Research and Networking, Processes and IT, CEMEX Global Center for Technology and Innovation, CEMEX Research Group AG, Römerstrasse 13, Brügg CH 2555, Switzerland. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-70350238141&partnerID=40&md5=1846480daba7314b43d1954932ee969f

Fog, L. (2012, April 15). Colciencias : ¿Una pesadilla sin fin? *El Espectador*, pp. 1–4. Bogotá D.C.

Ford, J. B., & Merchant, A. (2008). A Ten-Year Retrospective of Advertising Research Productivity, 1997-2006. *Journal of Advertising*, *37*(3), 69–94. doi:10.2753/JOA0091-3367370306

Fox, M. F., & Mohapatra, S. (2007). Social-Organizational Characteristics of Work and Publication Productivity among Academic Scientists in Doctoral-Granting Departments. *The Journal of Higher Education*, *78*(5), 542–571. doi:10.2307/4501228

Frey, B. S. (2007). Evaluations, evaluations evaluitis . *Evaluierungen, Evaluierungen ... Evaluitis*, *8*(3), 207–220. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-34547260160&partnerID=40&md5=4cab967cce04cf4b4e5dc2ebba0fbbd5

García, J. a., Rodriguez-Sánchez, R., Fdez-Valdivia, J., Robinson-García, N., & Torres-Salinas, D. (2012). Benchmarking research performance at the university level with information theoretic measures. *Scientometrics*. doi:10.1007/s11192-012-0854-y

García-Aracil, A., & De Lucio, I. F. (2008). Industry - University interactions in a peripheral European region: An empirical study of Valencian firms. *Regional Studies*, *42*(2), 215–227.

García-Aracil, A., Gutiérrez Gracia, A., & Pérez-Marín, M. (2006). Analysis of the evaluation process of the research performance : An empirical case. *Scientometrics*, *67*(2), 213–230. doi:10.1556/Scient.67.2006.2.5

García-Aracil, A., & Palomares-Montero, D. (2010). Examining benchmark indicator systems for the evaluation of higher education institutions. *Higher Education*, *60*(2), 217–234. doi:10.2307/40784178

Giraldo, S. (2012, July). Colciencias...y ¿ahora qué? *Noticias de La Antropología*, (July 2012), 1.

Goldstein, H. (2012). Estimating research performance by using research grant award gradings. Retrieved from http://www.sinab.unal.edu.co:2065/stable/23013394?&-Search=yes&searchText="Research+Assessment"&searchText=team&searchTex-t=Research&searchText="Research+Productivity"&searchText=group&search-Text="Research+Performance"&searchText=University&list=hide&searchUri=/action/doAdvancedSearch?q0=%22Research+Assessment%22&f0=ti&c1=OR&q1=%22Re-search+Performance%22&f1=ti&c2=OR&q2=%22Research+Productivity%22&-f2=ti&c3=AND&q3=University%2

Gómez, I., Bordons, M., Fernández, M. T., & Morillo, F. (2008). Structure and research performance of Spanish universities. *Scientometrics*, *79*(1), 131–146. doi:10.1007/s11192-009-0408-0

Gómez-Campo, V. M. (2012). Entrevista para Informe de Estancia Sabática. In C. Topete-Barrera & S. P. Rojas-Berrio (Eds.), (p. 3). Bogotá: Universidad de São Paulo.

Grossman, J. H., Reid, P. P., & Morgan, R. P. (2001). Contributions of Academic Research to Industrial Performance in Five Industry Sectors. *Journal of Technology Transfer*, *26*, 143–152.

Gu, J., Lin, Y., Vogel, D., & Tian, W. (2010). What are the major impact factors on research performance of young doctorate holders in science in China: an USTC survey. *Higher Education*, *62*(4), 483–502. doi:10.1007/s10734-010-9400-0

Guan, J., & Gao, X. (2008). Comparison and evaluation of Chinese research performance in the field of bioinformatics. *Scientometrics*, *75*(2), 357–379. doi:10.1007/s11192-007-1871-0

Guan, J., & Ma, N. (2004). A comparative study of research performance. *Scientometrics*, *61*(3), 339–359.

Hackett, E. J. (2005). Essential Tensions: Identity, Control, and Risk in Research. *Social Studies of Science*, *35*(5), 787–826. doi:10.2307/25046671

Hansson, F., & Mønsted, M. (2008). Research Leadership as Entrepreneurial Organizing for Research. *Higher Education*, *55*(6), 651–670. doi:10.2307/29735213

Harman, G. (2002). Australian university-industry research links: Researcher involvement, outputs, personal benefits and "withholding" behaviour. *Prometheus*, *20*(2), 143–158. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-0036056967&partnerID=40&md5=944ad991554170a5e82dd271637521e1

Harvey, J., Community, N., & Studies, C. (2002). The determinants of research group performance: towards mode 2?*, (September), 22–28.

Harvey, J., Pettigrew, A., & Ferlie, E. (2002). the Determinants of Research Group Performance: Towards Mode 2?*. *Journal of Management Studies*, *39*(6), 747–774. doi:10.1111/1467-6486.00310

Hayashi, T., & Tomizawa, H. (2006). Restructuring the Japanese national research system. *Scientometrics*, *68*(2), 241–264.

Hesli, V. L., & Lee, J. M. (2011). Faculty Research Productivity: Why Do Some of Our Colleagues Publish More than Others? *PS: Political Science and Politics*, *44*(2), 393–408 CR – Copyright © 2011 American Polit. doi:10.2307/41319926

Hicks, D. (2009). Evolving Regimes of Multi-University Research Evaluation. *Higher Education*, *57*(4), 393–404. doi:10.2307/40269131

Hickson, M., Bodon, J., & Turner, J. (2004). Research productivity in communication: An analysis, 1915–2001. *Communication Quarterly*, *52*(4), 323–333. doi:10.1080/01463370409370203

Hodder, a. P. W., & Hodder, C. (2010). Research culture and New Zealand's performance-based research fund: some insights from bibliographic compilations of research outputs. *Scientometrics*, *84*(3), 887–901. doi:10.1007/s11192-010-0201-0

Horri, A. (2004). Bibliometric Overview of Library and Information Science Research Productivity in Iran. *Journal of Education for Library and Information Science*, *45*(1), 15. doi:10.2307/40323918

Hu, X., & Rousseau, R. (2009). A comparative study of the difference in research performance in biomedical fields among selected Western and Asian countries. *Scientometrics*, *81*(2), 475–491. doi:10.1007/s11192-008-2202-9

Jansen, D., Wald, A., Franke, K., Schmoch, U., & Schubert, T. (2007). Third party research funding and performance in research. On the effects or institutional conditions on research performance of teams. *Drittmittel Als Performanzindikator Der Wissenschaftlichen Forschung Zum Einfluss von Rahmenbedingungen Auf Forschungsleistung*, *59*(1), 125–149+183.

Jayasinghe, U. W., Marsh, H. W., & Bond, N. (2001). Peer Review in the Funding of Research in Higher Education: The Australian Experience. *Educational Evaluation and Policy Analysis*, *23*(4), 343–364. doi:10.2307/3594134

Jayasinghe, U. W., Marsh, H. W., & Bond, N. (2003). A Multilevel Cross-Classified Modelling Approach to Peer Review of Grant Proposals: The Effects of Assessor and Researcher Attributes on Assessor Ratings. *Journal of the Royal Statistical Society. Series A (Statistics in Society)*, *166*(3), 279–300. doi:10.2307/3559744

Jeang, K.-T. (2009). The importance of individualized article-specific metrics for evaluating research productivity. *Retrovirology*, *6*, 82. doi:10.1186/1742-4690-6-82

Johnes, J., & Yu, L. (2008). Measuring the research performance of Chinese higher education institutions using data envelopment analysis. *China Economic Review*, *19*(4), 679–696. doi:http://dx.doi.org/10.1016/j.chieco.2008.08.004

Kao, C., & Pao, H.-L. (2008). An evaluation of research performance in management of 168 Taiwan universities. *Scientometrics*, *78*(2), 261–277. doi:10.1007/s11192-007-1906-6

Kelley, C., Conley, S., & Kimball, S. (2000). Payment for Results: Effects of the Kentucky and Maryland Group-Based Performance Award Programs. *Peabody Journal of Education*, *75*(4), 159–199 CR – Copyright © 2000 Taylor & Franc. doi:10.2307/1493057

Kenna, R., & Berche, B. (2012). Managing research quality: Critical mass and optimal academic research group size. *IMA Journal Management Mathematics*, *23*(2), 195–207. Retrieved from http://www.scopus.com/inward/

record.url?eid=2-s2.0-84858679640&partnerID=40&md5=2dfe8eb-29729f274e499e18b07929346

Kennan, M. A., & Willard, P. (2012). Fifty Years of LIS Education in Australia: Research Productivity and Visibility of LIS Educators in Higher Education Institutions, *53*(1).

Kim, R. M., & Kaplan, S. M. (2010). Preparing for Research Assessment: Co-evolution and gamesmanship. In *ACIS 2010 Proceedings - 21st Australasian Conference on Information Systems*. School of Information Technology and Electrical Engineering, The University of Queensland, St Lucia, QLD, Australia. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-84870387837&partnerID=40&md5=7535a2e8f858eff13a36e8526623396c

Kleinman, D. L., & Vallas, S. P. (2001). Science, Capitalism, and the Rise of the "Knowledge Worker": The Changing Structure of Knowledge Production in the United States. *Theory and Society*, *30*(4), 451–492 CR – Copyright © 2001 Springer. doi:10.2307/658124

Kok, M. O., Rodrigues, A., Silva, A. P., & de Haan, S. (2012). The emergence and current performance of a health research system: lessons from Guinea Bissau. *Health Research Policy and Systems / BioMed Central*, *10*(Lic), 5. doi:10.1186/1478-4505-10-5

Konur, O. (2012). The Evaluation of the Global Research on the Education: A Scientometric Approach. *Procedia - Social and Behavioral Sciences*, *47*(0), 1363–1367. doi:http://dx.doi.org/10.1016/j.sbspro.2012.06.827

Kuah, C. T., & Wong, K. Y. (2011). Efficiency assessment of universities through data envelopment analysis. *Procedia Computer Science*, *3*(0), 499–506. doi:http://dx.doi.org/10.1016/j.procs.2010.12.084

Kumar, H. A., & Dora, M. (2012). Research Productivity in a Management Institute : An Analysis of Research Performance of Indian Institute of Management Ahmedabad during 1999-2010, *32*(4), 365–372.

Kyvik, S., & Olsen, T. B. (2008). Does the aging of tenured academic staff affect the research performance of universities? *Scientometrics*, *76*(3), 439–455. doi:10.1007/s11192-007-1767-z

La Manna, M. M. a. (2008). Assessing the Assessment or, the Rae and the Optimal Organization of University Research. *Scottish Journal of Political Economy*, *55*(5), 637–653. doi:10.1111/j.1467-9485.2008.00469.x

Lacetera, N. (2009). Different Missions and Commitment Power in R&D Organizations: Theory and Evidence on Industry-University Alliances. *Organization Science*, *20*(3), 565–582. doi:10.2307/25614675

Lau, M. Y., Cisco, H. C., & Delgado-romero, E. A. (2008). Institutional and Individual Research Productivity in Five Nominated Multicultural Psychology Journals. *Journal of Multicultural Counseling and Development*, *36*(October), 194–206.

Laudel, G. (2006). The "Quality Myth": Promoting and Hindering Conditions for Acquiring Research Funds. *Higher Education*, *52*(3), 375–403. doi:10.2307/29735019

Lee, D. H., Seo, I. W., Choe, H. C., & Kim, H. D. (2012). Collaboration network patterns and research performance: the case of Korean public research institutions. *Scientometrics*, *91*(3), 925–942. doi:10.1007/s11192-011-0602-8

Lee, G. J. (2010). Assessing publication performance of research units: Extensions through operational research and economic techniques. *Scientometrics*, *84*(3), 717–734. doi:10.1007/s11192-010-0210-z

Lee, S., & Bozeman, B. (2005). The Impact of Research Collaboration on Scientific Productivity. *Social Studies of Science*, *35*(5), 673–702. doi:10.2307/25046667

Leon-Sarmiento, F., Bayona-Prieto, J., Bayona, E., & León, M. (2005). Colciencias e inconciencias con los científicos colombianos: de la edad de piedra al factor de impacto. *Salud Pública*, *7*(2), 227–235.

Lewison, G., Thornicroft, G., Szmukler, G., & Tansella, M. (2007). Fair assessment of the merits of psychiatric research. *British Journal of Psychiatry*, *190*(APR.), 314–318. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-34147202646&partnerID=40&md5=5e6dbc6f9c7af5662f2fd76ffb1cc00c

Li, F., Yi, Y., Guo, X., & Qi, W. (2011). Performance evaluation of research universities in Mainland China, Hong Kong and Taiwan: based on a two-dimensional approach. *Scientometrics*, *90*(2), 531–542. doi:10.1007/s11192-011-0544-1

Liang, C.-C., & Yuan, M.-S. (2010). Bibliometrics analysis of patent indicators' application in Taiwan. *Journal of Educational Media and Library Science*, *47*(1), 19–53. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-77952934635&partnerID=40&md5=c87a49769da9ef246b6e6d41920beb3a

Lin, C.-T., & Chiang, C.-T. (2007). Evaluating the performance of sponsored Chinese herbal medicine research. *Scientometrics*, *70*(1), 67–84.

López Ornelas, M. (2004). *Diseño y Validación de un Instrumento para Evaluar Revistas Académicas Electrónicas en Internet*. Universidad Autónoma de Baja California.

López-Zárate, R. (2012). Entrevista para Informe de Estancia Sabática. In C. Topete-Barrera & S. P. Rojas-Berrio (Eds.), (p. 4). Ciudad de México: Universidad de São Paulo.

Maccoll, J. (2010). Library Roles in University Research Assessment. *Library Quarterly*, *20*(2), 152–168.

Macharzina, K., Wolf, J., & Rohn, A. (2004). Quantitative Evaluation of German Research Output in Business Administration : 1992- 2001. *Management International Review*, *44*(September 2003), 335–359.

Macías-Chapula, C. A., Mendoza-Guerrero, J. A., Rodea-Castro, I. P., & Gutiérrez-Carrasco, A. (2006). Construcción de una metodología para identificar investigadores mexicanos en bases de datos de ISI. *Revista Española de Documentación Científica*, *29*(2), 220–238.

Mählck, P. (2001). Mapping Gender Differences in Scientific Careers in Social and Bibliometric Space. *Science, Technology, & Human Values*, *26*(2), 167–190. doi:10.2307/690191

Malekafzali, H., Peykari, N., Gholami, F. S., Owlia, P., Habibi, E., Mesgarpour, B., & Vasei, M. (2009). Research Assessment of Iranian Medical Universities, an Experience from a Developing Country. *Iranian J Publ Health*, *38*, 47–49.

Markusova, V. A., Libkind, A. N., Varshavsly, A. E., & Jansz, C. N. M. (2012). Research performance and collaboration in the Novosibirsk region. *Scientometrics*, *91*(2), 513–526. doi:10.1007/s11192-011-0597-1

Marsh, H. W., & Hattie, J. (2002). The Relation Between Research Productivity and Teaching Effectiveness. *The Journal of Higher Education*, *73*(5), 603–641.

Martinez-Romo, S. (2012). Entrevista para Informe de Estancia Sabática. In C. Topete-Barrera & S. P. Rojas-Berrio (Eds.), (p. 6). Ciudad de México: Universidad de São Paulo.

Martín-Sempere, M. J., Garzón-García, B., & Rey-Rocha, J. (2008). Team consolidation, social integration and scientists' research performance: An empirical study in the Biology and Biomedicine field. *Scientometrics*, *76*(3), 457–482. doi:10.1007/s11192-007-1866-x

Martín-Sempere, M. J., Rey-Rocha, J., & Garzón-García, B. (2002). The effect of team consolidation on research collaboration and performance of scientists. Case study of Spanish university researchers in geology. *Scientometrics*, *55*(3), 377–394. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-19044366792&partnerID=40&md5=0f7962fca3ecc455c9069eb512316fdb

McCauley, L. A., Beltran, M., Phillips, J., Lasarev, M., & Sticker, D. (2001). The Oregon Migrant Farmworker Community: An Evolving Model for Participatory Research. *Environmental Health Perspectives*, *109*, 449–455. doi:10.2307/3434794

McDermott, R., & Hatemi, P. K. (2010). Emerging Models of Collaboration in Political Science: Changes, Benefits, and Challenges. *PS: Political Science and Politics*, *43*(1), 49–58 CR – Copyright © 2010 American Politic. doi:10.2307/25699292

Merton, R. (1973). *The Sociology of Science Theoretical and Empirical investigations*. Chicago: The University of Chicago Press.

Merton, R. K. (1995). The Thomas Theorem and The Matthew Effect. *Social Forces*, *74*, 379–422. Retrieved from http://www.jstor.org/discover/10.2307/2580486?uid=3737808&uid=2&uid=4&sid=21102576843567

Miguel, E. C., Ferrão, Y. A., Do Rosário, M. C., De Mathis, M. A., Torres, A. R., Fontenelle, L. F., … Basso, M. (2008). The Brazilian Research Consortium on Obsessive-Compulsive Spectrum Disorders: Recruitment, assessment instruments, methods for the development of multicenter collaborative studies and preliminary results. *Revista Brasileira de Psiquiatria*, *30*(3), 185–196. Retrieved from

http://www.scopus.com/inward/record.url?eid=2-s2.0-54249104051&partnerID=40&md5=3eaa2a5cd9f706e4108bea785dd1c2a1

Mingers, J. (2009). Measuring the Research Contribution of Management Academics Using the Hirsch-Index. *The Journal of the Operational Research Society*, *60*(9), 1143–1153. doi:10.2307/40295607

Mingers, J., Watson, K., & Scaparra, M. P. (2011). Estimating Business and Management Journal Quality from the 2008 UK Research Assessment Exercise, *II*.

Mirowski, P., & Horn, R. Van. (2005). The Contract Research Organization and the Commercialization of Scientific Research. *Social Studies of Science*, *35*(4), 503–548. doi:10.2307/25046658

Mitton, C., Adair, C. E., McKenzie, E., Patten, S. B., & Perry, B. W. (2007). Knowledge Transfer and Exchange: Review and Synthesis of the Literature. *The Milbank Quarterly*, *85*(4), 729–768. doi:10.2307/25098180

Mokhnacheva, Y. V., & Kharybina, T. N. (2011). Research performance of RAS institutions and Russian universities: A comparative bibliometric analysis. *Herald of the Russian Academy of Sciences*, *81*(6), 569–574. doi:10.1134/S1019331611060104

Molina-Gallego, R., & Sánchez-Torres, M. (2010). *Caracterización de los grupos de investigación, una experiencia de aplicación de política pública en la Universidad Nacional de Colombia.* (pp. 1–22). Bogotá. Retrieved from http://www.viceinvestigacion.unal.edu.co/VRI/files/Publicaciones/Molina_UN_Colombia_2010.pdf

Mollis, M., & Marginson, S. (2002). The Assessment of Universities in Argentina and Australia: Between Autonomy and Heteronomy. *Higher Education*, *43*(3), 311–330. doi:10.2307/3447520

Monroy-Varela, S. (2011). Dinámica de los grupos de investigación. El caso de la Facultad de Ingeniería de la Universidad Nacional de Colombia. *Ingeniería E Investigación*, *31*(Edición Especial), 56–62.

Morgan, K. J. (2001). The Research Assessment Exercise in English Universities , 2001. *Higher Education*, *48*(4), 461–482.

Moss, G., Kubacki, K., Hersh, M., & Gunn, R. (2007). Knowledge Management in Higher Education: A Comparison of Individualistic and Collectivist Cultures. *European Journal of Education*, *42*(3), 377–394 CR – Copyright © 2007 Wiley. doi:10.2307/4543103

Mryglod, O., Kenna, R., Holovatch, Y., & Berche, B. (2012). Absolute and specific measures of research group excellence. *Scientometrics*. Institute for Condensed Matter Physics of the NAS of Ukraine, 1 Svientsitskii Str, Lviv, 79011, Ukraine. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-84868219980&partnerID=40&md5=5f87b380f6310bd5c6a8dab3fcc5728c

Na Wichian, S., Wongwanich, S., & Bowarnkitiwong, S. (2009). Factors affecting research productivity of faculty members in government universities: LISREL and Neural Network analyses. *Kasetsart Journal - Social Sciences*. Retrieved February 24, 2013, from http://www.sinab.unal.edu.co:2066/record/display.url?eid=2-s2.0-67650447071&origin=resultslist&sort=plf-f&src=s&sid=95E894FE72E1AF193C2D7C89DF0B4EB2:10&sot=a&sdt=a&sl=176&s=(TITLE(research+AND+(assessment+OR+performance+OR+productivity))+AND+TITLE(university)+AND+TITLE-ABS-KEY(research+AND+(group+OR+team)))+AND+DOCTYPE(ar+OR+re)+AND+PUBYEAR+>-+1999&relpos=11&relpos=11&searchTerm=(TITLE(research+AND+(assessment+OR+performance+OR+productivity))+AND+TITLE(

Nadal, A. (2002, March 13). Conacyt : flotando en el vacío. *La Jornada*, p. 1. México D.F. Retrieved from http://www.jornada.unam.mx/2002/03/13/025a1eco.php?origen=opinion.html

Nah, I. W., Kang, D., & Lee, D. (2009). A Bibliometric Evaluation of Research Performance in Different Subject Categories. *Journal of the American Society for Information Science and Technology*, *60*(2002), 1138–1143. doi:10.1002/asi

Nederhof, A. (2006). Bibliometric monitoring of research performance in the Social Sciences and the Humanities : *Scientometrics*, *66*(1), 81–100.

Nederhof, A. (2008). Policy impact of bibliometric rankings of research performance of departments and individuals in economics. *Scientometrics*, *74*(1), 163–174. doi:10.1007/s11192-008-0109-0

Niu, F., Wang, D., & Wu, W. (2010). Analysis of current situation and trend research for universities and colleges' performance evaluation. *Wuhan Daxue Xuebao (Xinxi Kexue Ban)/Geomatics and Information Science of Wuhan University*, *35*(Special Issue 2), 194–197. Retrieved from http://www.sinab.unal.edu.co:2066/record/display.url?eid=2-s2.0-78649685998&origin=resultslist&sort=plf-f&src=s&sid=95E894FE72E1AF193C2D7C89DF0B4EB2:10&sot=a&sdt=a&sl=176&s=(TITLE(research+AND+(assessment+OR+performance+OR+productivity))+AND+TITLE(university)+AND+TITLE-ABS-KEY(research+AND+(group+OR+team)))+AND+DOCTYPE(ar+OR+re)+AND+PUBYEAR+>-+1999&relpos=6&relpos=6&searchTerm=(TITLE(research+AND+(assessment+OR+performance+OR+productivity))+AND+TITLE(un

Observatorio_Colombiano_de_Ciencia_y_Tecnologia. (2011). Observatorio Colombiano de Ciencia y Tecnologia.

Opthof, T., & Leydesdorff, L. (2010). Caveats for the journal and field normalizations in the CWTS (" Leiden") evaluations of research performance. *Journal of Informetrics*, *4*(3), 423–430.

Panaretos, J., & Malesios, C. (2009). Assessing scientific research performance and impact with single indices. *Scientometrics*, *81*(3), 635–670. doi:10.1007/s11192-008-2174-9

Parra-Dussán, C. (2013, July 12). Problemas en Colciencias. *La República*, pp. 1–3. Bogotá D.C.

Peña, A. (1995). La investigación científica en México. Estado actual, algunos problemas y perspectivas. *Perfiles Educativos*, *67*, 1–10.

Pescador-Osuna, J. Á. (2012). Modificaciones al Sistema Nacional de Investigadores. In S. Vega_y_León (Ed.), *Sistema Nacional de Investigadores Retos y Perspectivas de la Ciencia en México* (Primera ed., pp. 1–204). México: Universidad Autónoma Metropolitana.

Pineda, M. A. (2012). Entrevista para Informe de Estancia Sabática. In C. Topete-Barrera & S. P. Rojas-Berrio (Eds.), (p. 6). Bogotá: Universidad de São Paulo.

Pouris, A. (2007). The International Performance of the South African Academic Institutions: A Citation Assessment. *Higher Education*, *54*(4), 501–509. doi:10.2307/29735127

Presidencia de la Republica de Colombia. (2002). Decreto 1279 de 2002. Bogotá D.C.

Prozesky, H., & Boshoff, N. (2011). Bibliometrics as a tool for measuring gender-specific research performance: an example from South African invasion ecology. *Scientometrics*, *90*(2), 383–406. doi:10.1007/s11192-011-0478-7

Restrepo-Cuartas, J. (2012, July 7). "No existe un respaldo real del gobierno a Colciencias." *Semana*, pp. 1–6. Bogotá D.C.

Revilla, E., Sarkis, J., & Modrego, A. (2003). Evaluating Performance of Public-Private Research Collaborations: A DEA Analysis. *The Journal of the Operational Research Society*, *54*(2), 165–174. doi:10.2307/4101607

Rey-Rocha, J., Garzón-García, B., & José Martín-Sempere, M. (2007). Exploring social integration as a determinant of research activity, performance and prestige of scientists. Empirical evidence in the Biology and Biomedicine field. *Scientometrics*, *72*(1), 59–80. doi:10.1007/s11192-007-1703-2

Rey-Rocha, J., Garzón-García, B., & Martín-Sempere, M. J. (2006). Scientists ' performance and consolidation of research teams in Biology and Biomedicine at the Spanish Council for Scientific Research. *Scientometrics*, *69*(2), 183–212.

Rey-Rocha, J., Martín-Sempere, M. J., & Garzón, B. (2002). Research productivity of scientists in consolidated vs. non-consolidated teams: The case of Spanish university geologists. *Scientometrics*, *55*(1), 137–155. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-19044388416&partnerID=40&md5=2e5b5bc0948ba6d5ff0618976967291f

RICYT. (2012). Red de Indicadores de Ciencia y Tecnología Iberoamericana e Interamericana. *Indicadores*. Retrieved November 11, 2012, from http://www.ricyt.org/indicadores

RICYT. (2013). Indicadores. Retrieved from http://www.ricyt.org/index.php?option=com_content&view=article&id=149&Itemid=3

Rivas Tovar, L. A., & Aragón García, M. (2003). Panorama de la investigación en ciencias sociales En México. Análisis crítico y cuantitativo del Sistema Nacional de Investigadores. *Revista Del Centro de Investigación*, *5*, 43–55.

Rodríguez, J. (2008). Evaluación del profesorado en universidades públicas. Una aproximación a la situación de Colombia. *Revista Iberoamericana de Evaluación Educativa*, *1*, 46–66.

Rogers, J. D., & Bozeman, B. (2001). "Knowledge Value Alliances": An Alternative to the R&D Project Focus in Evaluation. *Science, Technology, & Human Values*, *26*(1), 23–55. doi:10.2307/690119

Rojas-Luna, M. (2010). *Clasificación de los grupos de investigación de la facultad de Ingeniería de la Universidad Nacional de Colombia, mediante la estimación de la eficiencia técnica utilizando análisis envolvente de datos*. Universidad Nacional de Colombia. Retrieved from http://www.bdigital.unal.edu.co/3848/1/02-822021.2010.pdf

Rons, N., De Bruyn, A., & Cornelis, J. (2008). Research evaluation per discipline: A peer-review method and its outcomes. *Research Evaluation*, *17*(1), 45–57.

Rossiter, M. W. (1993). The Matthew Matilda Effect in Science. *Social Studies of Science*, *23*, 325–341. Retrieved from http://www.jstor.org/discover/10.2307/285482?uid=3737808&uid=2&uid=4&sid=21102576843567

Rothausen-Vange, T. J., Marler, J. H., & Wright, P. M. (2005). Research Productivity, Gender, Family, and Tenure in Organization Science Careers. *Sex Roles*, *53*(9-10), 727–738. doi:10.1007/s11199-005-7737-0

Rueda Beltrán, M. (2008). La evaluación del desempeño docente en la universidad. *Revista Electrónica de Investigación Educativa*, *Especial*, 1–15.

Sánchez-Torres, M., & Pérez-Vargas, P. (2013). Desde sus inicios: El trasegar de Colciencias en la promoción de la innovación. In Observatorio_Colombiano_de_Ciencia_y_Tecnología (Ed.), *Colciencias: Entre la legitimidad, la normatividad y la prác-*

tica – Historia de un ONCyT. Bogotá D.C.: Observatorio Colombiano de Ciencia y Tecnología.

Santamaría-delgado, C., Hernández, N. C., David, J., Betancur, G., Ospina, M. S., & Serrato, S. M. (2011). La productividad de las artes en las universidades colombianas : desafíos a los mecanismos de medición del conocimiento, 87–116.

Saxena, A., Gupta, B. M., & Jauhari, M. (2011). Research Performance of Top Engineering and Technological Institutes of India : A Comparison of Indices, *31*(5), 377–381.

Secretaría de Gobernación. Sistema Nacional de Investigadores (1984). México: Diario Oficial de la Federación.

Sevukan, R., & Sharma, J. (2008). Bibliometric Analysis of Research Output of Biotechnology Faculties in Some Indian Central Universities. *Journal of Library & Information Technology*, *28*(6), 11–20.

Smart, W. (2008). The impact of the performance-based research fund on the research productivity of New Zealand universities. *Social Policy Journal of New Zealand*, *34*, 136–152.

Sombatsompop, N., Markpin, T., Yochai, W., & Saechiew, M. (2005). An evaluation of research performance for different subject categories using Impact Factor Point Average (IFPA) index: Thailand case study. *Scientometrics*, *65*(3), 293–305.

Taylor, J. (2011). The Assessment of Research Quality in UK Universities: Peer Review or Metrics? *British Journal of Management*, *22*, 202–217. doi:10.1111/j.1467-8551.2010.00722.x

Tien, F. F. (2007). To what degree does the promotion system reward faculty research productivity? *British Journal of Sociology of Education*, *28*(1), 105–123. doi:10.1080/01425690600996741

Topete-Barrera, C. (2012). *Efectos y desafíos de las políticas de productividad para los grupos de investigación científica, sus procesos de formación y producción escrita* (p. 168). Ciudad de México: Taller Abierto.

Valadkhani, A., & Ville, S. (2010). Ranking and clustering of the faculties of commerce research performance in Australia. *Applied Economics*, *42*(22), 2881–2895. doi:10.1080/00036840801964674

Valadkhani, A., & Worthington, A. (2006). Ranking and Clustering Australian University Research Performance, 1998–2002. *Journal of Higher Education Policy and Management*, *28*(2), 189–210. doi:10.1080/13600800600751101

Van Leeuwen, T. (2007). Modelling of bibliometric approaches and importance of output verification in research performance assessment, *16*(2), 93–106.

Van Leeuwen, T. (2008). Testing the validity of the Hirsch-index for research assessment purposes. *Research Evaluation*, *17*(2), 157–160. doi:10.3152/095820208X319175

Van Leeuwen, T., Costas, R., Calero-Medina, C., & Visser, M. (2012). The role of editorial material in bibliometric research performance assessments. *Scientometrics*. doi:10.1007/s11192-012-0904-5

Van Leeuwen, T., Moed, H. F., Tijssen, R. J. W., Visser, M. S., & van Raan, A. F. J. (2001). Language biases in the coverage of the Science Citation Index and its consequences for international comparisons of national research performance. *Scientometrics*, *51*(1), 335–346.

Van Looy, B., Debackere, K., Callaert, J., Tijssen, R., & van Leeuwen, T. (2006). Scientific capabilities and technological performance of national innovation systems: An exploration of emerging industrial relevant research domains. *Scientometrics*, *66*(2), 295–310. doi:10.1007/s11192-006-0030-3

Van Raan, A. (2006a). Comparison of the hirsch-index with standard bibliometric indicators and with peer judgment for 147 chemistry research groups. *Scientometrics*, *67*(3), 491–502. Retrieved from http://www.scopus.com/inward/record.url?eid=2-s2.0-33748655746&partnerID=40&md5=b8eb21d6b18d9e32bbf015d59b6e1e6f

Van Raan, A. (2006b). Performance-Related Differences of Bibliometric Statistical Properties of Research Groups: Cumulative Advantages and Hierarchically Layered Networks. *Journal of the American Society for Information Science and Technology*, *57*(14), 1919–1935. doi:10.1002/asi

Van Raan, A. F. J. (2012). Properties of journal impact in relation to bibliometric research group performance indicators. *Scientometrics*, *92*(2), 457–469. doi:10.1007/s11192-012-0747-0

Varios. San Francisco Declaration on Research Assessment (DORA) (2012). Retrieved from http://am.ascb.org/dora/

Vega-Rodríguez, R. A. (2012). Entrevista para Informe de Estancia Sabática. In C. Topete-Barrera & S. P. Rojas-Berrio (Eds.), (p. 2). Bogotá: Universidad de São Paulo.

Villaveces-Cardoso, J. L. (2005). Prospectiva de investigación en la universidad colombiana. *Revista de Estudios Sociales*, (22), 169–181. Retrieved from http://www.scielo.org.co/scielo.php?pid=S0123-885X2005000300004&script=sci_arttext&tlng=pt

Wang, M.-H., Yu, T.-C., & Ho, Y.-S. (2009). A bibliometric analysis of the performance of Water Research. *Scientometrics*, *84*(3), 813–820. doi:10.1007/s11192-009-0112-0

Watts, G. (2009). Beyond the Impact Factor. *BMJ: British Medical Journal*, *338*(7692), 440–441. doi:10.2307/20512136

Wei, H., Cheng, X., & Zhao, K. (2007). On the relationship between research productivity and teaching effectiveness at research universities. *Frontiers of Education in China*, *2*(2), 298–306. doi:10.1007/s11516-007-0025-8

Wootton, R. (2013). A simple, generalizable method for measuring individual research productivity and its use in the long-term analysis of departmental performance, including between-country comparisons. *Health Research Policy and Systems / BioMed Central*, *11*, 2. doi:10.1186/1478-4505-11-2

Ylijoki, O.-H. (2003). Entangled in Academic Capitalism? A Case-Study on Changing Ideals and Practices of University Research. *Higher Education*, *45*(3), 307–335. doi:10.2307/3447483

Yu, M. L., Hamid, S., Ijab, M. T., & Soo, H. P. (2009). The E-Balanced Scorecard (e-BSC) for Measuring Academic Staff Performance Excellence. *Higher Education*, *57*(6), 813–828. doi:10.2307/40269160

Zaharia, R. M. (2009). Performance of academic research in Romania: The view of academics from Bucharest University of Economics. *Transformations in Business and Economics*. Retrieved February 24, 2013, from http://www.sinab.unal.edu.co:2066/record/display.url?eid=2-s2.0-72749122746&origin=resultslist&sort=plf-f&src=s&sid=95E894FE72E1AF193C2D7C89DF0B4EB2:10&sot=a&sdt=a&sl=176&s=(TITLE(research+AND+(assessment+OR+performance+OR+productivity))+AND+TITLE(university)+AND+TITLE-ABS-KEY(research+AND+(group+OR+team)))+AND+DOCTYPE(ar+OR+re)+AND+PUBYEAR+>-+1999&relpos=9&relpos=9&searchTerm=(TITLE(research+AND+(assessment+OR+performance+OR+productivity))+AND+TITLE(un

ANEXOS

ANEXO 1.

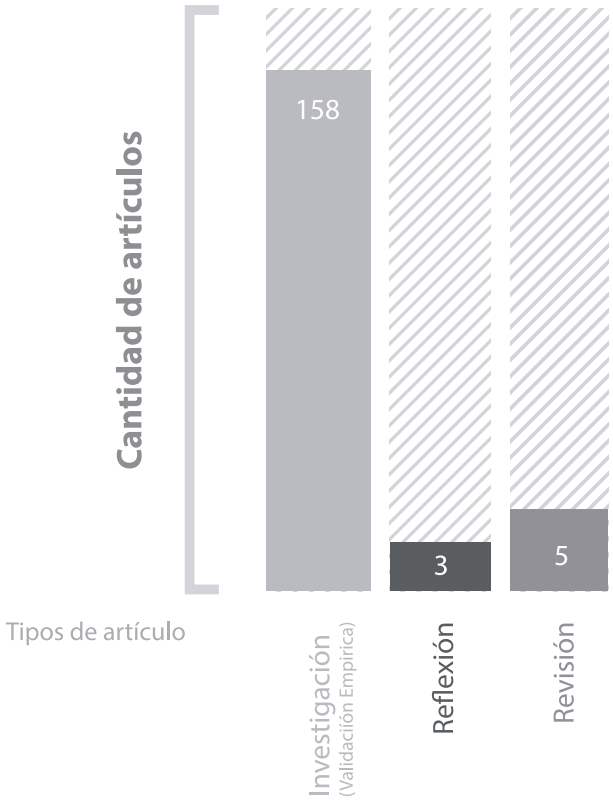
TABLA 12. ECUACIONES DE BÚSQUEDA EN LAS BASES DE DATOS CIENTÍFICAS UTILIZADAS PARA EL MARCO TEÓRICO.

HERRAMIENTA / BASE DE DATOS	ECUACIÓN DE BÚSQUEDA	NÚMERO DE ARTÍCULOS ENCONTRADOS
SCOPUS	TITLE-ABS-KEY((research AND ("higher education" OR "universities")) AND ("research team" OR "research group") AND (assessment OR performance)) AND PUBYEAR > 1999	655
JSTOR	((research AND ("higher education" OR "universities")) AND ("research team" OR "research group") AND (assessment OR performance)) AND (cty:(journal) AND ty:(fla OR brv)) AND (year:[2000 TO 2013])	1303
TOTAL		1958

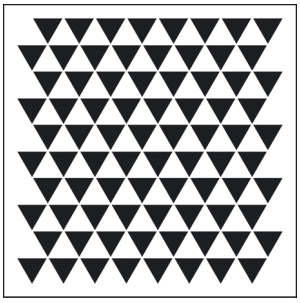
Fuente: elaboración propia a partir Scopus y JStor, Fecha de búsqueda: 27/02/2013.

ANEXO 2.

FIGURA 6. REFERENTES DE LA LITERATURA INTERNACIONAL REVISADOS SEGÚN TIPO DE ARTÍCULO.



Fuente: elaboración propia a partir de Scopus y JStor, Fecha de búsqueda: 27/02/2013.



Este libro presenta un estudio comparativo de los principales organismos encargados del fomento de la Ciencia y la Tecnología y los modelos de evaluación de la actividad científica en Colombia y México en el contexto de las políticas globales de publicación. A través de la revisión minuciosa de importantes referentes de la literatura internacional el estudio muestra la inquietud que prevalece en los investigadores por conciliar las exigencias de productividad, con la pertinencia de sus publicaciones.

El discurso de la producción científica es un discurso que da hegemonía al colectivo científico y que legitima las prácticas del gremio intelectual que existe en tanto se adscribe a los criterios, exigencias y lineamientos para poder publicar.

Los autores reflexionan en los criterios que acentúan el centralismo en la producción científica, la propensión a publicar en el idioma inglés aún si no es la lengua materna de quien escribe, el uso del et al., que desconoce la aportación de los colaboradores y que desemboca en prácticas simuladas donde la escritura queda desprovista de toda libertad, autonomía e impacto social y predomina la alienación, la competitividad y el individualismo.

A pesar de la exigencia de la sociedad a los grupos de investigación para que den respuesta a los problemas emergentes, las políticas públicas no han logrado articularse en su totalidad. Con el análisis de la información obtenida se argumenta que el fomento de la producción escrita en las diferentes disciplinas implicaría el impulso del avance científico y tecnológico de un país pero este impulso se ha limitado, entre otros factores, al criterio de la bibliometría, la cual surgió con el fin de guiar las adquisiciones de las bibliotecas pero cuya tendencia se ha convertido en el principal parámetro en la ponderación de las actividades de investigación por parte de los organismos evaluadores.

Ana María Winfield Reyes
Doctora en Ciencias Administrativas bajo la línea de investigación en Ética de Gestión en Instituciones de Educación Superior del Instituto Politécnico Nacional, México.

9 789588 721323