DIGITAL APPENDICES

DIGITAL APPENDIX 1

Top 20 journals

|  |  |  |  |
| --- | --- | --- | --- |
| Journal | Total publications (%) | *IF*2014 | Web of Science subject category |
| American Journal of Tropical Medicine and Hygiene | 21 (2.5) | 2.699 | Public, environmental and occupational health  Tropical medicine |
| PLoS Neglected Tropical Diseases | 19 (2.3) | 4.446 | Infectious diseases  Parasitology  Tropical medicine |
| Journal of Clinical Microbiology | 14 (1.7) | 3.993 | Microbiology |
| Revista de Biología Tropical | 13 (1.6) | 0.524 | Biology |
| Pediatric Infectious Disease Journal | 11 (1.3) | 2.723 | Immunology  Infectious diseases  Pediatrics |
| PLoS One | 11 (1.3) | 3.234 | Multidisciplinary sciences |
| International Journal of Occupational and Environmental Health | 10 (1.2) | 1.365 | Public, environmental and occupational health |
| Bulletin of Volcanology | 9 (1.1) | 2.519 | Geosciences, multidisciplinary |
| Tropical Medicine & International Health | 9 (1.1) | 2.329 | Public, environmental and occupational health  Tropical medicine |
| American Journal of Public Health | 8 (1) | 4.552 | Public, environmental and occupational health |
| Journal of Volcanology and Geothermal Research | 8 (1) | 2.543 | Geosciences, multidisciplinary |
| International Journal of Tuberculosis and Lung Disease | 7 (0.84) | 2.315 | Infectious diseases  Respiratory system |
| Lancet | 7 (0.84) | 45.217 | Medicine, general and internal |
| Biotropica | 6 (0.72) | 2.084 | Ecology |
| BMC Public Health | 6 (0.72) | 2.264 | Public, environmental and occupational health |
| Bulletin of the World Health Organization | 6 (0.72) | 5.089 | Public, environmental and occupational health |
| Forest Ecology and Management | 6 (0.72) | 2.66 | Forestry |
| Geochemistry Geophysics Geosystems | 6 (0.72) | 2.923 | Geochemistry and geophysics |
| Global Health Action | 6 (0.72) | 1.93 | Public, environmental and occupational health |
| Pediatric Blood & Cancer | 6 (0.72) | 2.386 | Oncology  Hematology  Pediatrics |

DIGITAL APPENDIX 2

Publications per author and year, including references cited and pages

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Year | Total Publications | Author | Author/Total Publications | Number of references cited (NR) | NR/Total Publications | Page count (PG) | PG/Total Publications |
| 1973 | 4 | 7 | 1.8 | 37 | 9.3 | 22 | 5.5 |
| 1974 | 4 | 14 | 3.5 | 56 | 14 | 25 | 6.3 |
| 1975 | 2 | 5 | 2.5 | 22 | 11 | 17 | 8.5 |
| 1976 | 2 | 2 | 1.0 | 5 | 2.5 | 2 | 1.0 |
| 1977 | 4 | 8 | 2.0 | 61 | 15 | 22 | 5.5 |
| 1978 | 2 | 2 | 1.0 | 6 | 3.0 | 18 | 9.0 |
| 1979 | 1 | 3 | 3.0 | 22 | 22 | 10 | 10 |
| 1980 | 2 | 3 | 1.5 | 24 | 12 | 13 | 6.5 |
| 1981 | 4 | 13 | 3.3 | 70 | 18 | 26 | 6.5 |
| 1982 | 2 | 5 | 2.5 | 51 | 26 | 7 | 3.5 |
| 1983 | 1 | 6 | 6.0 | 4 | 4.0 | 2 | 2.0 |
| 1984 | 1 | 2 | 2.0 | 31 | 31 | 7 | 7.0 |
| 1985 | 3 | 8 | 2.7 | 41 | 14 | 13 | 4.3 |
| 1986 | 5 | 15 | 3.0 | 29 | 5.8 | 19 | 3.8 |
| 1987 | 6 | 22 | 3.7 | 142 | 24 | 45 | 7.5 |
| 1988 | 10 | 34 | 3.4 | 219 | 22 | 76 | 7.6 |
| 1989 | 4 | 9 | 2.3 | 64 | 16 | 17 | 4.3 |
| 1990 | 5 | 16 | 3.2 | 68 | 14 | 24 | 4.8 |
| 1991 | 12 | 40 | 3.3 | 227 | 19 | 97 | 8.1 |
| 1992 | 10 | 34 | 3.4 | 242 | 24 | 66 | 6.6 |
| 1993 | 13 | 61 | 4.7 | 247 | 19 | 130 | 10 |
| 1994 | 8 | 30 | 3.8 | 157 | 20 | 92 | 12 |
| 1995 | 9 | 41 | 4.6 | 216 | 24 | 79 | 8.8 |
| 1996 | 19 | 82 | 4.3 | 436 | 23 | 138 | 7.3 |
| 1997 | 28 | 147 | 5.3 | 770 | 28 | 228 | 8.1 |
| 1998 | 22 | 136 | 6.2 | 607 | 28 | 181 | 8.2 |
| 1999 | 20 | 102 | 5.1 | 592 | 30 | 148 | 7.4 |
| 2000 | 25 | 134 | 5.4 | 643 | 26 | 199 | 8.0 |
| 2001 | 19 | 127 | 6.7 | 659 | 35 | 167 | 8.8 |
| 2002 | 17 | 125 | 7.4 | 487 | 29 | 140 | 8.2 |
| 2003 | 23 | 130 | 5.7 | 720 | 31 | 217 | 9.4 |
| 2004 | 27 | 147 | 5.4 | 749 | 28 | 231 | 8.6 |
| 2005 | 35 | 258 | 7.4 | 1 099 | 31 | 358 | 10 |
| 2006 | 53 | 346 | 6.5 | 1 585 | 30 | 475 | 9.0 |
| 2007 | 37 | 212 | 5.7 | 1 334 | 36 | 424 | 11 |
| 2008 | 53 | 338 | 6.4 | 1 979 | 37 | 567 | 11 |
| 2009 | 47 | 335 | 7.1 | 1 695 | 36 | 497 | 11 |
| 2010 | 60 | 554 | 9.2 | 2 055 | 34 | 603 | 10 |
| 2011 | 58 | 393 | 6.8 | 2 247 | 39 | 573 | 9.9 |
| 2012 | 71 | 500 | 7.0 | 2 739 | 39 | 746 | 11 |
| 2013 | 52 | 485 | 9.3 | 2 120 | 41 | 486 | 9.3 |
| 2014 | 57 | 478 | 8.4 | 2 301 | 40 | 618 | 11 |
| Total | 837 | 5409 |  | 26 858 |  | 7 825 |  |
| Average |  |  | 4.6 |  | 23 |  | 7.7 |

DIGITAL APPENDIX 3

Top 12 articles with over 100 citations to 2014

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Rank (*TC*2014) | Rank (*C*2014) | Article title | Country | Reference |
| 1 (830) | 1 (89) | Safety and efficacy of an attenuated vaccine against severe rotavirus gastroenteritis | Chile, Mexico, Venezuela, Argentina, Belgium, Brazil, Nicaragua, USA, Colombia, Panama, Honduras, Dominican Rep, Costa Rica, Finland | Ruiz-Palacios et al. (2006) |
| 2 (304) | 2 (46) | Caesarean delivery rates and pregnancy outcomes: the 2005 WHO global survey on maternal and perinatal health in Latin America | Switzerland, Nicaragua, Argentina, Peru, Cuba, Paraguay, Brazil, USA, Ecuador, Canada, Mexico, Sweden | Villar et al. (2006) |
| 3 (245) | 6 (21) | *Jatropha curcas* L. as a source for the production of biofuel in Nicaragua | Nicaragua, Austria | Foidl et al. (1996) |
| 4 (192) | 4 (32) | Efficacy and safety of an oral live attenuated human rotavirus vaccine against rotavirus gastroenteritis during the first 2 years of life in Latin American infants: a randomized, double-blind, placebo-controlled phase III study | Chile, Brazil, Mexico, Venezuela, Panama, Argentina, Nicaragua, Colombia, Honduras, Dominican Rep., Belgium | Linhares et al. (2008) |
| 5 (186) | 41 (9) | Epidemic leptospirosis associated with pulmonary hemorrhage - Nicaragua, 1995 | USA, Nicaragua | Trevejo et al. (1998) |
| 6 (148) | 6 (21) | Polybrominated diphenyl ethers (PBDEs) and bioaccumulative hydroxylated PBDE metabolites in young humans from Managua, Nicaragua | Sweden, Nicaragua | Athanasiadou et al. (2008) |
| 7 (135) | 9 (20) | Association Between Pentavalent Rotavirus Vaccine and Severe Rotavirus Diarrhea Among Children in Nicaragua | USA, Nicaragua | Patel et al. (2009) |
| 7 (135) | 60 (7) | Clinical, epidemiologic, and virology features of dengue in the 1998 epidemic in Nicaragua | USA, Nicaragua | Harris et al. (2000) |
| 9 (132) | 23 (12) | Typing of dengue viruses in clinical specimens and mosquitoes by single-tube multiplex reverse transcriptase PCR | USA, Nicaragua | Harris et al. (1998) |
| 10 (111) | 12 (17) | Differences in dengue severity in infants, children, and adults in a 3-year hospital-based study in Nicaragua | USA, Nicaragua, Spain | Hammond et al. (2005) |
| 11 (109) | 6 (21) | Changes in precipitation and temperature extremes in Central America and northern South America, 1961-2003 | Spain, USA, Costa Rica, Belize, Cuba, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Venezuela, UK, Colombia | Aguilar et al. (2005) |
| 12 (101) | 9 (20) | Integrating agricultural landscapes with biodiversity conservation in the Mesoamerican hotspot | USA, Costa Rica, El Salvador, Mexico, Nicaragua, Netherlands | Harvey et al. (2008) |