Digital Appendix 1

Acronyms used in this article

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| Acronym | Description |
| SCI-EXPANDED | Science Citation Index Expanded |
| JCR | Journal Citation Reports |
| *IF*2014 | Impact factor from Journal Citation Reports in 2014 |
| Rev. Biol. Trop. | Revista de Biología Tropical |
| CPP | citations per publication |
| PCPP | Peak year citations per publication |
| *TC*2014 | Number of citations the analyzed publication received from its publication to the end of 2014 |
| *C*2014 | Number of citations the analyzed publication received in 2014 |
| TP | Number of total articles |
| SP | Number of “single country articles” or “single institution articles” |
| CP | Number of “internationally collaborative articles” or “inter-institutionally collaborative articles” |
| FP | Number of “first author articles” |
| RP | Number of “corresponding author articles” |

Digital Appendix 2

Most cited articles by year from 1976 to 2009

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| --- | --- | --- | --- | --- | --- |
| Year | Citations to the end of 2014 | Citations received in 2014 | Mean citations per year | Title | Authors |
| 1976 | 21 | 0 | 0.54 | Benthic invertebrate communities in Golfo Dulce, Costa-Rica, an anoxic basin | Nichols-Driscoll |
| 1977 | 6 | 0 | 0.16 | Hematophagous insects as vectors for frog trypanosomes | Ramos & Urdaneta-Morales |
| 1978 | 87 | 0 | 2.4 | Fish community structure as a function of habitat structure on west-Indian patch reefs | Gladfelter & Gladfelter |
| 1979 | 33 | 1 | 0.92 | Phylogeny and relationships among the genera and subgenera of the stingless bees (Meliponinae) of the world | Wille |
| 1980 | 57 | 4 | 1.6 | Comparative studies of the venom of newborn and adult specimens of *Bothrops asper* | Gutiérrez et al. |
| 1981 | 22 | 1 | 0.65 | Comparative foraging behavior of *Apis mellifera* and *Trigona corvina* (Hymenoptera, Apidae) on *Baltimora recta* (Compositae) | Roubik |
| 1982 | 37 | 4 | 1.1 | New species of Euglossa. 3. the bursigera species group (Hymenoptera, Apidae) | Dressler |
| 1983 | 49 | 1 | 1.5 | Proteolytic activity of the venoms of Costa-Rica snakes on casein | Lomonte & Gutiérrez |
| 1984 | 29 | 1 | 0.94 | Loss of zooxanthellae and death of corals and other reef organisms on the Caribbean and Pacific coasts of Costa Rica | Cortés et al. |
| 1985 | 17 | 0 | 0.57 | Regional patterns in the structure and floristic composition of Pacific coast mangroves from Costa Rica | Jiménez & Soto |
| 1986 | 32 | 0 | 1.1 | Inflammatory infiltrate in skeletal-muscle injected with *Bothrops asper* venom | Gutiérrez et al. |
| 1987 | 42 | 0 | 1.5 | Effects of light conditions on photosynthesis and growth of tree seedlings in a Costa Rican tropical rain-forest | Fetcher et al. |
| 1988 | 36 | 1 | 1.3 | Fish communities and environmental characteristics of two lowland streams in Costa Rica | Burcham |
| 1989 | 28 | 1 | 1.1 | Initial regeneration of a tropical forest in the Caribbean coast of Nicaragua after hurricane-Joan | Vandermeer et al. |
| 1990 | 27 | 0 | 1.1 | Upwelling and phytoplankton in the bay of Panama | Dcroz et al. |
| 1991 | 16 | 1 | 0.62 | Epicaridea of Baja California - distribution and notes on the ecology of *Probopyrus pandalicola* (Packard, 1879) in the Eastern Pacific | Campos & DeCampos |
| 1992 | 45 | 1 | 2 | Cocos Island (Pacific of Costa-Rica) coral-reefs after the 1982-83 El Niño disturbance | Guzmán & Cortés |
| 1993 | 56 | 2 | 2.5 | Coral-reefs of the tropical Eastern Pacific - review and perspectives | Guzmán & Cortés |
| 1994 | 24 | 2 | 1.1 | Frugivory and dispersal of *Spondias purpurea* (Anacardiaceae) in a tropical deciduous forest in Mexico | Mandujano et al. |
| 1995 | 17 | 0 | 0.85 | Epibiosis and molting in two species of *Callinectes* (Decapoda, Portunidae) from Brazil | Negreiros-Fransozo et al. |
| 1996 | 31 | 1 | 1.6 | A biogeochemical survey of the anoxic basin Golfo Dulce, Costa Rica | Thamdrup et al. |
| 1997 | 106 | 8 | 6.2 | Rapid spread of diseases in Caribbean coral reefs | Goreau et al. |
| 1998 | 46 | 6 | 2.6 | Diets of *Panthera onca*, *Felis concolor* and *Felis pardalis* (Carnivora: Felidae) in Parque Nacional Corcovado, Costa Rica | Chinchilla |
| 1999 | 27 | 4 | 1.7 | Caterpillar seasonality in a central Brazilian Cerrado | Morais et al. |
| 2000 | 25 | 1 | 1.7 | The effects of food presentation and microhabitat upon resource monopoly in a ground-foraging ant (Hymenoptera: Formicidae) community | Mcglynne & Kirksey |
| 2001 | 108 | 1 | 7.7 | Ecophysiological adaptability of tropical aquatic organisms to salinity changes | Chung |
| 2002 | 55 | 2 | 4.2 | The function of female resistance behavior: Intromission by male coercion vs. female cooperation in sepsid flies (Diptera: Sepsidae) | Eberhard |
| 2003 | 26 | 7 | 2.2 | Polythene and plastic-degrading microbes in an Indian mangrove soil | Kathiresan |
| 2004 | 32 | 5 | 2.9 | Blooms of *Cochlodinium polykrikoides* (Gymnodiniaceae) in the Gulf of California, Mexico | Gárate-Lizárraga et al. |
| 2005 | 17 | 3 | 1.7 | Echinoderms (Echinodermata) from the Gulf of California, Mexico. | Solís-Marín et al. |
| 2006 | 21 | 3 | 2.3 | Ontogenesis, structure and ultrastructure of *Hymenaea stigonocarpa* (Fabaceae : Caesalpinioideae) colleters | Paiva & Machado |
| 2007 | 23 | 5 | 2.9 | Reproductive pattern of the South American endemic shrimp *Artemesia longinaris* (Decapoda: Penaeoidea), off Sao Paulo State, Brazil | Castilho et al. |
| 2008 | 23 | 5 | 3.3 | Latin American Malacology. Freshwater mollusks from Argentina | Rumi et al. |
| 2009 | 9 | 4 | 1.5 | Effect of *Mikania glomerata* (Asteraceae) leaf extract combined with anti-venom serum on experimental *Crotalus durissus* (Squamata: Viperidae) envenomation in rats | Floriano et al. |
| 2010 | 15 | 3 | 3 | Environmental state and tendencies of the Puerto Morelos CARICOMP site, Mexico | Rodríguez-Martínez et al. |
| 2011 | 8 | 1 | 2 | Macrophytes in the upper Parana river floodplain: checklist and comparison with other large South American wetlands | Ferreira et al. |
| 2012 | 5 | 1 | 1.7 | Infra and inter-annual structure of zooplankton communities in floodplain lakes: a long-term ecological research study | Simões et al. |
| 2013 | 7 | 0 | 3.5 | Wetlands dominated by palms (Arecaceae), emphasis in those in the New World. | Myers |
| 2014 | 1 | 1 | 1 | Chemical composition and antimicrobial activity of the essential oil of *Plectranthus mollis* (Lamiaceae) from Western Ghats region, Karnataka, India | Joshi |
| 2014 | 1 | 1 | 1 | Community structure of bivalves and gastropods in roots of red mangrove *Rhizophora mangle* (Rhizophoraceae) in isla Larga, Mochima Bay, Venezuela | Balbas et al. |
| 2014 | 1 | 1 | 1 | Genetic variability of the Common Snook *Centropomus undecimalis* (Perciformes: Centropomidae) in connected marine and riverine environments | Hernández-Vidal et al. |