**Distinguished articles published in *Genomics, Proteomics & Bioinformatics* 2003−2011**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Rank** | **Article title** | **Article type** | **Corresponding author(s)** | **Country** | **Year** | **Vol/issue/page** |
| 1 | [KaKs\_Calculator: calculating Ka and Ks through model selection and model averaging](http://www.sciencedirect.com/science/article/pii/S1672022907600072) | Method | Jun Yu | China | 2006 | 4(4):259–63 |
| 2 | [A brief review on the mechanisms of miRNA regulation](http://www.sciencedirect.com/science/article/pii/S1672022908600443) | Review | Songnian Hu  Jun Yu | China | 2009 | 7(4):147–54 |
| 3 | [Proteomics technologies and challenges](http://www.sciencedirect.com/science/article/pii/S1672022907600187) | Review | William Cho | HK, China | 2007 | 5(2):77–85 |
| 4 | [FragAnchor: a large-scale predictor of glycosylphosphatidylinositol anchors in eukaryote protein sequences by qualitative scoring](http://www.sciencedirect.com/science/article/pii/S1672022907600229) | Method | Guylaine Poisson | USA | 2007 | 5(2):121–30 |
| 5 | [KaKs\_Calculator 2.0: a toolkit incorporating gamma-series methods and sliding window strategies](http://www.sciencedirect.com/science/article/pii/S1672022910600083) | Method | Jun Yu | China | 2010 | 8(1):77–80 |
| 6 | [A multifunctional lentiviral-based gene knockdown with concurrent rescue that controls for off-target effects of RNAi](http://www.sciencedirect.com/science/article/pii/S1672022910600253) | Article | Yunfeng Feng  Gregory D. Longmore | USA | 2010 | 8(4):238–45 |
| 7 | [A brief review of short tandem repeat mutation](http://www.sciencedirect.com/science/article/pii/S1672022907600096) | Review | Jia-You Chu | China | 2007 | 5(1):7–14 |
| 8 | [PredSL: a tool for the n-terminal sequence-based prediction of protein subcellular localization](http://www.sciencedirect.com/science/article/pii/S1672022906600168) | Method | Stavros J. Hamodrakas | Greece | 2006 | 4(1):48–55 |
| 9 | [Predicting protein subcellular localization: past, present and future](http://gpb.big.ac.cn/article_online.jsp?volume=2&&issue=4) | Review | Annette HÄoglund | Germany | 2004 | 2(4):209–15 |
| 10 | [Comparative proteome analysis of breast cancer and adjacent normal breast tissues in human](http://www.sciencedirect.com/science/article/pii/S1672022906600296) | Article | Hui-Jun Yang | China | 2006 | 4(3):165–72 |
| 11 | [A brief review of bone adaptation to unloading](http://www.sciencedirect.com/science/article/pii/S1672022908600169) | Review | Hiroki Yokota | USA | 2008 | 6(1):4–7 |
| 12 | [Role of positive selection pressure on the evolution of H5N1 hemagglutinin](http://www.sciencedirect.com/science/article/pii/S1672022908600327) | Article | Venkata R.S.K. Duvvuri | Canada | 2009 | 7(1–2):47–56 |
| 12 | [A mitochondrial genome sequence of the tibetan antelope (*Pantholops hodgsonii*)](http://gpb.big.ac.cn/article_online.jsp?volume=3&&issue=1) | Article | Xiao-Guang Zheng  Ri-Li Ge | China | 2005 | 3(1):5–17 |
| 14 | [Sequence similarity and functional relationship among eukaryotic ZIP and CDF transporters](http://www.sciencedirect.com/science/article/pii/S1672022906600107) | Review | Taiho Kambe | Japan | 2006 | 4(1):1–9 |
| 15 | [Transcriptome and proteome expressions involved in insulin resistance in muscle and activated t-lymphocytes of patients with type 2 diabetes](http://www.sciencedirect.com/science/article/pii/S1672022908600091) | Article | Frankie B. Stentz | USA | 2007 | 5(3–4):216–35 |

Note：Articles are ranked based on the dissemination scores from high to low.