Daniel McDonough

PLC #1

3/18/18

Cell Bio

1. Primary Research Article
   1. Conducts it’s own experiments and collection of data
   2. Contains Abstract that provides a summary of findings and what the article was about and does not leave a cliffhanger
   3. Format follows closely to a research article
      1. Title
      2. Author
      3. Publication
      4. Abstract
      5. Intro
      6. Methods
      7. Data
      8. Results
2. Review Article
   1. Says it’s a review article in the last sentence of the Abstract
   2. Data is shown with interpretation not of collected by the experiment
   3. Abstract serves as Introduction and is not clearly distinguishable. Flows into descriptions of various methodologies. Is also part of a larger journal and begins relatively late into the journal.
3. <https://www.ncbi.nlm.nih.gov/pubmed/29529283>
4. Primary Research Article
   1. Contains All Elements of Primary Literature Source in clearly distinguishable and relevant order:
      1. Title
      2. Author
      3. Publication
      4. Abstract
      5. Intro
      6. Methods
      7. Data
      8. Results
   2. Sites own data and holds interpretation separately
   3. Contains well made publication and contains other primary articles as citations
5. Gadkari, V., Harvey, S., Raper, A., Chu, W., Wang, J., Wysocki, V. and Suo, Z. (2018). Investigation of sliding DNA clamp dynamics by single-molecule fluorescence, mass spectrometry and structure-based modeling. Nucleic Acids Research.
6. As this week in class we are talking mostly about basic chemical bonds, this article talks mostly about how ionic bonds hold regions PCNA and how they interact with one another. The article also mentions how distribution of FRET efficiency is corresponded to the amount of NaCl.
7. Look if the article mentions if itself is a review.

Check if the article collected its own data