This bibliography contains some 100 articles pertaining, directly or indirectly, to the core concepts of physiology. I make no claims that it is in any sense complete. I am sure there are older articles I have not seen, and new articles are appearing almost daily. I will be updating the list as often as I can.

The citations have been checked for correctness, but they are not in a consistent format.

I have tagged each citation with indications of the topic(s) dealt with in the paper. Below is the description of the categories for which I have created tags.

[3] Conceptual frameworks
[4] Concept Inventories and assessment
[5] Implementation of core concepts in the classroom (course)
[6] Implementation of core concepts in the curriculum
[7] Specific core concepts
[8] Resources for teaching with core concepts
[9] Outcomes of teaching with core concepts

[A] Cell-cell communication  [J] Local control
[C] Cell theory  [L] Physical properties of matter
[D] Energy  [M] Scientific reasoning
[E] Evolution  [N] Structure/function
[G] Genes to proteins  [P] Other core concepts of Physiology
[H] Homeostasis  [Q] Core concepts in other biosciences
[I] Levels of organization  [R] Core concepts in other STEM disciplines

You can use Word’s “Find” function to search for articles on the topics that interests you.

Please address any comments to jmichael40@gmail.com.


