

Scientific Article Exercise

*Or: What is the difference between
scientific article and webpage?*

CHEM-E0105 2020-2021 ALC Scientific Article Exercise

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A?

SAE: short videos (to come)

1. How does one construct a scientific article? The IMRaD structure
2. How does one publish a scientific article? Peer review, and more
3. What's in a citation? (And what's not?)
4. How to create reference lists effectively?
5. "Impact is everything" --- how is impact of journals and articles evaluated?
6. Quickest way to get (in)famous as a scientist? On scientific misconduct

Student test group will be sought

- Once the MyCo items are ready, student test group will be asked to pre-test the that the items work → participation voluntary

Some feedback from CHEM-E1140 (Individual Article Summary module)

- “Individual article summary was very useful task. It's very good for students to do the task before writing their master thesis. Since ALC course is compulsory , it's good idea to transfer the module to ALC.” (2019-2020)
- “I hope that in ALC-course everyone gets an article from their own studying field.” (2019-2020)
- “It was good to have the peer evaluation. It made me to go through other students work also.” (2019-2020)

SAE: Intended learning outcomes

- understand what differentiates scientific articles from other publications such as web pages
- be able to recognize typical parts of a scientific articles (IMRaD) and find the conclusion of an article
- know how to formulate citation in a given format (we practice the format of Aalto CHEM instructions)
- be able to describe how the impact of a scientific journal and of an individual article is (attempted to be) assessed
- have practiced formulating your own view (/comment/opinion) on a scientific article
- be able to use a plagiarism detection software
- have practiced skills of peer evaluation

See you in January!

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