**Homework 2 for B130P16, 2024  
(Practical basics of scientific work)**

**1)** **Find the most recent ISI impact factor (IF) of scientific journals listed below and arrange them in decreasing order according to this parameter.**

**Journals:** Nature Plants, Frontiers in Neuroscience, Planta, Development, Science, Journal of Applied Biomedicine, eLife

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| **Journal** | **IF** |
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**2)** **Search for the most cited original article published in the year range 2018-2023 in Nature, Cell and Photosynthetica.** Specify the number of citations for each of these three articles.

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| **Journal** | **Article (Title, First Author, Volume, Pages, Year)** | **Number of citations** |
| **Nature** |  |  |
| **Cell** |  |  |
| **Photosynthetica** |  |  |

**3)** **Search for the total number of papers for authors listed below from 1980 until today. Specify the number of their citations according to WOS or SCOPUS databases.** Remove auto-citations, find h index, and arrange authors in decreasing order according to their total number of citations with removed auto-citations.

**Authors:**

Charles M. Rice Rockefeller University, Lab Virol & Infect Dis, New York, NY, USA

Jan Černý Department of Cell Biology, Faculty of Science, Charles University, CZ

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Eric Betzig Howard Hughes Med Inst, Janelia Farm Res Campus, Ashburn, USA

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Author** | **Total number of papers** | **Citations according to WOS or SCOPUS** (choose one of these two) | | |
| **With autocitations** | **Without autocitations** | **h index** |
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Name the file with **your name**, and save it to the shared folder:

<https://drive.google.com/drive/folders/10lcrbCXLQpsRIDp7nHHkDEBDZs93A20q?usp=drive_link>