

LESSON 2 –DOCUMENTATION, SEARCH AND INFORMATION MANAGEMENT: JOURNAL SEARCH

QUESTIONS

1. Which journal among the following has the highest impact factor in 2017:

SOLUTION: Nature (41,577)

EXPLANATION: Small (9,598), European Polymer Journal (3,741), Science (41,058)

2. Which is the impact factor in 2017 for the journal where the following study was published "*Understanding the roles of Ti on the structure and electrochemical performances of Li₂Ru_{1-x}Ti_xO₃ cathode materials for Li-ion batteries*".

a. 3,886.

3. Which of these journals has a higher quality based on the impact factor?

SOLUTION: Chemistry of Materials—(9,890)

EXPLANATION: Chemistry-A European Journal – (5,160), Chemical communications –(6,290), Chemical Engineering Journal—(6,735)

4. Which is the category of the journal "*Mechanical Engineering*"?

a. Engineering, mechanical-Sci.

5. Which is the ranking and the Q of the journal "*Engineering Applications of Computational Fluid Mechanics*" in the engineering, multidisciplinary-sci category in 2017 and 2013?

a. 54/128 (Q2) y 61/128 (Q2).

6. Search the scientific article *“Carbon Black and Titanium Interlayers Between Zinc Oxide Photo Electrode and Fluorine-Doped Tin Oxide for Dye-Sensitized Solar Cells”* and write the following information:

- Journal: JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY
- Volume: 19
- Number: 7
- Pages: 4260-4264
- Publication year: 2019
- Journal abbreviation: NANOSCI NANOTECHNO
- ISSN: 1533-4880
- Impact factor: 1,354

7. Which are the first journals in the area of mechanical engineering (Engineering, mechanical-Scie)?



Go to Journal Profile		Journals By Rank	Categories By Rank		
Master Search		Journal Titles Ranked by Impact Factor			
Compare Journals		Compare Selected Journals	Add Journals to New or Existing List	Customize Indicators	
Select All	Full Journal Title	Total Cites	Journal Impact Factor	Eigenfactor Score	
<input type="checkbox"/>	1 PROGRESS IN ENERGY AND COMBUSTION SCIENCE	10,618	25.242	0.01000	
<input type="checkbox"/>	2 INTERNATIONAL JOURNAL OF PLASTICITY	10,827	5.502	0.01400	
<input type="checkbox"/>	3 PROCEEDINGS OF THE COMBUSTION INSTITUTE	13,253	5.336	0.01600	
<input type="checkbox"/>	4 INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE	13,392	5.106	0.00800	