

## How to Find Journals & Check Quartiles in Journal Citation Reports (JCR)

### Step 1: Access Campus Online

- Go to USM Campus Online <https://campusonline.usm.my/> (Figure 1: Campus Online)
- Log in with your USM Identity.

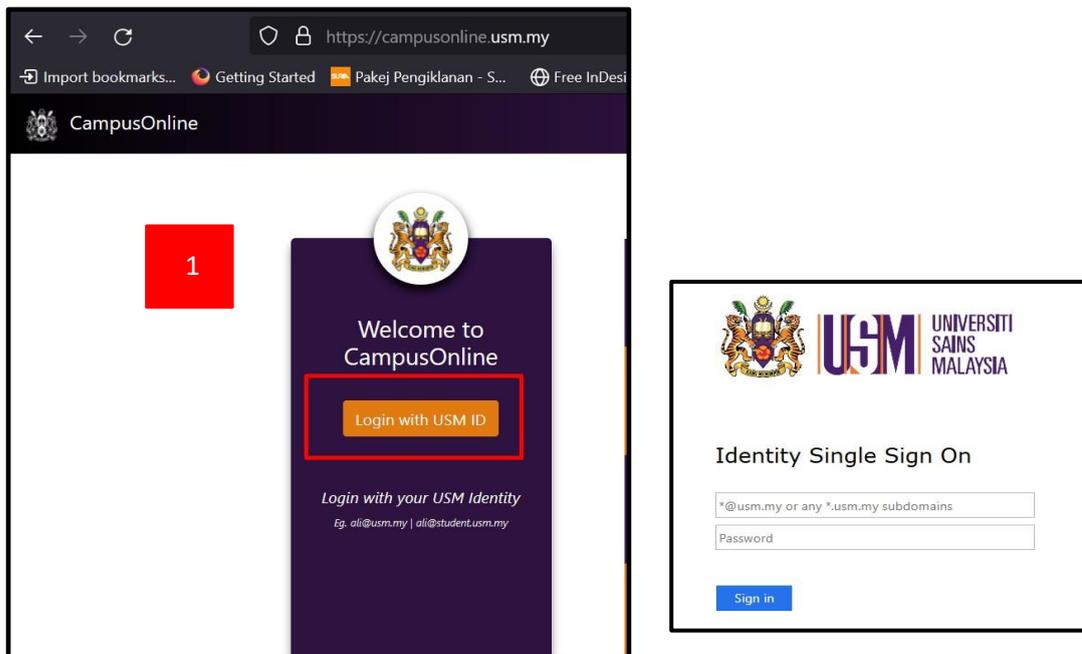


Figure 1: Campus Online

### Step 2: Navigate to ePerpustakaan

- On the dashboard, select **ePerpustakaan** (Figure 2) from the available apps.



Figure 2: ePerpustakaan app

### Step 3: Choose Off-Campus Access

- Select **Off-Campus Access** to access the library's electronic resources remotely.

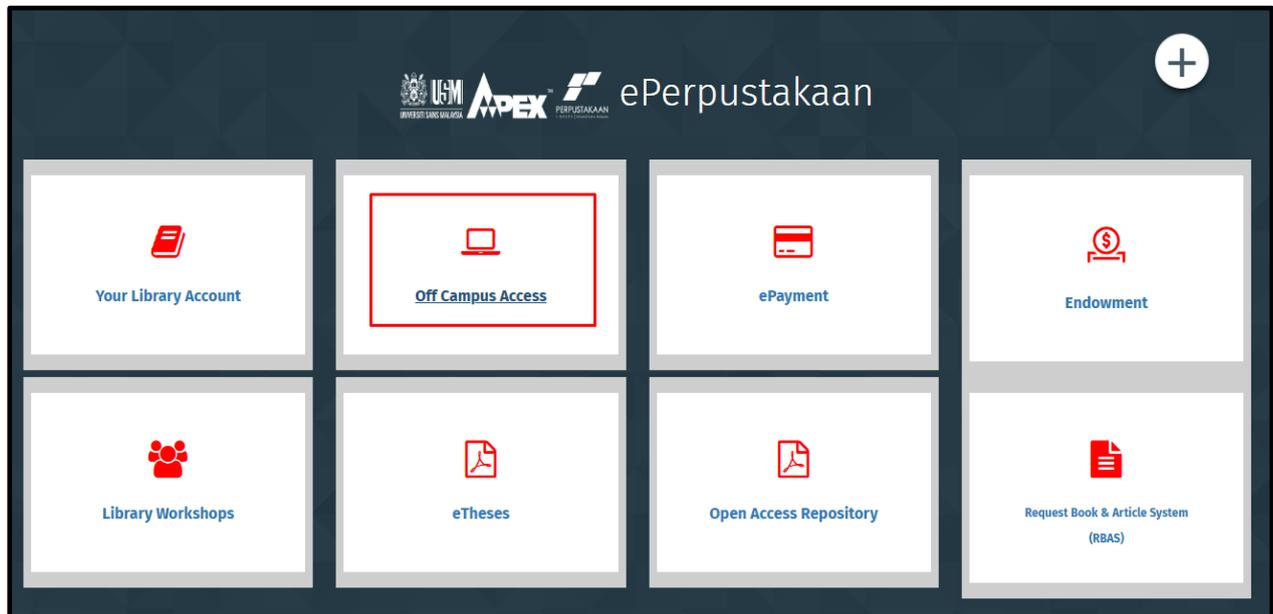


Figure 2: ePerpustakaan dashboard

### Step 4: Search for Journal Citation Reports (JCR) Database

Under the **Discover Resources – Search the list of resources** - search for Journal Citation Reports (JCR) and click to access (Figure 3).

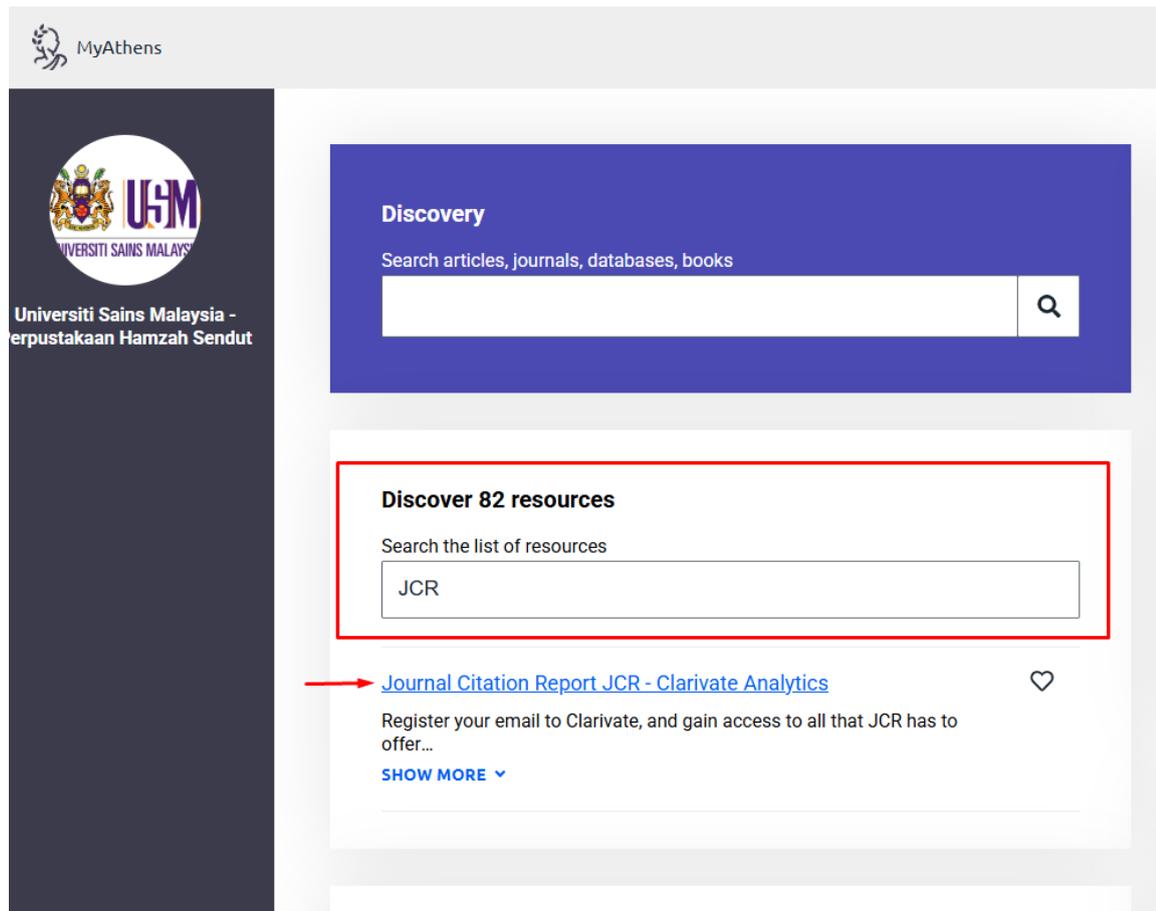


Figure 3: Search Database

### Step 5: Search for a Journal

- Two ways to find journals in JCR.
  - ✓ **Option 1:** Use the **Search Bar** to type the journal name.
  - ✓ **Option 2: Browse by Category** to explore journals in your field.

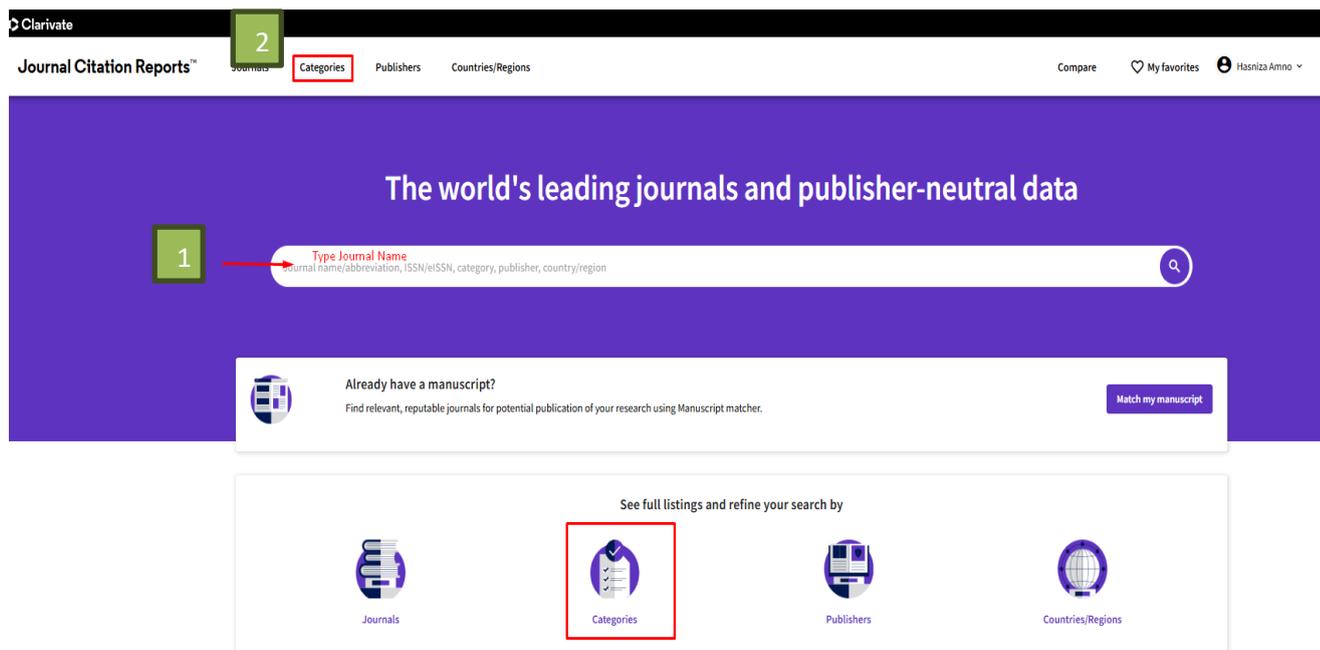


Figure 4: JCR homepage

### Option 1: Search by Journal Name (Direct Search)

- At the **JCR homepage**, locate the **search bar** at the top.
- Type the full or partial **journal name** (e.g., Nature).

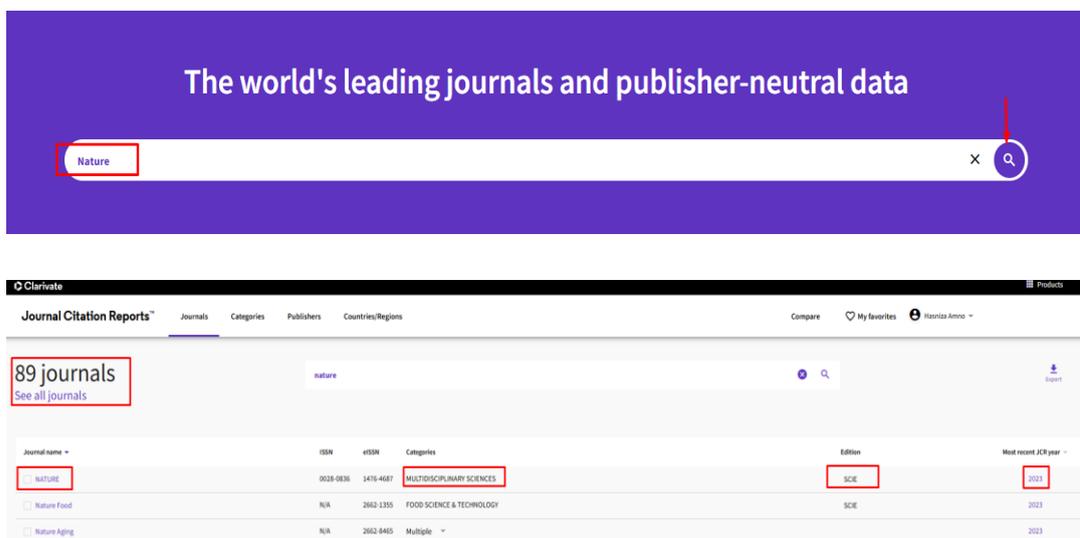


Figure 5: Journal Results

- Click on the **journal title** from the search results to view its details and **Export**.

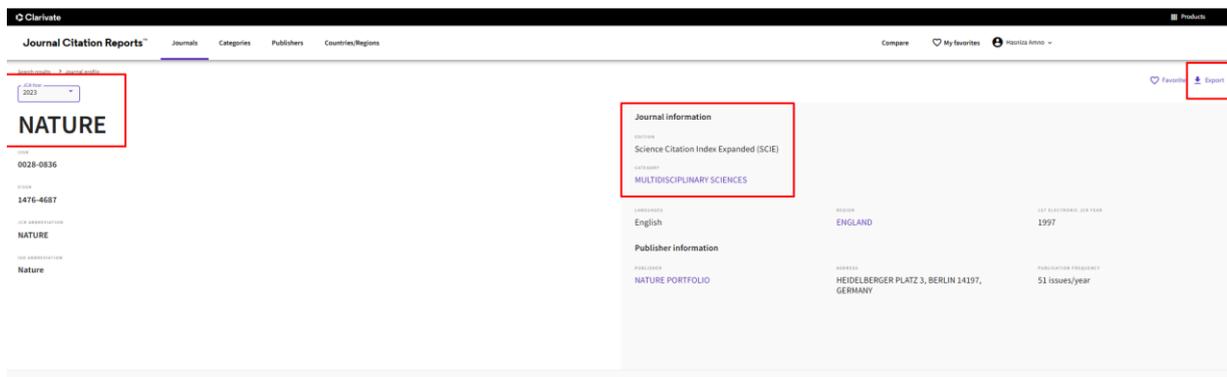


Figure 6: Journal Profile Page

 Use this method if you already have a specific journal in mind and want to check its ranking and impact factor.

## Option 2: Search by Subject Category (Browse & Discover)

- On the **JCR homepage**, click **Browse by Category** (or go to 'Categories' in the top menu).
- Choose your **field of study** (e.g., *Information Science & Library Science, Engineering, Medicine, Agriculture Sciences*).

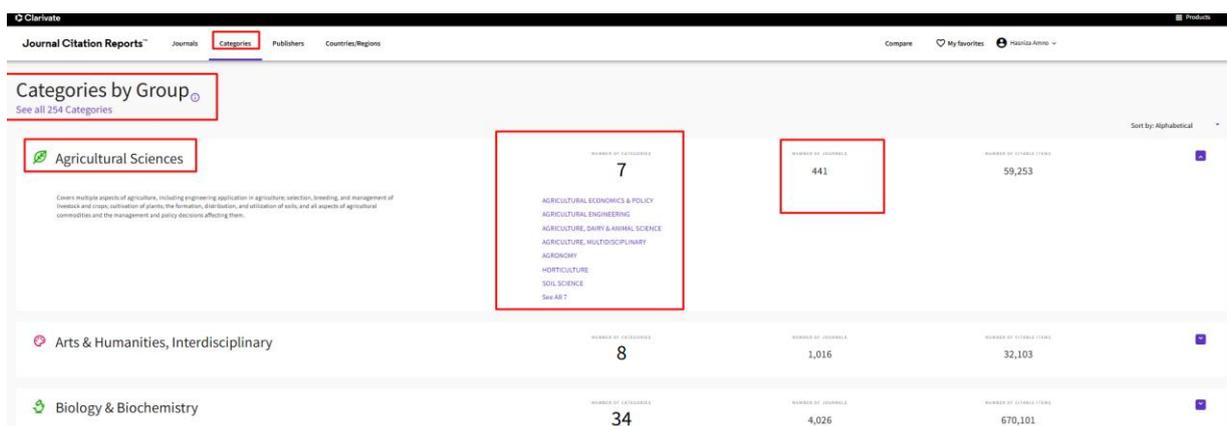


Figure 7: Journal by Categories

- A list of journals in that subject area will appear once you click at **#of Journal**.

Journal Citation Reports™ Journals Categories Publishers Countries/Regions Compare My favorites HORIZA Amro

1 category  
See all 21 Groups

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region

AGRICULTURAL ENGINEERING

Category	Group	Edition	# of journals	Citable Items	Total Citations	Median Impact Factor
AGRICULTURAL ENGINEERING	Agricultural Sciences; Engineering	ESCI, SCIE	20	4,883	291,106	1.8

Journal Citation Reports dataset updated Oct 23, 2024

Journal Citation Reports™ Journals Categories Publishers Countries/Regions Compare My favorites HORIZA Amro

20 journals

Journal name/abbreviation, ISSN/eISSN, category, publisher, country/region

AGRICULTURAL ENGINEERING JCR Year: 2023

Journal name	ISSN	eISSN	Category	Edition	Total Citations	2023 JIF	JIF Quartile	2023 JCI	% of Citable On
BIORESOURCE TECHNOLOGY	0960-8524	1873-2976	AGRICULTURAL ENGINEERING	SCIE	167,262	9.7	Q1	1.77	6.19%
Smart Agricultural Technology	2772-3755	2772-3755	AGRICULTURAL ENGINEERING	ESCI	1,118	6.3	Q1	1.08	97.32%
BIOMASS & BIOENERGY	0961-9534	1873-2009	AGRICULTURAL ENGINEERING	SCIE	21,043	5.8	Q1	1.03	18.17%
INDUSTRIAL CROPS AND PRODUCTS	0926-6690	1872-633X	AGRICULTURAL ENGINEERING	SCIE	56,284	5.6	Q1	1.45	5.65%
BIOSYSTEMS ENGINEERING	1537-5110	1537-5129	AGRICULTURAL ENGINEERING	SCIE	12,894	4.4	Q1	1.24	15.53%
AQUACULTURAL ENGINEERING	0144-8609	1873-5614	AGRICULTURAL ENGINEERING	SCIE	3,696	3.6	Q2	1.02	23.57%
Agri-Engineering	N/A	2624-7402	AGRICULTURAL ENGINEERING	ESCI	769	3.0	Q2	0.50	100.00%
Journal of Agricultural Engineering	1974-7071	2239-6268	AGRICULTURAL ENGINEERING	SCIE	950	2.4	Q2	0.19	95.45%

Figure 8: Journal List Page

- Once you've found a journal that fits your research area, click on its name to check **Impact Factor, Quartile Ranking, and Key Metrics**.

Rank by Journal Impact Factor

Journals within a category are sorted in descending order by Journal Impact Factor (JIF) resulting in the Category Ranking below. A separate rank is shown for each category in which the journal is listed in JCR. Beginning in 2023, ranks are calculated by category. Learn more

AGRICULTURAL ENGINEERING

1/20

JCR YEAR: 2023, JIF RANK: 1/20, JIF QUANTILE: Q1, JIF PERCENTILE: 97.5

Rank by JIF before 2023 for AGRICULTURAL ENGINEERING

JCR YEAR	JIF RANK	JIF QUANTILE	JIF PERCENTILE
2022	1/14	Q1	96.4
2021	1/14	Q1	96.43
2020	1/14	Q1	96.43
2019	1/13	Q1	96.15

BIOTECHNOLOGY & APPLIED MICROBIOLOGY

10/174

JCR YEAR: 2023, JIF RANK: 10/174, JIF QUANTILE: Q1, JIF PERCENTILE: 94.5

Rank by JIF before 2023 for BIOTECHNOLOGY & APPLIED MICROBIOLOGY

JCR YEAR	JIF RANK	JIF QUANTILE	JIF PERCENTILE
2022	11/158	Q1	93.4
2021	11/159	Q1	93.40
2020	12/159	Q1	92.77
2019	12/156	Q1	92.63

Figure 9: Quartile Ranking & Impact Factor

**📌 Important Note:**

💡 If a journal appears in multiple subject categories, its quartile ranking is determined based on the **highest quartile ranking** among those categories.

🗣️ Example:

"If a journal is ranked **Q1 in Agricultural Engineering** but **Q2 in Biotechnology & Applied Microbiology**, it will be considered a **Q1 journal overall**." ✓

**OR**

➤ Use the **Sort & Filter** options to refine your search.

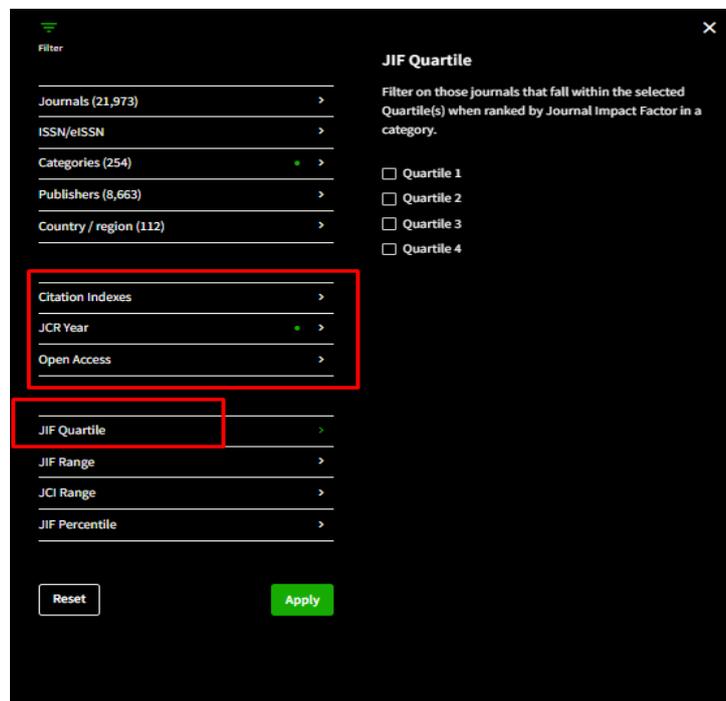


Figure 10: Sort & Filter Option

**Step 6: Use the Filtering Feature**

If you need to compare journals, click Categories and filter by:

- ✓ Subject area (e.g., Library Science, Engineering, etc.)
- ✓ Find the Journal Quartile (Q1-Q4) – Q1 is the highest-ranked!
- ✓ Open Access options



💡 Tip: Always check for **publication fees, scope, and indexing** before submission.