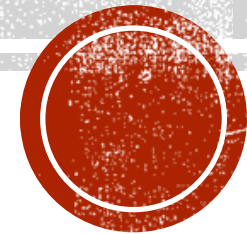


# **PANDUAN CARIAN PATEN MENGUNAKAN LENS.ORG (PATENT SEARCH)**

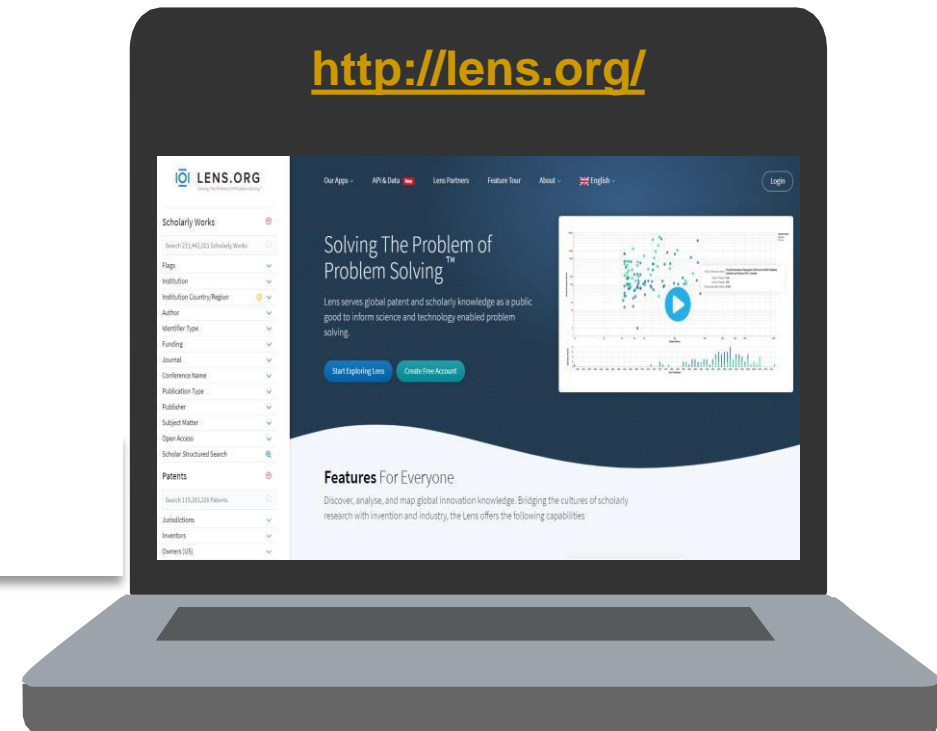




# OBJEKTIF UTAMA

**Memberikan kesedaran  
“awareness” mengenai  
keperluan dan kepentingan  
menghasilkan penyelidikan  
yang unik dan inovatif**

Menggunakan website <http://lens.org/>  
bagi tujuan carian paten





# KEPENTINGAN CARIAN PATEN

KPM telah mula memperkenalkan keperluan carian paten pada tahun 2020



## Menghasilkan penyelidikan yang unik, penting dan inovatif

Membantu penyelidik mengetahui apa yang orang lain buat dalam bidang yang mereka selidik, dan mengesahkan sama ada kerja penyelidik adalah **unik, penting dan inovatif**.



## Sumber carian data penyelidikan

Data-data penting bukan sahaja terdapat dalam artikel-artikel jurnal yang telah diterbitkan, tetapi juga dalam paten.



## Dapatkan maklumat yang lebih baik

Segara mempatenkan hasil ciptaan/inovasi yang dianggap bernilai, maka ianya juga sangat berguna untuk penyelidik.



## Gunakan ciptaan secara percuma

Paten akan tamat tempoh selepas 20 tahun, yang bermaksud sesiapa sahaja boleh menggunakan ciptaan ini. Selain itu, walaupun paten masih sah, mungkin terdapat peruntukan untuk





# MODUL PERMOHONAN MYGRANTS > “ADDITIONAL INFORMATION”

Patent Search (describe how your research output shall produce an innovation idea or technology that has the potential to be a solution to future stakeholders (community, industry, government etc.) and offer a unique proposition not found in potential competitors) To identify if the researcher is able to coherently present a compelling argument for their proposal in light of the IP landscape and factors identified in the (Yes/No) Section. The answer would reflect an understanding of their research advantage and limitations and the prospect of moving the completed research beyond this stage of funding.

Please download and fill in the Simplified Patent Search Report, and attach it as a file [Simplified Patent Search Report](#)

500 words left  
Attach File Delete File

- 1) Has the number of patent published INCREASED for the past 10 years?
- 2) Has the number of patent published DECREASED for the past 10 years?
- 3) Does the description of the highest CPC Classification accurately represent the area of technology or innovation that the research aims to produce?
- 4) Does the list of previous patent applicants include potential STAKEHOLDERS for the research output?
- 5) Does the list of previous patent applicants include potential COMPETITORS for the research output?
- 6) Does the patent search yield similar patents already filed in Malaysia?
- 7) Does the patent search yield similar patents already filed in Thailand, Indonesia and Singapore?
- 8) Does the inventor with the highest number of patents filed or awarded possess more than 2 patents to his/her name?

## SIMPLIFIED PATENT SEARCH REPORT

[using Lens.org (<http://lens.org/>)]

Version 1/2020

Keywords Used	(type in the keywords used in your search)	The Number of Patents Found using Keywords Used	(copy and paste the number)
		Link to the Search Result on Lens.org	(paste the link of your search result copied from the Share box)

Answer these questions using 'YES' or 'NO'		
No.	Questions	(YES / NO)
1	Has the number of patent published INCREASED for the past 10 years? If yes, it highlights an increasing interest to protect ideas associated with keywords used. Increasing interest may indicate developing or sunrise sector showing potential for substantial and rapid growth.	
2	Has the number of patent published DECREASED for the past 10 years? If yes, it highlights a decreasing interest in sectors associated with keywords used. Decreasing interest may indicate a declining or sunset sector showing diminishing interest to protect ideas or absence of new innovation.	
3	Does the description of the highest CPC Classification accurately represent the area of technology or innovation that the research aims to produce? If yes, it indicates correct keyword use that reflect understanding of the nature of the potential research output, its functionality, purpose and composition.	
4	Does the list of previous patent applicants include potential STAKEHOLDERS for the research output? If yes, it shows that the research output is aligned with future stakeholders and has the potential to be commercialised.	
5	Does the list of previous patent applicants include potential COMPETITORS for the research output? If yes, it shows that the research output has potential and is pursued by existing stakeholder in the sector.	
6	Does the patent search yield similar patents already filed in Malaysia? If yes, does your research output differ from the patents already filed?	
7	Does the patent search yield similar patents already filed in Thailand, Indonesia and Singapore? If yes, does your research output differ from the patents already filed?	
8	Does the inventor with the highest number of patents filed or awarded possess more than 2 patents to his/her name? If yes, it shows possible continuous pursuant of ideas associated with the research output by other interested parties.	



# SIMPLIFIED PATENT SEARCH

## ■ **NOTE**


This is a one page simplified and stripped down version of a patent search that is designed to create intellectual property awareness to KPM (Ministry of Education Malaysia) grant applicants. Using this one-page summary and Lens.org, applicants would be able to:


- 1) Familiarise with a basic patent search process;
- 2) View basic information associated with their research;
- 3) Identify the novelty position of their research application with regards to the intellectual property landscape;
- 4) Identify other actors (potential collaborators/stakeholders/competitors) in the sectors associated with their research areas;
- 5) Identify potential trends in intellectual property interest;
- 6) See historical patent trends associated their research;
- 7) Identify if neighbouring countries (Singapore, Indonesia, Thailand) has developed similar ideas; and
- 8) Avoid submitting research proposals that lacks novelty and potential economic and societal impact








# TUTORIAL


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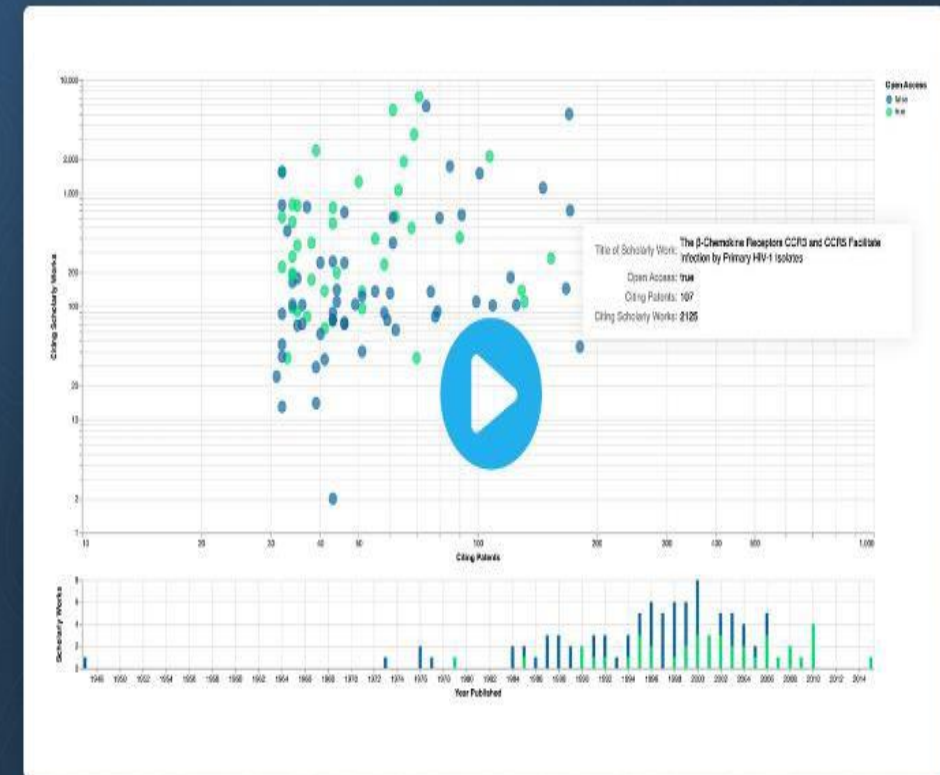
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Subject Matter

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## Scholar Results

Scholarly Works (193,800,516) = All Docs

Filters: Year published = 1950 - 2019

Works in Set  
193,800,516

Works Cited by Patents  
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Citing Patents  
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Patent Citations  
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Works Cited by Scholarly  
68,255,114

Scholarly Citations  
1,475,368,718

2. Click Here

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Citing Patents

List

Analysis

☒ Expand All ☐ Save Query ☐ Share Results ☐ Export Results ☐ Cited by Patents ☐ Hide Analysis Preview ☐ Scholarly Citations (highest)

☐ Protein Measurement with the Folin Phenol Reagent

☒ Oliver H Lowry, Nira J Rosebrough, A Lewis Farr, Rose J Randall

Journal of Biological Chemistry, Issue: 1, Volume: 193, Pages: 265-275. | Nov 1, 1951

Additional Info: [Patents](#) [Substance](#) [Affiliation](#) [Field of Study](#)

702 Patent Citations 271,152 Scholarly Citations Reference Count: 0

Journal Article [091-863-869-534-178](#) [14907713](#) [1775749144](#) [Find full-text at your institution](#)

☐ Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4

☒ Ulrich K Laemmli

Nature, Issue: 5259, Volume: 227, Pages: 680-685. | Aug 15, 1970

Additional Info: [Patents](#) [Substance](#) [Affiliation](#) [Field of Study](#)

1,684 Patent Citations 220,825 Scholarly Citations Reference Count: 21

Journal Article [069-766-900-161-081](#) [10.1038/227680a0](#) [5432063](#) [2100837269](#) [Find full-text at your institution](#)

☐ A rapid and sensitive method for the quantitation of microgram quantities of protein utilizing the principle of protein-dye binding

☒ Marion M Bradford

Institution Name



492,026



406,156



402,468



342,489



287,410



286,251



## Field Tips

- General
- Family
- Classification
- Citations
- Sequences

## New Patent Search

Patent Query = water filter

Field

All Fields

Predicate: ☒ AND ☐ OR

water filter

1. Insert Keywords

Search

Dates: ☒ Published ☐ Filed ☐ Priority

From

To

Query Language

English

ORCID Lookup

Enter Name or ORCID ID

Jurisdictions

- ☐ Republic of Moldova
- ☐ Montenegro
- ☐ Mongolia
- ☐ Macau
- ☐ Malta
- ☐ Malawi
- ☐ Mexico
- ☒ Malaysia
- ☐ Nicaragua

3. Select Classification: CFC

The Cooperative Patent Classification (CPC) is a patent classification system, which has been jointly developed by the European Patent Office (EPO) and the United States Patent and Trademark Office (USPTO)

Classifications

Explore Patent Classifications

☒ CPC ☐ IPC ☐ US

☐ A human necessities

☐ B performing operations transporting

☐ C chemistry metallurgy

☐ D textiles paper

☐ E fixed constructions

Other Options

☐ Full Text ☐ One doc per family ☒ Stemming

2. Select Asian Country: Malaysia, Indonesia, Singapore, Thailand

Doc Type

- ☐ Patent Application
- ☐ Granted Patent
- ☐ Limited Patent
- ☐ Search report

4. Search

Search



## Filters

Date Range

## Jurisdictions

- ☒ Singapore (229)
- ☒ Malaysia (196)
- ☒ Indonesia (8)
- ☒ TH - Thailand (0)

More

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Owners (US)

Applicants

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Document Families

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## Patent Results

Patents (433)

water filter

Filters: Jurisdiction = ID, MY, TH, SG

Patents

Cited Works

[Expand All](#) [Save Query](#) [Share Results](#) [Export Results](#) [Cites Works](#) [Group Families](#) [Hide Preview Analysis](#) [Sort by Relevance](#)☐ Water Filtering Device☒ Published: Dec 30, 2013 Filed: May 8, 2012 Earliest Priority: May 12 2011 Family: 19 Cited Works: 0 Cited by: 0 Cites: 0

## # Additional Info:

Applicant: Strauss Water Ltd

Patent Application SG 194900 A1 187-746-826-248-401

☐ Water Filter☒ Published: Sep 29, 2015 Filed: Feb 24, 2014 Earliest Priority: Feb 24 2014 Family: 1 Cited Works: 0 Cited by: 0 Cites: 0

## # Additional Info:

Applicant: Hydrochem S Pte Ltd

SG 10201400149W A 142-832-340-957-425

☐ System And Method For Treating Raw Water☒ Published: Oct 30, 2012 Filed: Mar 25, 2011 Earliest Priority: Mar 25 2011 Family: 1 Cited Works: 0 Cited by: 0 Cites: 0

## # Additional Info:

Applicant: Gwt Water Technology Pte Ltd

Patent Application SG 184596 A1 027-322-741-987-319

☐ Filter System With Removable Enhancement Media☒ Published: Dec 28, 2012 Filed: May 9, 2011 Earliest Priority: May 14 2010 Family: 12 Cited Works: 0 Cited by: 0 Cites: 0

## # Additional Info:

Applicant: Paragon Water Systems Inc

Patent Application SG 185407 A1 161-022-022-259-052

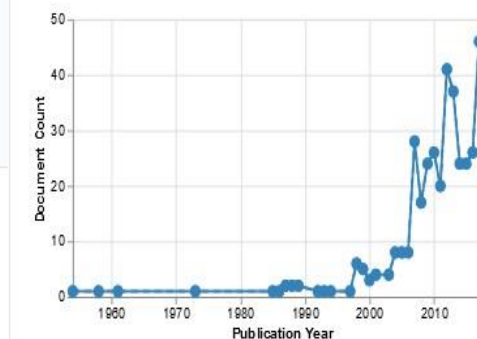
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## Publications By Year



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## Jurisdictions





## Analysis details

433 Patent Results (396 families)

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- ☒ Malaysia (196)
- ☒ Indonesia (8)
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Query Tools

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## Patent Results

Patents (433) = (water filter)

Filters: Jurisdiction = ID, MY, TH, SG

Patents

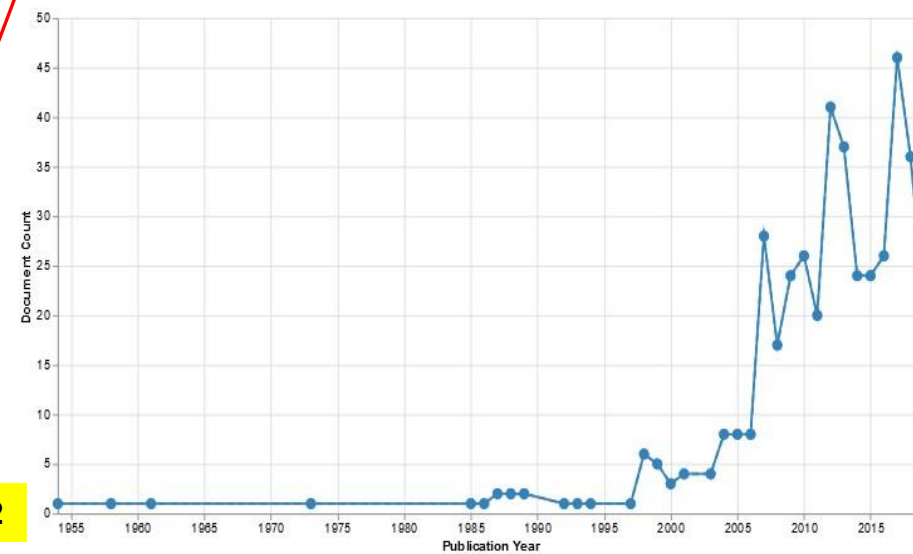
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### Publications By Year



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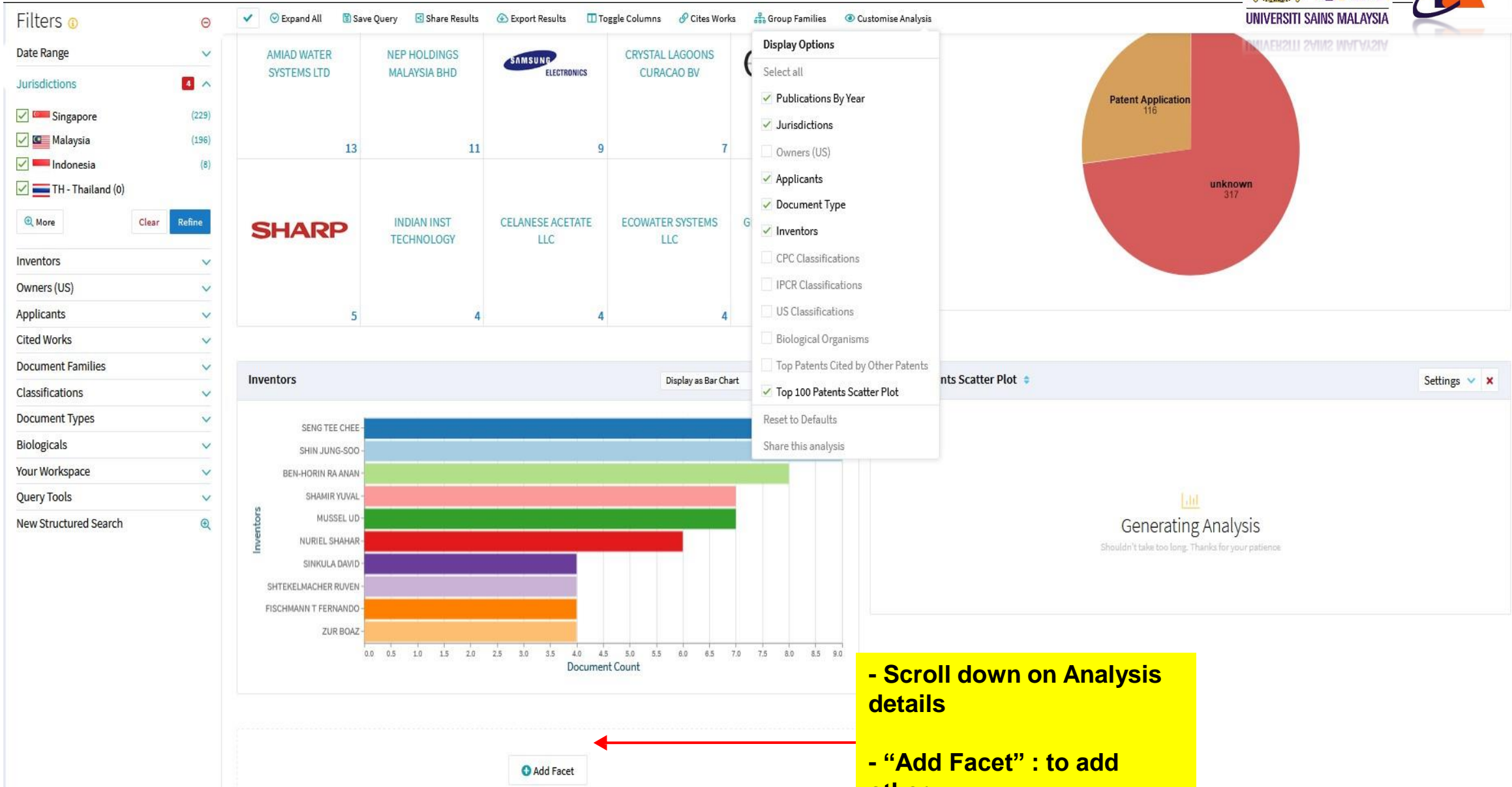


Question No. 1 and 2

Question No. 6 and 7







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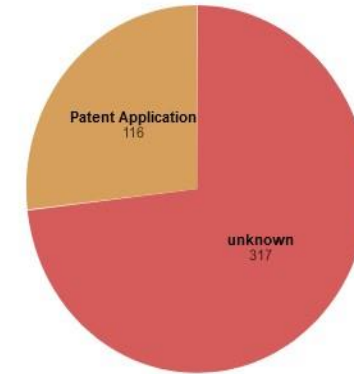
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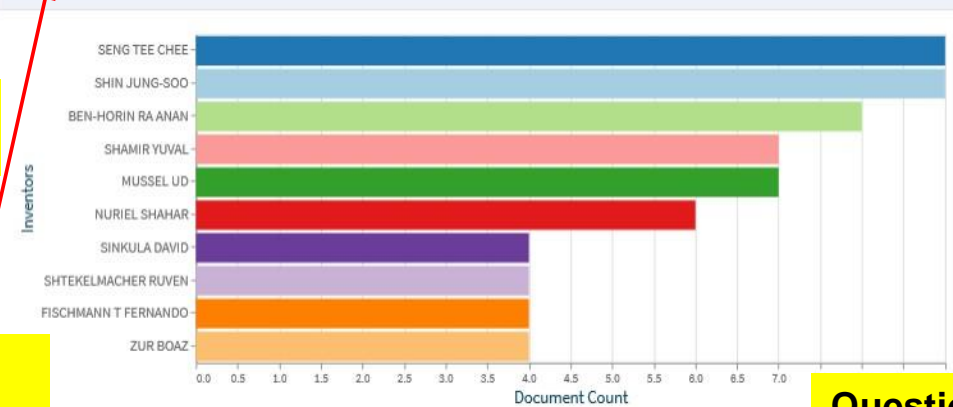
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### CPC Classifications

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Question No. 4 and 5

Question No. 8

Question No. 3





# TERIMA KASIH

