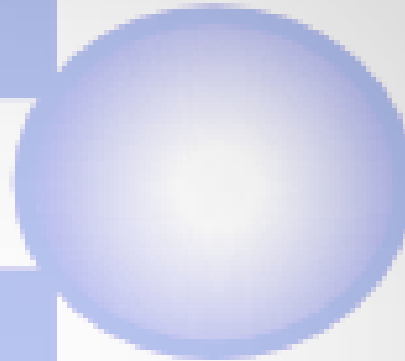


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Untangling the scientific information web:

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Monday 14th October 2013



Consultancy

Evaluating databases

Preparing presentations and training materials

Writing grant applications

Search Services

Technology scouting

Patent searching (Invalidity, State of the Art, Prior Art)

Technical commercialisation

Training

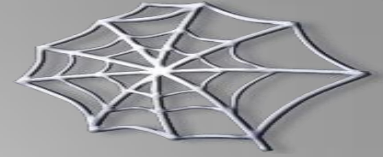
At conferences/events and in-house:

Asian patent searching- CN, JP, KR +
more countries in 2014

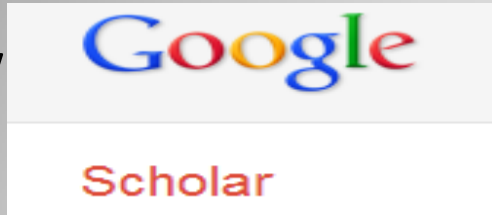
Commercialisation of early stage IP



Overview



Review



and



Qiqqa

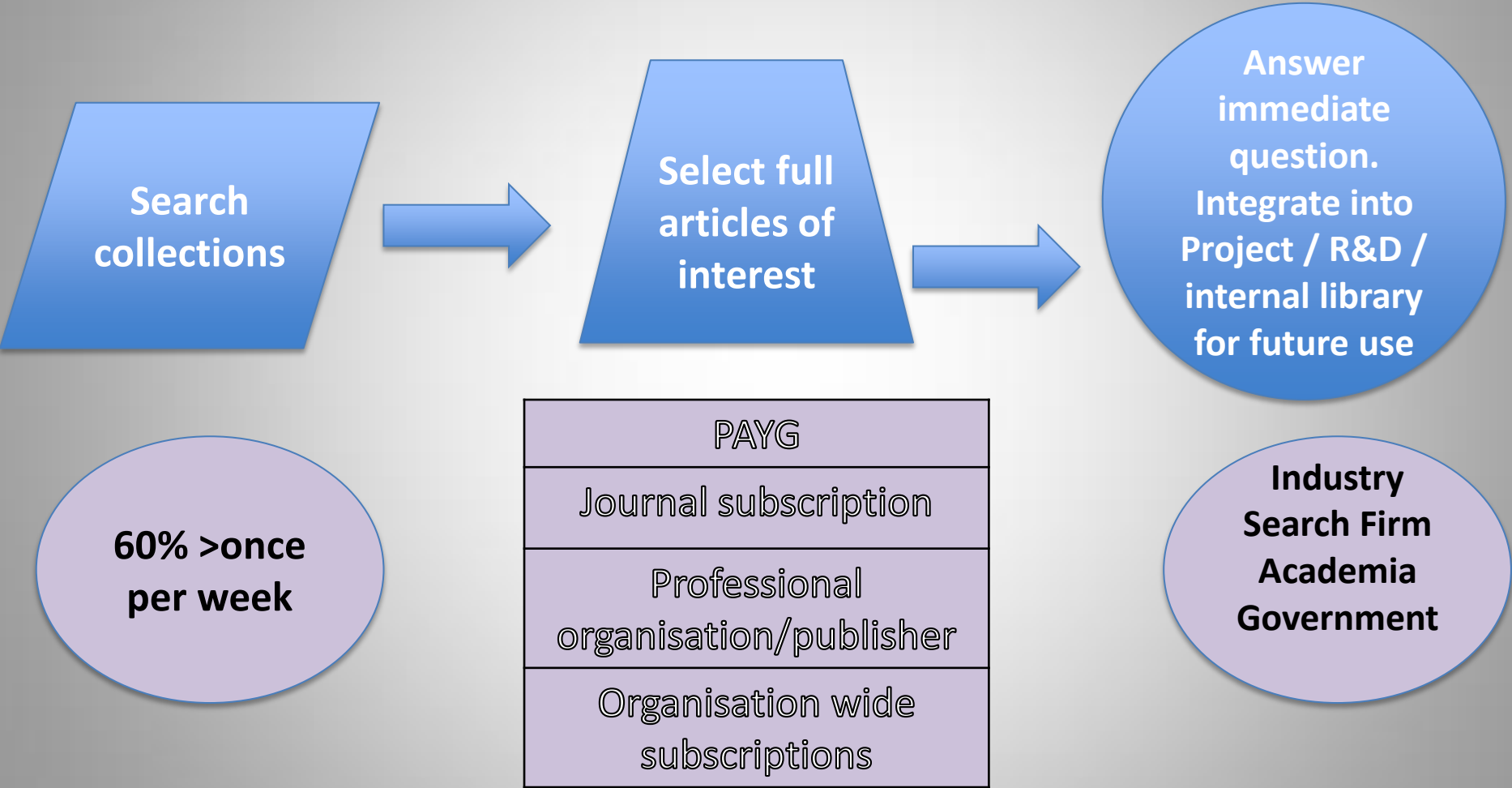


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Patent information professionals **search** the scientific literature

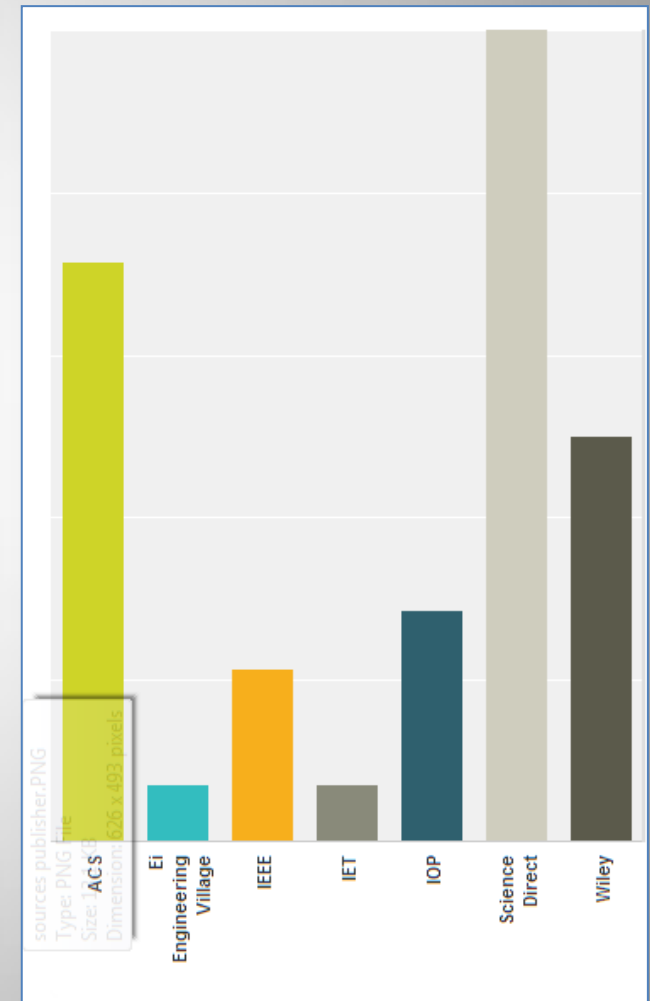
- (Non-Patent Literature) for prior art (patentability and invalidity) and competitive intelligence.
- WIPO PCT minimum documentation list 191 journal titles
- Scientific* literature differs from patent literature in that:
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Patent information professionals: Direct Publisher sources

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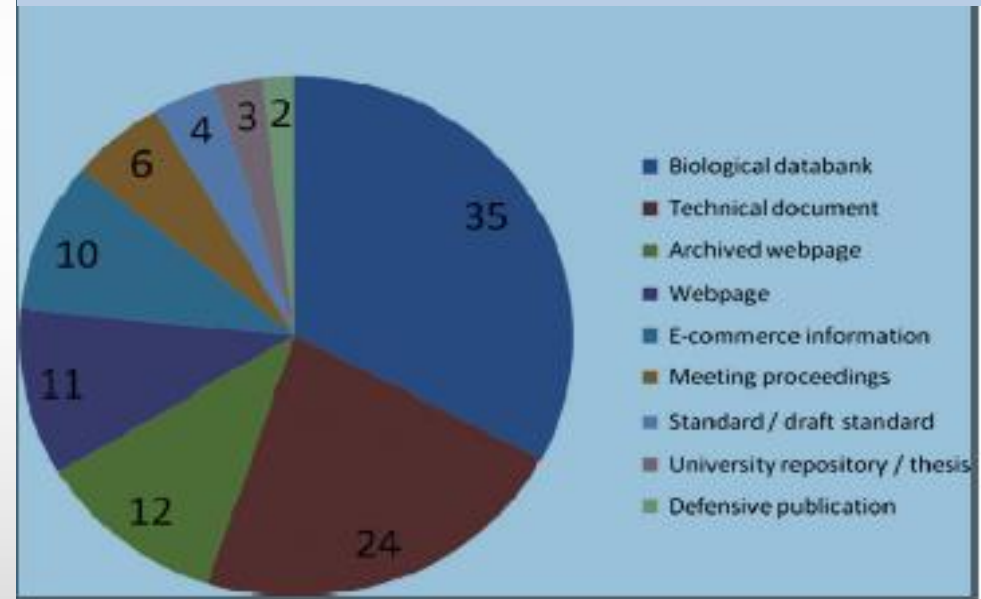


Fig. 3. Internet-unique citations by category.


Search Overview

Search criteria	Preferred	Google Scholar	Microsoft Academic Search
Article Title	89%	No	No
Author(s)	68%	Advanced search	Advanced search
Journal Title	6%	Advanced search	Advanced search
Institute	2%	No	Advanced search
Publication Year	30%	Yes	Advanced search
Subject Categories	n/a	No	15 broad categories
Related articles	n/a	By Link	By keyword
Cited references	24%	No	No
Citing references	n/a	Yes	Yes
Type of literature	n/a	books, conferences, journals	conferences, journals
url		http://scholar.google.co.uk/	http://academic.research.microsoft.com/

Full text articles and more....

View / download criteria	Google Scholar	Microsoft Academic Search
doi	yes	yes
Export citation	No	BibTex : RIS : RefWorks
Link to Publisher	yes	Yes
Direct download	Yes (from author / institute)	Through ResearchGate
Profile	Yes	Yes
Cumulative citation map	No	Yes
Author network	No	Yes
Rightslink	Yes	Publisher dependent

Google scholar

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[The refrigerant R1234yf in air conditioning systems](#)

Claudio Zilio, J. Steven Brown, Giovanni Schiochet, Alberto Cavallini

...displacement compressor, minichannel condenser, txv, **and** minichannel evaporator. a "drop-in" **r1234yf** system was tested together with two modified **r1234yf** systems with the primary goal...the aim to achieve with **r1234yf** similar capacity **and** efficiency as modern **r134a** systems. since the experimental results...

Journal: [Fuel and Energy Abstracts](#), vol. 36, no. 10, pp. 6110-6120, 2011

[Heat transfer and pressure drop during condensation of the low GWP refrigerant R1234yf](#)

D. Torresin, A. Cavallini

...s measured during condensation of **r1234yf** within a single circular 0.96 mm diameter minichannel **and** compares ones of **r134a**.this experimental work is carried...mass fluxes ranging between 200 **and** 1000 kg m⁻² s⁻¹ **and** the friction coefficients result to be lower as compared to the ones of **r134a**. since the saturation temperature drop...

Journal: [International Journal of Refrigeration-revue Internationale Du Froid - INT J REFRIG](#), vol. 33, no. 7, pp. 1307-1318, 2010

[A generalized equation for the surface tension of refrigerants](#) (Citations: 1)

Giovanni Di Nicola, Matteo Moglie

...r123, r123a, r124, r125, r134, **r134a**, r141b, r143a, r152a, r218, r225ca, r225cb, r227ea, r236ea, r236fa, r245ca, r245fa, r365mfc, r846, **and** **r1234yf**. experimental data were regressed with...deviation between the predicted data **and** the experimental data **and** to find the optimal equation...



Reference management / search challengers:



MENDELEY RESOURCES



Qiqqa

	Mendeley	Qiqqa
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Stores PDFs	Yes	Yes
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url	www.mendeley.com/	www.qiqqa.com

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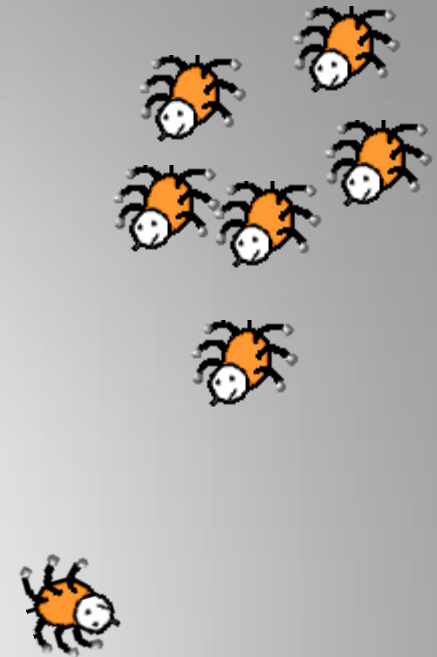
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Thank you for listening!

Jane@extractinfo.info

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http://www.stm-assoc.org/2009_10_13_MWC_STM_Report.pdf

Toward the next generation of recommender systems: a survey of the state of the art and possible extensions. 2005

<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=1423975>



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