

Questel

**ANALYSIS FROM ANY
SCIENTIFIC SOURCES IN
A SINGLE PLATFORM**



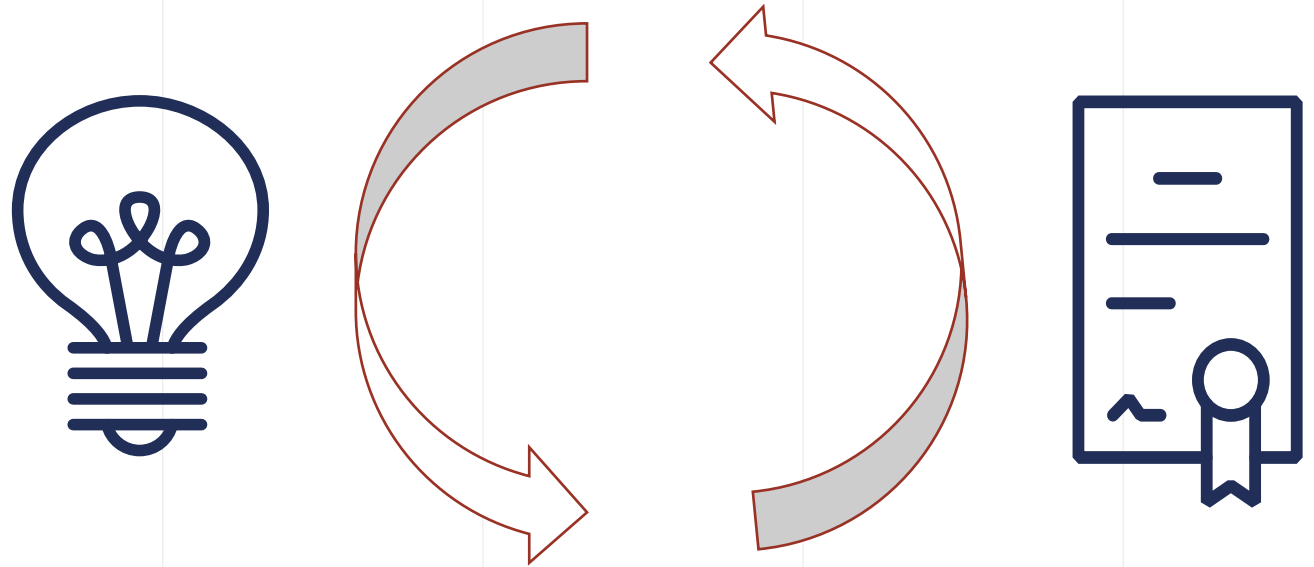
Orbit Intellixir

Questel, March 2021

About us

Delivering **intellectual property** solutions across the **innovation** lifecycle

IP thrives on **Innovation** and, in turn, provides the framework for its **Appropriation**





Orbit Intellixir

SaaS

Analyze patent & non-patent literature

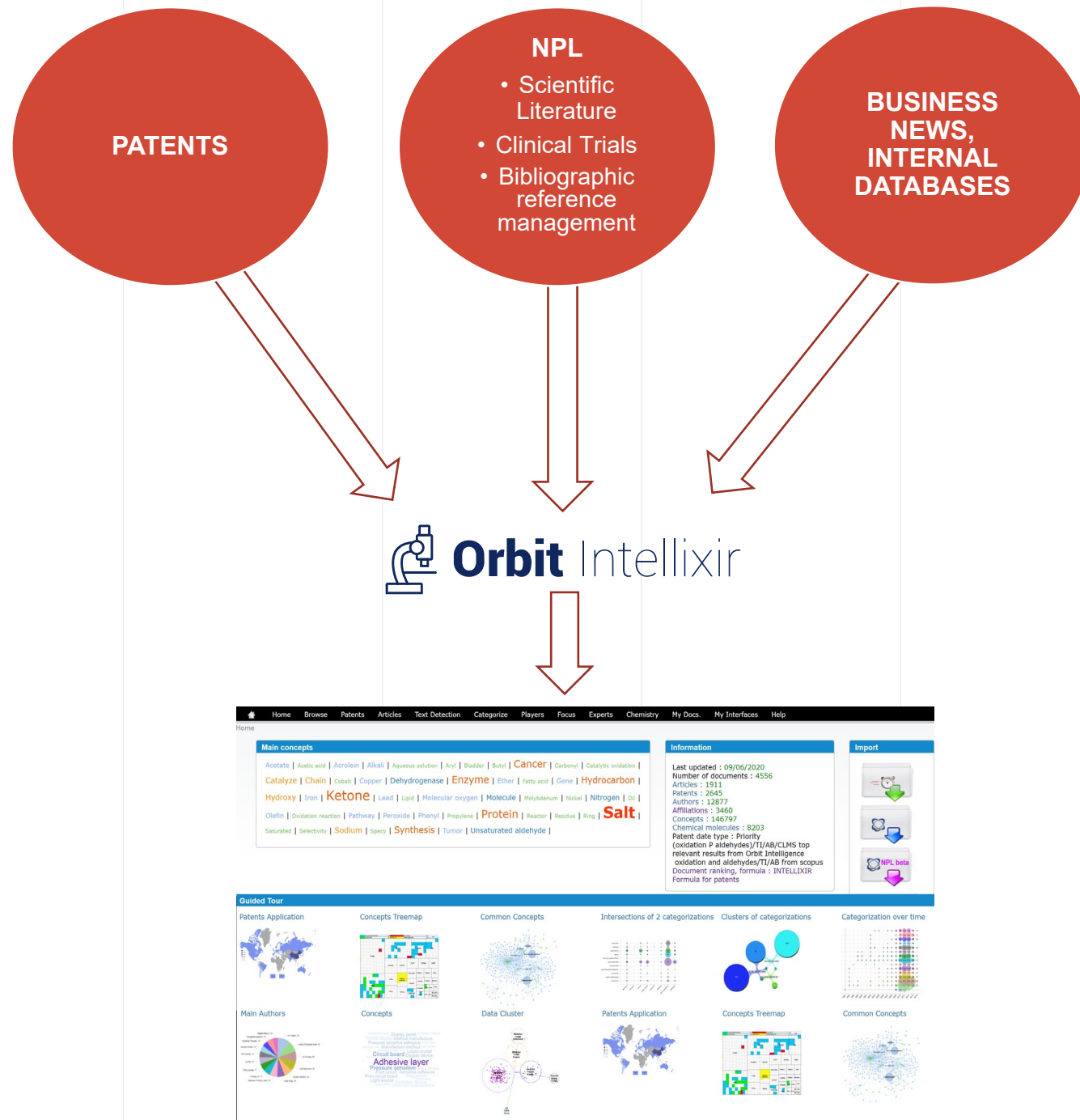
MULTISOURCE ANALYSIS TOOL

Web application

Orbit Intellixir is a software solution for analyzing patents and non-patent literature (NPL) conjointly using graphical representations and web navigation.

Orbit Intellixir has native sharing capabilities easing the link between information professionals and technical experts.

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APPROACH

4 simple steps

01. Collect

Import data from multiple sources; in-house, commercial and public

02. Process

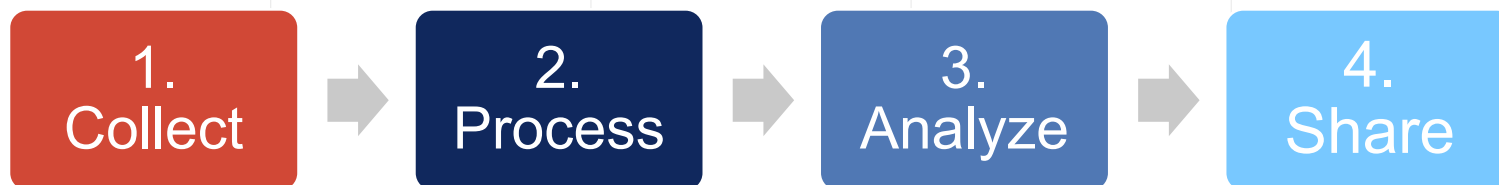
Consolidate data with ease through dedicated processing interfaces

03. Analyze

Create useful custom fields, thesauri and glossaries to categorize your dataset. Discover relevant information through rich and interactive graphical visualizations. Produce on demand reports

04. Share

Share results through static and dynamic reports, the end-user interface, Easylixir. Increase the collaboration with your expert via a dedicated interface





3 categories of users to address different needs

Readers	Level 0	Access to EasyLIXIR* only (end-user interface)
	Level 1	Read only access to the standard interface
Analysts	Level 2	Read access to standard interface and ability to delete documents
	Level 3	Can upload documents in an already existing study. Can create/edit his own user fields and apply already existing ones. Can apply “reference affiliation” grouping rules and do manual groupings.
Super-users	Level 4	Can create a new study and modify common data (reference affiliations and concepts)
	Level 5	Can see ALL the studies and can manage users.

Text mining

- ✓ **Easy exploration** of your dataset via the concepts
- ✓ **Categorize** and **visualize** all your data at once using Boolean queries
- ✓ **Detect trends and weak signals: the data-scientist's holy grail !**

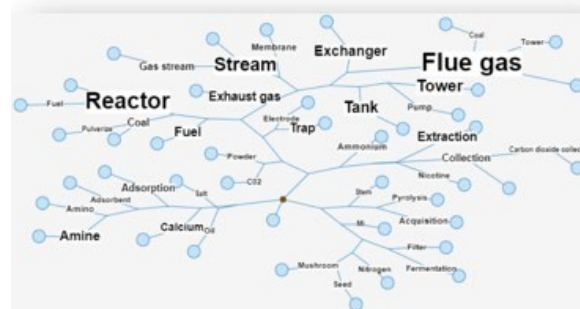
The **Tag Cloud** to see the main concepts



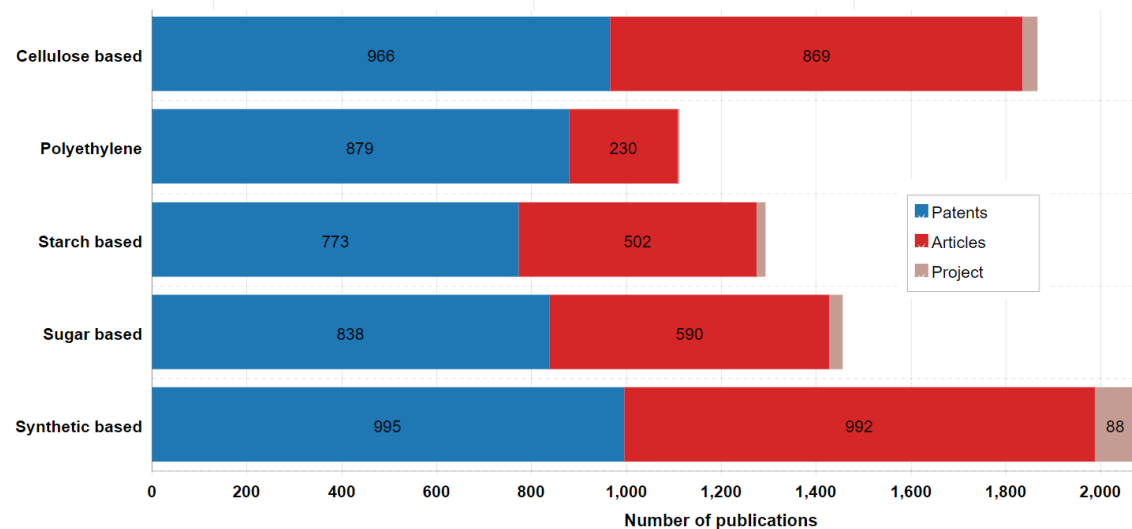
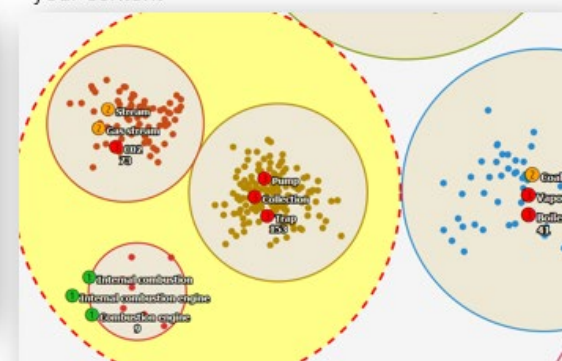
The **Network Graph** to see the co-occurrences between concepts



The **Phylogenic Tree** helps you to detect subtopic



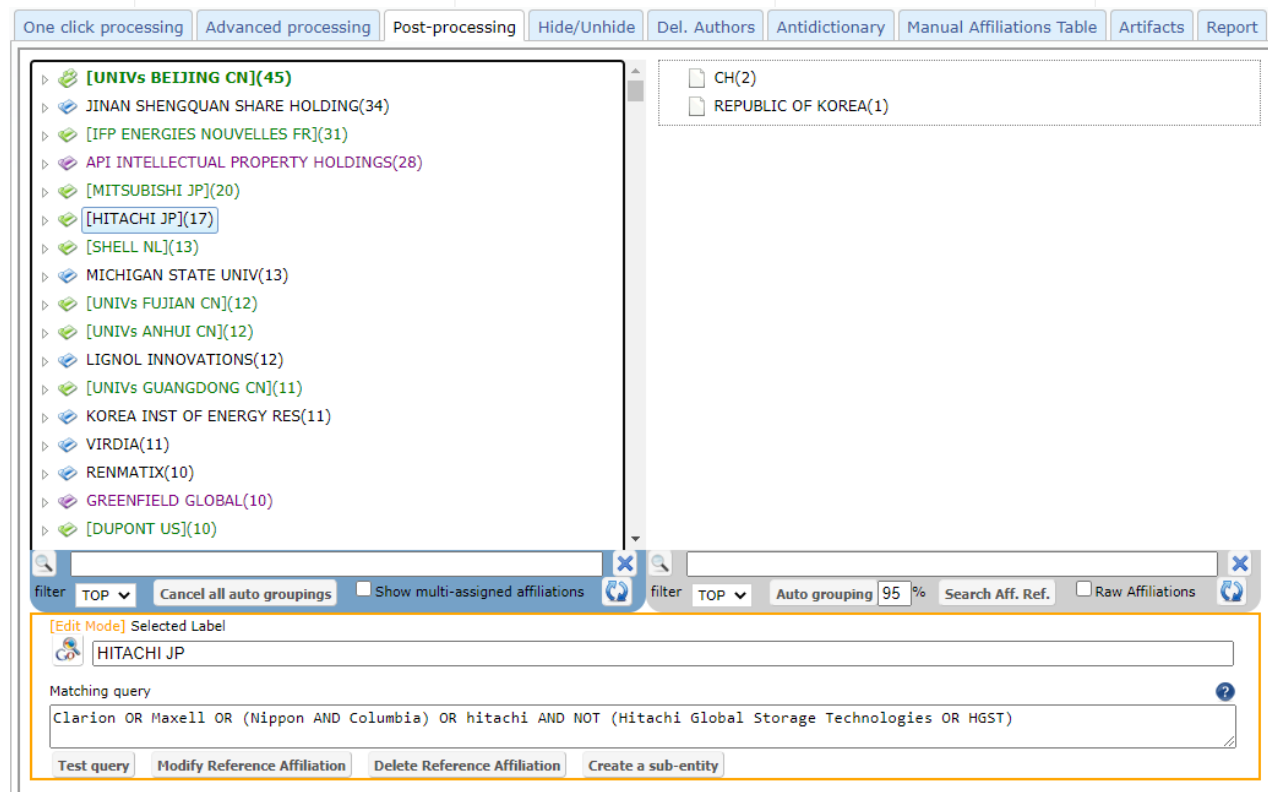
The **Data-Cluster** allows you to mine deeply in your content



Features

Data processing

- ✓ **Create your own grouping rules**
- ✓ **Manage efficiently** and **capitalize** your players groupings
- ✓ **Clean** and **group** your concepts as needed



The screenshot shows the Orbit Intellixir data processing interface. At the top, there are tabs for 'One click processing', 'Advanced processing', 'Post-processing', 'Hide/Unhide', 'Del. Authors', 'Antidictionary', 'Manual Affiliations Table', 'Artifacts', and 'Report'. The main area displays a list of entities with their counts, such as '[UNIVs BEIJING CN](45)', 'JINAN SHENGQUAN SHARE HOLDING(34)', '[IFP ENERGIES NOUVELLES FR](31)', 'API INTELLECTUAL PROPERTY HOLDINGS(28)', '[MITSUBISHI JP](20)', '[HITACHI JP](17)', '[SHELL NL](13)', 'MICHIGAN STATE UNIV(13)', '[UNIVs FUJIAN CN](12)', '[UNIVs ANHUI CN](12)', 'LIGNOL INNOVATIONS(12)', '[UNIVs GUANGDONG CN](11)', 'KOREA INST OF ENERGY RES(11)', 'VIRDIA(11)', 'RENMATIX(10)', 'GREENFIELD GLOBAL(10)', and '[DUPONT US](10)'. On the right, there is a list of affiliations: 'CH(2)' and 'REPUBLIC OF KOREA(1)'. Below the entity list, there is a search bar and a filter dropdown set to 'TOP'. A button 'Cancel all auto groupings' and a checkbox 'Show multi-assigned affiliations' are also present. The bottom section shows a selected label 'HITACHI JP' and a matching query: 'Clarion OR Maxell OR (Nippon AND Columbia) OR hitachi AND NOT (Hitachi Global Storage Technologies OR HGST)'. Below the query are buttons for 'Test query', 'Modify Reference Affiliation', 'Delete Reference Affiliation', and 'Create a sub-entity'.

Reference concepts

(Select a Label for edition)

Battery
Protein

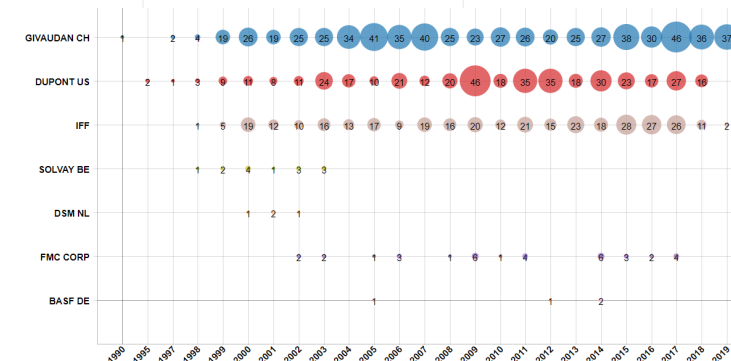
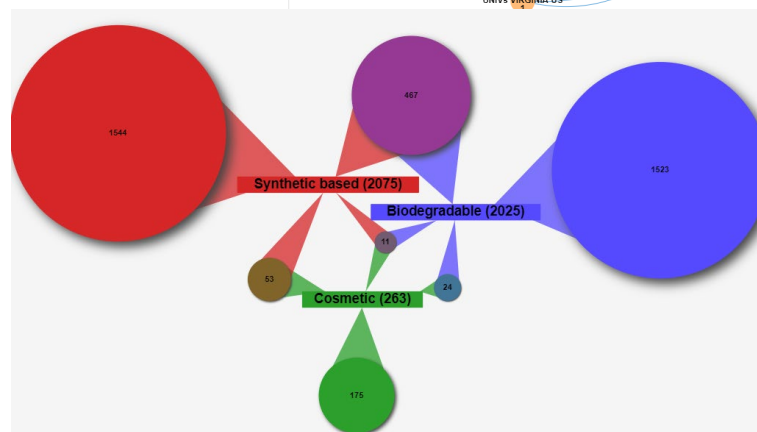
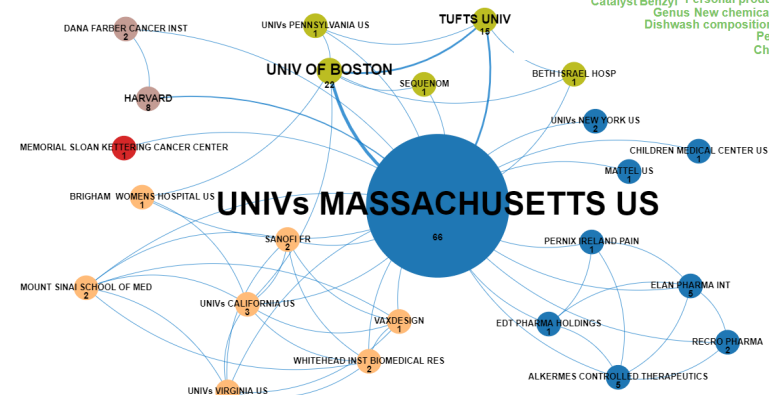
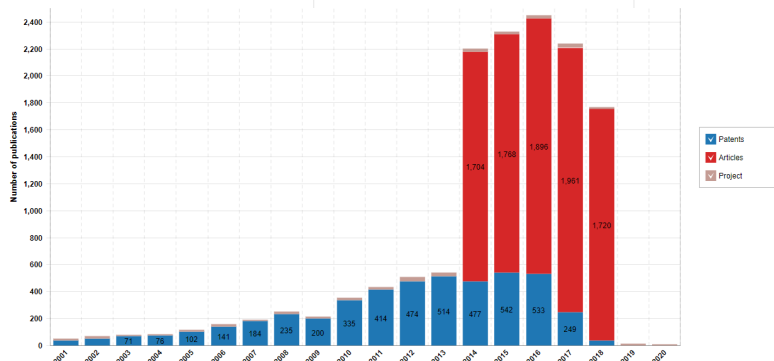
Grouped concepts

Battery

BATTERY
BATTERY ELECTRODE
BATTERY TECHNOLOGY
LI ION BATTERY
LITHIUM BATTERY
LITHIUM ION BATTERY
PRIMARY PROTON BATTERY
PROTON BATTERY
SECONDARY BATTERY
SODIUM ION BATTERY

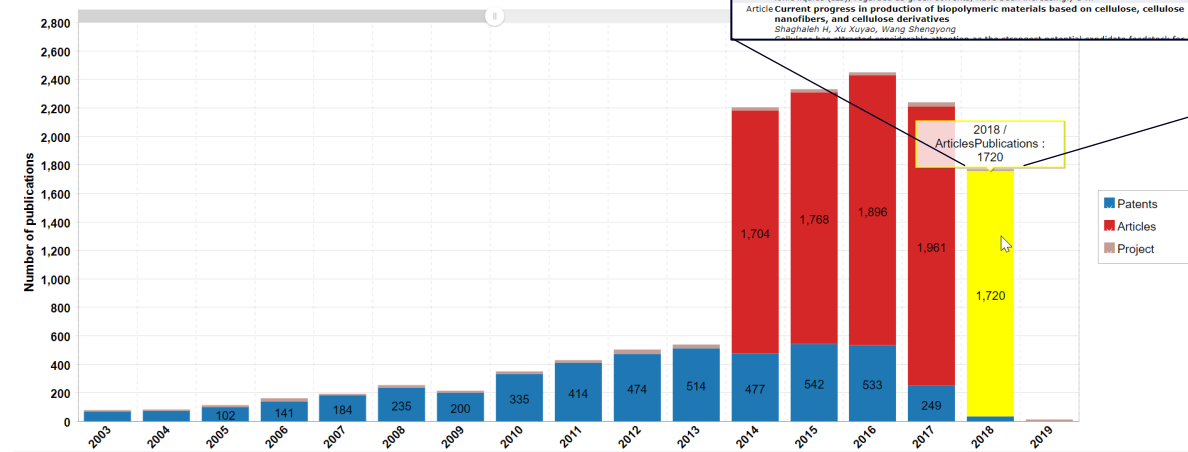
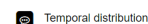
Analysis and visualization

- ✓ **Wide selection of graphics** perfectly adapted to each type of information and need
- ✓ **High flexibility** with the ability to choose your font size and type, your preferred colors as well as the graph type
- ✓ **Carry out various type of studies;**
Competitive analysis, state of the art, **technology/competitor watch**, Innovation search, collaboration analysis, key documents search

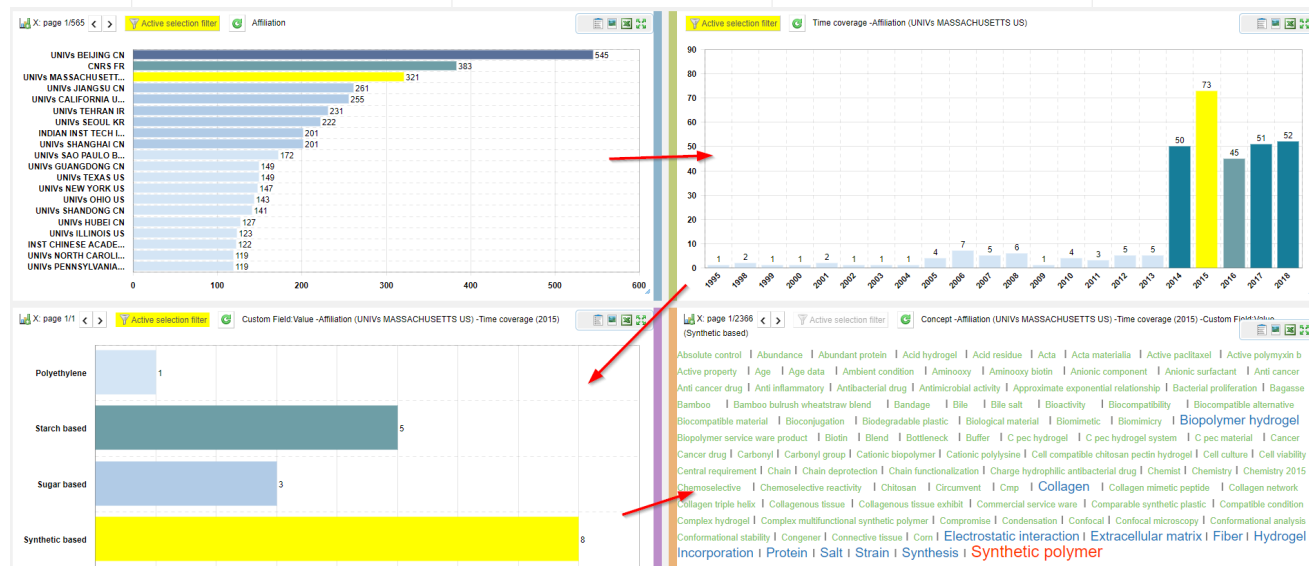


Easy collaboration and sharing

- ✓ **Collaborate** with your technical experts
- ✓ **Share** results through **dynamic reports** and **dashboard**



1720 Document(s) selected: 1720		Go to page 1		49/1	Page 1/6
Type	Title	Short Affiliations	Date	Representative patient	
Article	An adaptive and stable bio-electrolyte for rechargeable Zn-ion batteries Zhang Shenshan, Yu M, Zeng S, Zhou Shunming, Chen Mengzong, Li Q, Qi Y Sulfate solutions with high safety, low cost and wide electrochemical windows are widely used as electrolytes for aqueous batteries. However, the practical application of such batteries, especially for wearable devices, is still limited by the lack of a stable polymer electrolyte, due to the strong ability of the favorable selected sulfate electrolytes to precipitate polymers. Herein, we report a very stable sulfate-biopolymer bio-electrolyte prepared by readily mixing the xanthan bio-polymer	[UNIVS SHANGHAI CN], [INST CHINESE ACADEMY SCI]	2018		
Article	Encoding function into polypeptide-oligonucleotide precision biopolymers Wu B, Bolt F, Tokura Y, Wang tongcheng, Agrawalia B, Liu Yongchang, Wei T We report a novel synthesis strategy to create a polymer providing exact chain lengths, molecular weights and monomer sequences that allow post modifications by convenient DNA hybridization. This method is used to graft single strand DNA (ssDNA) onto a polymer backbone. The subsequent attachment of chromophores, proteins, cell-targeting peptides, and a γ -DNA linker. This approach resembles a LEGO-type incorporation of functionalities to create functional biopolymers of high...	[INST MAX PLANCK DE], [UNIVS SICHUAN CN], [UNIVS CHINA CN], [UNIVS ULM DE]	2018		
Article	Liquids for the preparation of biopolymer materials for drug-penc delivery: A review Chen J, Xie F, Li Xushan, Chen L Biopolymers are particularly suitable for drug applications due to their biocompatibility, biodegradability, and low immunogenicity. There has been growing interest in polymer biopolymers to achieve the controlled release of therapeutics. However, the solubility and processability of biopolymers remain challenging due to their structural heterogeneity and dense networks of inter- and intramolecular interactions. Fortunately, liquids (LILs), regarded as green solvents, have been increasingly u...	[UNIVS WARWICK GB], [UNIVS COVENTRY GB], [UNIVS GUANGDONG CN], [UNIV QUEENSLAND AU]	2018		
Article	Current progress in production of biopolymeric materials based on cellulose, cellulose derivatives, and cellulose derivatives Shaghighi M, Ku Xuyao, Wang Shengyang	[UNIVS JIANGSU CN], [UNIVS JIANGSU CN], [UNIVS JIANGSU KEY LAB]	2018		



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