

Micro level investigation in phytochemistry

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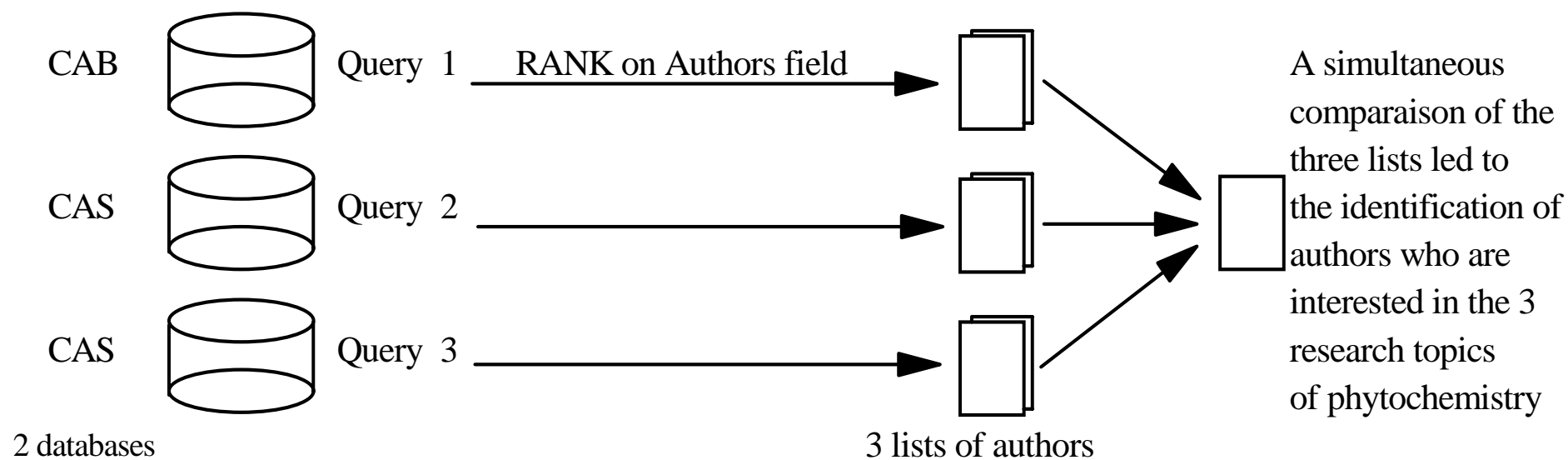
Pour faire des parfums

- **Agricultural production of the plants and varietal selection**
[(ESSENTIAL(W)OIL??) or RESINOIDS or FRAGRANCE??]
and [(PLANT(W)PRODUCTION??) or (VARIETAL(W)SELECTION??) or HARVESTING??]
- **Essential oils and balms production**
[(ESSENTIAL(W)OIL??) or RESINOIDS or FRAGRANCE??]
and [EXTRACTION?? or PURIFICATION?? or DISTILLATION??]
- **Products analysis**
[(ESSENTIAL(W)OIL??) or RESINOIDS or FRAGRANCE??]
and [ANALYSIS or CHROMATOGRAPHY or NMR]

Détermination des meilleures bases

- ((ESSENTIAL(W)OIL??)OR RESINOID?? OR FRAGRANCE??) AND
 - ((VARIETAL(W)SELECTION??) OR HARVESTING?? OR (PLANT(W) PRODUCTION??))
 - Ref. Items File
 - N1 303 10: AGRICOLA_1979-1995/Feb
 - [N2 301 50: CAB ABSTRACTS_1972-1995/Feb](#)
 - N3 221 203: AGRIS International_1974-1995/Jan
 - N4 76 648: Trade & Industry ASAP(TM)_1983-1995/Mar W1
 - N5 59 653: US Pat.Fulltext_1980-1989 ...
 - (EXTRACTION OR DISTILLATION OR PURIFICATION)
 - Ref. Items File
 - N1 1534 653: US Pat.Fulltext_1980-1989
 - N2 919 654: US Pat.Full._1990-1995/Mar 14
 - [N3 872 399: CA SEARCH\(R\)_1967-1995/UD=12212](#)
 - N4 855 652: US Patents Fulltext_1971-1979
 - N5 762 51: Food Sci.&Tech.Abs_1969-1995/Mar ...
 - (ANALYSIS OR CHROMATOGRAPHY OR NMR)
 - Ref. Items File
 - [N1 3281 399: CA SEARCH\(R\)_1967-1995/UD=12212](#)
 - N2 2154 545: Investext(R)_1982-1995/Mar 21
 - N3 1683 144: Pascal_1973-1994/Aug
 - N4 1676 5: BIOSIS PREVIEWS(R)_1969-1995/Mar W3
 - N5 1610 653: US Pat.Fulltext_1980-1989 ...

Synoptique



3 listes d 'auteurs

- Subject : Num. of authors
- agricultural production and varietal selection 646
- essential oils and balms production 2014
- products analysis 6506

agricultural production and varietal selection			oils and balms production			products analysis		
No.	Ranked	Term	No.	Ranked	Term	No.	Ranked	Term
---	-----	----	---	-----	----	---	-----	----
1	12	PALEVITCH, D.	1	15	SHLYAPNIKOV, V. A.	1	26	SUZUKI, SUKEJI
2	10	PUTIEVSKY, E.	2	12	GEORGIEV, E.	2	22	MOSANDL, ARMIN
3	10	SIMON, J. E.	3	8	SHLYAPNIKOVA, A. P.	3	21	KIJIMA, KEIJI
4	8	MATHE, A.	4	7	BALINOVA-TSVETKOVA, A.	4	21	SHCHEDRINA, M. M.
5	7	GORINI, F.	5	7	PERINEAU, FRANCIS	5	20	GAGLIARDI, L.
6	5	BORDOLOI, D. N.	6	6	DELMAS, MICHEL	6	20	MASLOWSKA, JOANNA
...	
646	1	ZWANEPOL, S.	2014	1	ZVYAGINTSEV, A. YA.	6506	1	ZWETKOV, R.

Une normalisation s'impose !!!

No.	Ranked	Term	
---	-----	----	
1	26	SUZUKI, SUKEJI	<i>one complete first name</i>
2	22	MOSANDL, ARMIN C.	<i>one complete first name followed with the first letter of the second first name</i>
...			
4	21	SHCHEDRINA, M. M.	<i>first letter of two first names</i>
5	20	GAGLIARDI, L.	<i>first letter of one first name</i>

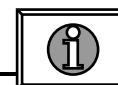
The transformation consists in keeping the first letter of the first name

26 SUZUKI, S.
 22 MOSANDL, A
 21 KIJIMA, K
 21 SHCHEDRINA, M
 20 GAGLIARDI, L
 ...

Subject :	Num. of downloaded names	Num. of reformatted items
agricultural production and varietal selection	646	637
essential oils and balms production	2014	1880
products analysis	6506	5665

Les auteurs communs

Name	Presence in list 1	Presence in list 2	Presence in list 3
~~~~~	~~~~~	~~~~~	~~~~~
AGARWAL, S	1	1	1
ATAL, C	1	1	1
BALINOVA-TSVETKOVA, A	1	1	1
BHATTACHARYYA, S	1	1	1
BICCHI, C	1	1	1
CHANG, L	1	1	1
COLLIN, G	1	1	1
COTRONEO, A	1	1	1
DUGO, G	1	1	1
FLEISHER, A	1	1	1
HANOVER, J	1	1	1
HETHELYI, I	1	1	1
...	...	...	...
ADZET, T	1	0	1
...	...	...	...
BHATTACHARYA, A	1	1	0
...	...	...	...
AIT IGRI, M	0	1	1
...	...	...	...
ABBOTT, P	1	0	0
...	...	...	...
Total num. of names/list	637	1880	5665
Total num. of names in all lists : 7425			



**AUTHOR : BALINOVA-TSVETKOVA A**

**Affiliation Laboratory:**

**Institut za Zashchita na Rastenyata, Kostinbrod, Bulgaria.**

**Worked in collaboration with the following laboratories :**

Aromat. Med. Cult.;Inst. Oil-Bear. Roses;Kazanlik;Bulg.  
Central Experimental Station of Selection and Cultivar Maintenance of Diagn.;Plov  
Department of Toxicology, Plant Protection Institute;2230;Kostinbrod;  
Higher Inst. Food Ind.;4000;Plovdiv;Bulg.  
Inst. Oil-Bear. Rose, Ethereal Oil Plants Med. Plants;Kazanluk;Bulg.  
Inst. Plant Prot.;Sofia;Bulg.  
Institut po Maslodainata Roza, Kazanluk, Bulgaria.  
Institute of Plant Protection;2230; Kostinbrod, Bulgaria.  
Opitna Stantsiya po Yagodoplodni Kulturi, Kostinbrod, Bulgaria.  
Tsentralna Opitna Stantsiya po Sortopodd"rzhane i Diagnostika  
Vissh Inst. Khranit. Vkusova Prom.;Plovdiv;Bulg.

**Publication Years:**

1972 to 1992

**Used Keywords : (freq > 2)**

analysis  
application  
benomyl  
chemicals  
composition  
crops  
damage  
dill  
essential oils  
fennel  
herbicides  
Lenacil  
vegetables  
chlor  
tribuzin  
plant residues  
residues  
simazine  
small fruits  
soil  
strawberries  
Tomatoes  
usage  
weed control

**CAS sections:**

CA011XXX_Plant Biochemistry  
CA062002_Essential Oils and Cosmetics  
CA205001_Agrochemical Bioregulators  
CA219XXX_Fertilizers, Soils, and ...

**Papers and congresses :**

Cpt. Rendus de l'Acad. Bulg. des Sci.  
Dokl. Bolg. Akad. Nauk Bulg.  
Dokl. S-kh. Akad., Sofia  
Flavour Fragrance J.  
Fresenius. J. Anal. Chem  
Gradinarska i Lozarska Nauka  
Int. Congr. Essent. Oils, (Pap.)  
J. Chromatogr.  
Khimiya i Industriya Pesticides Abstracts  
Khimiya v Sel'skom Khozyaistve  
Ovoshcharstvo  
Pochvoznanie, Agrokhimiya i Rastitelna Zashchita  
Rasteniev'dni Nauki  
Rastenievud. Nauki  
Riv. Ital. EPPOS  
Weed Res.

