



James Wright's
VitiSynth[®]
Global intel

Website User Experience

Website User Experience

ADVANCED INTERACTION SEARCH:

All entries in the VitiSynth database are indexed using the VitiSynth Wine LoT © (List of Things). Use this search to find precise results

Select "things" out of the Wine LoT © using the dropdown menus. Add further items by clicking "ADD ROW" then "SUBMIT" to see matching entries

SEARCH:

The Wine LoT © to find lists of things, definitions, synonyms and facts

LATEST RESEARCH:

The most recently added research abstracts

The screenshot displays the VitiSynth website interface. At the top, there's a navigation bar with links: ABSTRACTS, SYNTHS, WINE LOT, CORRELATE, SUBSCRIBE, and LOGIN. Below this is a large banner image of a vineyard. The main content area is divided into several sections:

- ADVANCED INTERACTION SEARCH:** This section includes a search bar with a "Go!" button. Below the search bar, there are radio buttons for "Interactions", "Entries", and "Search across full Entry". There are three dropdown menus labeled "Primary Group", "Factor Group", and "Specific Factor (select level of specificity)". To the right of these dropdowns are buttons for "+ ADD ROW" and "Submit".
- FACTOR SEARCH:** This section has radio buttons for "By preferred term only", "All", "Dictionary", "Thesaurus & Translations", and "Fact Finder". It includes a search input field and a "Submit" button.
- Latest Research Reviews:** This section displays two research entries. Each entry includes a date, publication information, author, and a reference. A "Read more" button is provided for each entry.
- Latest Synths:** This section displays two synth entries. Each entry includes a date, a title, and a "Read more" button.
- AMORIM CORK:** This section features an advertisement for Amorim Cork, showing two cork stoppers and the text "Our bio Neutrocork® cork stoppers have the greatest value."
- Latest Must Reads:** This section displays a "Top 10" list of must-read articles, with a "Read more" button.

TEXT SEARCH:

Searches through all entry text i.e. Research Abstracts, VitiSynth reports- "Synths"

LATEST SYNTHS:

Latest editions of VitiSynthesis, VitiSynth Correlate © Graphics and other VitiSynth content

LATEST MUST READS:

James' "Must read" recommendations from the latest research

Website User Experience

View the latest entries, “Must reads” and “Most viewed” in the VitiSynth database...

Click on the button to
view the research
paper abstract

The most recent
edition of VitiSynthesis
is available under
“Latest Synths”...

Latest Research Reviews

Date: 18th December 2021
Publication: South African Journal of Botany
Author: Elsayed M I 2022

Reference: Efficacy of essential oils against gray mold and effect on fruit quality during cold storage in table grapes

[Read more](#)

Date: 18th December 2021
Publication: Food and Bioproducts Processing
Author: Ricci A 2021

Reference: Microencapsulation of polyphenolic compounds recovered from red wine lees-process optimization and nutraceutical study

[Read more](#)

Latest Synths

Date: 20th December 2021

VitiSynthesis:2021:December:Week:2

[Read more](#)

Date: 18th December 2021

VitiSynth Correlate:2021:December:Methyl jasmonate application

[Read more](#)

...as is the latest
VitiSynth Correlate ©
content

Latest Must Reads



A selection of the best new research papers

Date: 5th December 2021
Reference: Conference proceedings:Macrowine 2021:2021:23-30 June 2021:W..

Date: 26th November 2021
[Reference:Journal:Scientific Reports:2021:Online November 2021:VanderW..](#)

Most Viewed Reviews



A selection of the most read research paper reviews from 2021.

Date: 7th January 2021
Reference:Journal:Horticulturae:2021:7-1-4:Yilmaz T 2021:Freezing Tole..

Date: 12th January 2021
Reference:Journal:Journal of Field Robotics:2021:Online January 2021:M..

Website User Experience

Entries...

Links to the research publisher's website, including where available the permanent link i.e. DOI / Handle

Click here to view the indexing tables for the entry

[Vitisynth Full Entry](#) > [Reference:Conference proceedings:Macrowine 2021:2021:23-30 June 2021:Weber M 2021:European consum...](#)

VitiSynth Full Entry

Reference: European consumer preference for wines made from fungus resistant grape varieties

Key Statements

Abstract-


Fungus resistant grape varieties (FRGV or PIWI) offer many benefits such as less pesticide use or premium prices for enhanced sustainability. Still, winemakers are concerned about inferior wine quality. This study evaluates how European wine consumers assess wines made from new FRGVs in comparison to traditional *V. vinifera* varieties. Most of them were grown in the same vineyard. Four white (Calardis Blanc, Muscaris, Sauvignac, Cabernet Blanc) und three red (Satin Noir, Cabernet Cortis, Laurot) FRGV were compared to Riesling, Sauvignon blanc, Muskateller, Cab. Sauvignon and Merlot. For each FRGV, different styles were vinified using standardized protocols. The 28 most representative wines were selected, including the *V. vinifera* equivalents. 72 wine experts assessed their overall quality and the wines were mailed in 30 ml bottles to 118 German, 32 Danish and 27 French consumers, including a standardised wine glass. In a "home use test" consumers evaluated hedonic liking in 6 sessions. All wines were characterized by descriptive analysis using a trained panel (n=19 judges x 2 replications). All FRGV wines performed equally well as the *V. vinifera* wines. One consumer segment preferred yellow fruit and oaked white wines, which was linked to 12 h of skin contact. Consumers from all countries favoured tropical fruit aromas along with a sweetness (4-6 g/L sugar). Sauvignac and Cabernet Blanc wines from early harvest were rejected by consumers from all countries due to a vegetative flavour and sourness. Consumer varied more regarding red wines. A large consumer segment preferred the fruity and less tannic thermo-vinified wines, especially of Satin Noir. In contrast, harsh and bitter tannins of Cabernet Cortis were refused. A second segment preferred dark coloured red wines, such as Laurot and Satin Noir. Particularly the Laurot wines had similar sensory profiles and hedonic ratings as Merlot, indicating a good FRGV substitute. Bleeding and use of oak increased consumer acceptance, especially in France. Rosé wines of all red cultivars were equally preferred by all consumers. Due to equal preferences for FRGV and *V. vinifera* wines by consumers and experts, concerns regarding wine quality can be dismissed. FRGVs may be offered as more sustainable sensory "copies" of *V. vinifera* wines or in a completely different style using low intervention winemaking.

(highlighting by VitiSynth)

Link to paper-

<https://ives-openscience.eu/8457/>

Partially indexed reference.

Click to View:
Interactions 

VitiSynth Review

 **International Viticulture & Enology Society**

If the paper is a recommended read the recommendation is displayed here

Start a conversation regarding the specific entry

Website User Experience

Text search from the homepage...

Enter your search term
and click "Go!"

ADVANCED INTERACTION SEARCH

Shiraz Go!

Search for Specific Interaction & Display: ☐ Interactions ☐ Entries | ☒ Search across full Entry

Your search term is
displayed here

If a read
recommendation has
been set it will be
displayed here

Search result count is
displayed here

Click on a button to
view an entry you are
interested in

Vitisynth Search Results for: Shiraz

Go Back

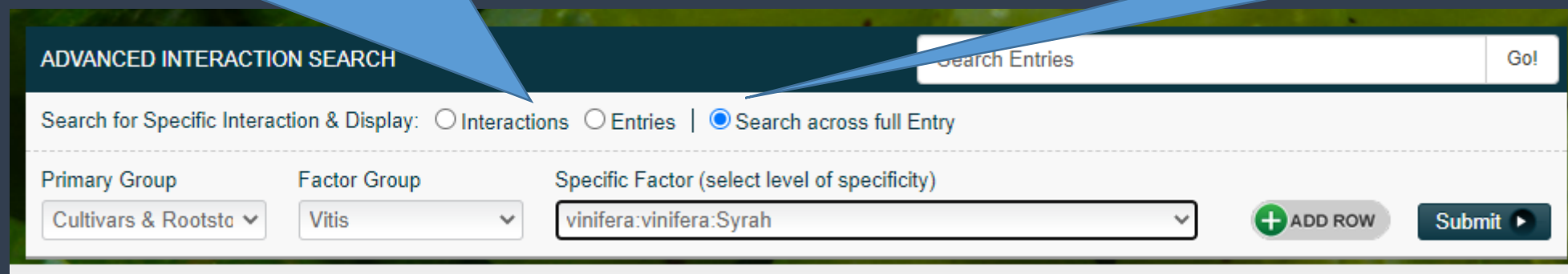
Title	Recom.	263 Results Found.
Vine Synth:Bud (compound):Primary bud:Viability:Primary bud necrosis:Effect of:Vine:Wood:Carbohydrates		Read Synth ▶
Reference:Journal:AJGWR:Organic and inorganic anions in Shiraz and Chardonnay grape berries and wine as affected by rootstock under saline conditions.		Read Review ▶
Review:Journal:AJGWR:Potassium concentration and pH inter-relationships in grape juice and wine of Chardonnay and Shiraz from a range of rootstocks in different environments	Must Read	Read Review ▶
Review:Journal:AJGWR:Elevated temperature decouples anthocyanins and sugars in berries of Shiraz and Cabernet Franc		Read Review ▶
Reference:Journal:AJGWR:The effect of bunch shading on berry development and flavonoid accumulation in Shiraz grapes		Read Review ▶

Website User Experience

For a more accurate search result, that also accounts for synonyms, use the Advanced Interaction Search...a search for “Syrah” (as the preferred term) will also include entries indexed to the more “specific” search term “Shiraz” (as a synonym)...

Alternatively to the default search option you can search for a match within one specific indexing table i.e. the search terms definitely interact (and are not just simply indexed in the entry as a whole). You can then choose to display the Indexing table- select “Interactions” or display the matching entries- select “Entries” for the matching results

The default search option is “Search across full Entry”, which means the search query looks across all indexing tables attached to an entry to find matches



The screenshot shows the 'ADVANCED INTERACTION SEARCH' interface. It features a search bar with the text 'Search Entries' and a 'Go!' button. Below the search bar, there are three radio buttons for 'Search for Specific Interaction & Display': 'Interactions', 'Entries', and 'Search across full Entry' (which is selected). Underneath, there are three dropdown menus: 'Primary Group' (set to 'Cultivars & Rootsto'), 'Factor Group' (set to 'Vitis'), and 'Specific Factor (select level of specificity)' (set to 'vinifera:vinifera:Syrah'). To the right of these dropdowns are two buttons: '+ ADD ROW' and 'Submit'.

Vitisynth Search Results

[Go Back](#)

Title

Recom.

231 Results Found.

Reference:Journal:AJGWR:Organic and inorganic anions in Shiraz and Chardonnay grape berries and wine as affected by rootstock under saline conditions.

[Read Review](#)

Review:Journal:AJGWR:Potassium concentration and pH inter-relationships in grape juice and wine of Chardonnay and Shiraz from a range of rootstocks in different environments

Must Read

[Read Review](#)

Review:Journal:AJGWR:Elevated temperature decouples anthocyanins and sugars in berries of Shiraz and Cabernet Franc

[Read Review](#)

Website User Experience

Here are the search results for the more specific search where the term “Shiraz” is used by the author/s...

ADVANCED INTERACTION SEARCH

Search Entries Go!

Search for Specific Interaction & Display: ☐ Interactions ☐ Entries | ☒ Search across full Entry

Primary Group
Cultivars & Rootstocks

Factor Group
Vitis

Specific Factor (select level of specificity)
vinifera:vinifera:Syrah:!:02:Synonyms:Shiraz

+ ADD ROW

Submit

Vitisynth Search Results

[Go Back](#)

Title	Recom.	109 Results Found.
Reference:Journal:AJGWR:Organic and inorganic anions in Shiraz and Chardonnay grape berries and wine as affected by rootstock under saline conditions.		Read Review
Organisation Synth:Princeton Wine Estate		Read Synth
Reference:Journal:International Journal of Biometeorology:2013:September 2013:Barnuud N N 2013:Responses of grape berry anthocyanin and titratable acidity to the projected climate change across the Western Australian wine regions		Read Review
Reference:Journal:AJEV:2013:64-4 p527-531:Bottcher C 2013:Increase in Cytokinin Levels during Ripening in Developing Vitis vinifera cv. Shiraz Berries		Read Review
Reference:Journal:Agricultural Water Management:2014:138 p1-9:Fuentes S 2014:Night-time responses to water supply in grapevines (Vitis vinifera L.) under deficit irrigation and partial root-zone drying	Brain food	Read Review

Website User Experience

And a search involving two search terms i.e. the interaction between “Syrah” and “Temperature”...

ADVANCED INTERACTION SEARCH

Search Entries

Go!

Search for Specific Interaction & Display: ☐ Interactions ☐ Entries | ☒ Search across full Entry

Primary Group

Cultivars & Rootstocks

Factor Group

Vitis

Specific Factor (select level of specificity)

vinifera:vinifera:Syrah:!:02:Synonyms:Shiraz

Primary Group

Environment

Factor Group

Climate

Specific Factor (select level of specificity)

Temperature (°C)

+ ADD ROW

Submit

Vitisynth Search Results

[Go Back](#)

Title

Recom.

16 Results Found.

Reference:Journal:International Journal of Biometeorology:2013:September 2013:Barnuud N N
2013:Responses of grape berry anthocyanin and titratable acidity to the projected climate change across
the Western Australian wine regions

[Read Review](#)

Reference:Journal:Phytopathology:2007:97-10 p1284-1289:Sosnowski M R 2007:The Influence of Climate
on Foliar Symptoms of Eutypa Dieback in Grapevines

[Read Review](#)

Reference:Webinars:The Australian Wine Research Institute:2013:2013:Tyerman S 2013:Till death do us
part- Cell death in the grape berry as a quality measure

[Read Review](#)

Reference:Webinars:The Australian Wine Research Institute:2013:2013:Petrie P 2013:Delayed pruning of
grapevines- A tool to manage the effects of climate change on fruit quality and harvest compression

[Read Review](#)

Reference:Journal:JAFC:2015:Online April 2015:Zhang P 2015:Within-Vineyard, Within-Vine, and Within-
Bunch Variability of the Rotundone Concentration in Berries of Vitis vinifera L. cv. Shiraz

[Read Review](#)

Website User Experience

Explore the VitiSynth Wine LoT © to find terms you can use in searches...

FACTOR SEARCH

☒ By preferred term only ☐ All ☐ Dictionary ☐ Thesaurus & Translations ☐ Fact Finder

Enter your search term:

Disorders:Syrah disease
Vitis:vinifera:vinifera:Syrah
Vitis:vinifera:vinifera:Syrah:Clones
Vitis:vinifera:vinifera:Syrah:Clones:AC72-8189
Vitis:vinifera:vinifera:Syrah:Clones:BVOVS10

The default search option is by “Preferred term only” i.e. all synonyms are excluded

FACTOR SEARCH

☒ By preferred term only ☐ All ☐ Dictionary ☐ Thesaurus & Translations ☐ Fact Finder

Enter your search term:

Vitis:vinifera:vinifera:Sarkesh Shiraz
Vitis:vinifera:vinifera:Shirazi
Vitis:vinifera:vinifera:Yaghooti-Syah Shiraz?

When searching using the default option a synonym will not be found i.e. “Shiraz” is not found

FACTOR SEARCH

☐ By preferred term only ☒ All ☐ Dictionary ☐ Thesaurus & Translations ☐ Fact Finder

Enter your search term:

Disorders:Syrah disease:!:02:Synonyms:Shiraz decline
Disorders:Syrah disease:!:02:Synonyms:Shiraz disease
Vitis:vinifera:vinifera:Askari:!:02:Synonyms:Askari Sirk Shiraz
Vitis:vinifera:vinifera:Sarkesh Shiraz
Vitis:vinifera:vinifera:Shirazi
Vitis:vinifera:vinifera:Syrah:!:02:Synonyms:Shiraz

To increase the chance of finding the term you are looking for select “All” and then you will see all Wine Lot © “things” containing your search term, including the preferred term “Syrah”, definitions, synonyms, facts and correlations in VitiSynth Correlate ©.

Website User Experience

Create a list of “things” you are interested in...

FACTOR SEARCH

☒ By preferred term only ☐ All | ☐ Dictionary | ☐ Thesaurus & Translations | ☐ Fact Finder

Enter your search term:

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C10

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C10:Ethyl octanoate

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C10:Ethyl octanoate:Concentration (µg/L)

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C10:Ethyl octanoate:Odour activity value

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C12

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C12:Ethyl decanoate

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C12:Ethyl decanoate:Concentration (µg/L)

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C20:Ethyl linoleate

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C6:Ethyl butanoate

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C6:Ethyl butanoate:Concentration (µg/L)

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C6:Ethyl butanoate:Odour activity value

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C8

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C8:2,4-Hexadienoic acid ethyl ester

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C8:2,4-Hexadienoic acid ethyl ester:Concentration (µg/L)

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C8:Ethyl hexanoate

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C8:Ethyl hexanoate:Concentration (µg/L)

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C8:Ethyl hexanoate:Odour activity value

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:Concentration (µg/L)

Wine:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters

Wine:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:Branched chain fatty acid ethyl esters

Wine:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C10:Ethyl octanoate

Wine:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C10:Ethyl octanoate:Concentration (µg/L)

Wine:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C10:Ethyl octanoate:Odour activity value

Wine:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C11

Wine:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:C11:Ethyl nonanoate

FACTOR SEARCH

☒ By preferred term only ☐ All | ☐ Dictionary | ☐ Thesaurus & Translations | ☐ Fact Finder

Enter your search term:

Vineyard:Canopy management

Vineyard:Canopy management:Artificial shading:Shade cloth

Vineyard:Canopy management:Artificial shading:Shade cloth:Black shade cloth

Vineyard:Canopy management:Artificial shading:Shade cloth:Blue shade cloth

Vineyard:Canopy management:Artificial shading:Shade cloth:Green shade cloth

Vineyard:Canopy management:Flower debris removal

Vineyard:Canopy management:Flower debris removal:Brushing

Vineyard:Canopy management:Foliage wire movement

Vineyard:Canopy management:Foliage wire movement:By hand

Vineyard:Canopy management:Foliage wire movement:Mechanical

Vineyard:Canopy management:Operations

Vineyard:Canopy management:Operations:Bunch thinning

Vineyard:Canopy management:Operations:Bunch thinning:Method

Vineyard:Canopy management:Operations:Bunch thinning:Method:Hand

Vineyard:Canopy management:Operations:Bunch thinning:Method:Mechanical

Vineyard:Canopy management:Operations:Bunch thinning:Selection criteria

Vineyard:Canopy management:Operations:Bunch thinning:Selection criteria:Diseased bunches only

Vineyard:Canopy management:Operations:Bunch thinning:Selection criteria:Percentage of total (%)

Vineyard:Canopy management:Operations:Inflorescence thinning

Vineyard:Canopy management:Operations:Inflorescence thinning:Method

Vineyard:Canopy management:Operations:Inflorescence thinning:Method:Hand

Vineyard:Canopy management:Operations:Inflorescence thinning:Selection criteria

Vineyard:Canopy management:Operations:Inflorescence thinning:Selection criteria:Percentage of total (%)

Vineyard:Canopy management:Operations:Inflorescence trimming

Vineyard:Canopy management:Operations:Inflorescence trimming:Inflorescence tip removal

Vineyard:Canopy management:Operations:Leaf thinning

Website User Experience

Find definitions...

FACTOR SEARCH

☐ By preferred term only ☐ All | ☒ Dictionary | ☐ Thesaurus & Translations | ☐ Fact Finder

Enter your search term:

Wine:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:!:01:Definition:Ethyl esters of straight-chain fatty acids

Find synonyms and translations...

FACTOR SEARCH

☐ By preferred term only ☐ All | ☐ Dictionary | ☒ Thesaurus & Translations | ☐ Fact Finder

Enter your search term:

Berry:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:!:02:Synonyms:FAEEs
Wine:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:!:02:Codes:Colour codes:VitiSynth Colour Code:RGB 97 224 193, HEX 61e0c1, CMYK 53 0 36 0, CIELAB 81.47 -42.49 4.07, XYZ 0.4155 0.5933 0.4549
Wine:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:!:02:Synonyms:EEFAs
Wine:Aroma compounds:Volatile:Esters:Fatty acid ethyl esters:!:02:Synonyms:Ethyl caprate

Find facts...

FACTOR SEARCH

☐ By preferred term only ☐ All | ☐ Dictionary | ☐ Thesaurus & Translations | ☒ Fact Finder

Enter your search term:

Wine:Aroma compounds:Volatile:Esters:!:04:Correlations:CorrValue=2:Wine:Sensory:Aroma:Fruit:Tropical:N=1:Iobbi A 2021
Wine:Aroma compounds:Volatile:Esters:Cinnamate esters:!:04:Correlations:CorrValue=2:Wine:Sensory:Aroma:Vegetal:Fresh:Stalky:N=1:Pearson W 2021
Wine:Aroma compounds:Volatile:Esters:Cinnamate esters:!:04:Correlations:CorrValue=2:Wine:Wine:Sensory:Aroma:Vegetal:Canned cooked:N=1:Pearson W 2021