

AJEV & Catalyst

Key Words

A

abscisic acid
abscission
acetic acid bacteria
activated carbon
Agrobacterium vitis
airborne fungi
Albariño
alcohol
amino acid
ampelography
analysis
anion exchange resins
anthocyanin
anthocyanin biosynthesis
anthracnose
antimicrobial peptide
arabinogalactan-protein
aroma
ascorbic acid
atypical aging
authentication

B

β-damascenone
β-galactosidase
β-glucosidase
Bacillus. sp.
bacterial endophytes
balanced pruning
Barbera
barrel-aged
bentonite
benzothiadiazole
berry antioxidant capacity
berry composition
berry dehydration
berry density
berry development
berry exposure
berry firmness
berry maturation
berry maturity
berry quality
berry seed
berry size
berry temperature
berry weight
biocapsule immobilization
biodiversity

black-foot disease
Blanc Du Bois
blended wine
Botrytis cinerea
bottle closure
Brettanomyces
bud dormancy
bud fruitfulness
bunch rot
bush fire

C

Cabernet franc
Cabernet Sauvignon
canonical variate analysis
canopy
canopy management
carbohydrate reserve
carbohydrates
carbon isotope ratio
carbon storage
Carignan
carotenoids
catechol
cation exchange resins
Cayetana blanca
Cesanese
cesium
Champagne
changes in seeds during ripening
chaptalization
Chardonnay
chemical composition
China
chloride exclusion
chloroplast
chlorosis
chromatography
clay
climate
climate change
closure
cluster exposure
cluster morphology
cluster shading
cluster structure
cluster thinning
CO₂
cofermentation
cold hardiness
cold soak
color
color stability
color stabilization

community profiling
composition
Concord
consumer acceptance
consumer behavior
consumer characterization
consumer sensory preferences
cool climate
copper formulation
copper treatment
cordon wire tension
cork
cork taint
Corot noir
cover crop
crop coefficient
crop level
crop price
crop removal
cross-flow
cross-flow filtration
crown gall
cultivar biomarker
cultivar identification
cumulative model
Cylindrocarpon
Cynthiana
cytokinin

D

dagger nematode
Daktulosphaira vitifoliae
dealcoholized wine
deficit irrigation
degree day
descriptive analysis
disease resistance
dissolved oxygen
distillation
diurnal temperature
diversity
DNA
DNA extraction
Dolcetto
dormancy release
downy mildew
drip irrigation

E

economic sustainability
egg white
electrodialysis
electronic nose
elemental composition

elemental sulfur
Elsinoë ampelina
Empoasca fabae
epicuticular wax
Erysiphe necator

ester
estimation
ethanol
ethanol removal
ethyl carbamate
ethylphenol
Eutypa
evapotranspiration
exchange resin
extended maceration
extraction

F

Fenton reaction
fermentation dynamics
fermentation temperature
fertilization
fertilizer recovery efficiency
field evaluation
filtration
fining
fining agent
flavonoid
flavonol
flavor
flesh firmness
floor management
foliar application
foliar urea
forced oxidation
forchlorfenuron
forchlorfenuron metabolic profile
free sulfur dioxide measurement
freeze
freeze stress
freeze tolerance
Frontenac
fructose
fruit composition
fruit uniformity
fungal inhibition
fungal susceptibility
fungi

G

Galician cultivars
gas
gas chromatography
gas detection

gas exchange
gelatin
genetic diversity
genetic identification
genetic origin
genetic structure
genetic variability
genotype
geographic origin
germplasm analysis
Gewürztraminer
gibberellic acid
girdling
glass shape
global positioning systems
glutathione
glycerol
Graciano

grape berry abscission
grape composition
grape cultivar
grape dehydration
grape growth
grape marc
grape production
grape ripeness
grape ripening
grape seed
grape stem
grape yield
grapevine
grapevine breeding
grapevine cultivar
grapevine germplasm analysis
grapevine leafroll disease
grapevine nutrition
Graphocephala atropunctata
green aroma compound
Grk cultivars
guaiacol

H

haloanisole
Hanseniaspora vineae
harvest date
harvest time cold acclimation
headspace oxygen
health
heat shock
heterogeneity
hexose
high-pressure homogenization
high-pressure hot water
host suitability

humid environment
hydrogen sulfide
hydrostatic pressure
hydroxycinnamic acid
hyperosmotic stress

I

icewine
identification
impact of salt
in-line measurement
ion exchange resin
iron
irrigation
irrigation crop load
irrigation scheduling
irrigation trial
isinglass

J

juice
juice blend

K

Koshu

L

laccase
lactic acid
lactic acid bacteria
land use
leaf area
leaf area index
leaf area to fruit ratio
leaf blade
leaf disc
leaf hopper
leaf morphology
leaf position
leaf removal
leafroll disease
leafroll virus
lees
loam
Loureira

M

maceration extended
malic acid
malolactic fermentation
Malvasia
mannoprotein
mass spectrometry
matrix effects

mechanical winter pruning
mechanization
mercaptans
3-mercaptopropan-1-ol
Merlot
Mesocriconema xenoplax
metal chelation
methoxy-pyrazine
methoxy-pyrazine biosynthesis
methyl bromide
methyl jasmonate
microbial populations
microclimate
microclimatic indices
microoxygenation
microsatellite
microsatellite genotyping
microwave
microwave maceration
Monastrell
monoterpenes
mulching material
Muscadina
mycorrhizal communities
mycorrhizal fungi

N
N fertilization
N fertilizer
N fertilizer recovery
N, P, K supply
Nanofiltration
nano-oxygenation
narrow-band spectral reflectance
natural cork stoppers
near-infrared spectroscopy
Nebbiolo
nematode
Nero d'Avola
NIR
NIR-AOTF spectroscopy
nitrogen
nitrogen fertilization
nitrogen status fermentation
nitrogen supplementation
noninvasive identification
non-*Saccharomyces* yeast
nonvolatile compound
nonvolatile flavor compound
norisoprenoid
normalized difference vegetation index (NDVI)
Norton
nutrient

nutrient status
nutritional diagnosis

O
O₂
oak
oak barrel
oak chips
odor impact compound
odor-active compound
Oenococcus oeni
oenotannin
off-flavor removal
olfactory perception
oligosaccharide
origin
oxidation
oxygen
oxygen consumption rate
oxygen ingress rate
oxygen uptake

P
particle film
Passito
patulin
PCR detection
Pectinase
Pedro Jimenez
Penicillium
peptide
performance
persistence
petiole composition
petiole electrical potential
pH white wine
Phaeoacremonium
phenol
phenolic acid
phenolics ripening
phenology
2-phenylethyl acetate
photoperiod regime
phylloxera
physiology
phytic acid
Pichia (Wickerhamomyces)
Pierce's disease
Pinot gris
Pinot noir
plant growth regulators
Plasmopara viticola
pollination dynamics
polymeric pigment

polyphenol
polyphenol autooxidation
polyphenoloxidase
polysaccharide
Popillia japonica
population dynamics
postharvest dehydration
potato leafhopper
powdery mildew
practices
preference
primary bud necrosis
Primitivo
proanthocyanidins
propagation
protein
protein fining
protein stabilization
pruning
pulsed electric field treatment

R
raffinose
raisin
reactive oxygen species
red wine
red wine color
reductive pressing
regulated deficit irrigation
reproductive performance
residual
resistance allele
resveratrol
rhamnolipid
Riesling
ring nematode
Rioja
ripeness estimation
ripening
root
rootstock
rootstock breeding
rootstock effect
rootstock resistance
Rugose wood complex

S
Saccharomyces cerevisiae
salinity
salinity detection threshold
sampling protocols
sand
Sangiovese
sanitation

Sauvignon blanc
SELDI-TOF-MS
Semillon
semi-minimal-pruned hedge
senescence
sensory
sensory discrimination
sensory threshold
sequential mixed fermentation
sharpshooter
sharpshooter spread
shipping
Shiraz
shoot and cluster thinning
shoot positioning
shoot thinning
shoot thinning harvest date
shoot trimming
size uniformity
smoke exposure
SNP analysis
sodium chloride
soil
soil salinity
sparkling wine
spatial analysis
spatial distribution
spectroscopy
spontaneous fermentation
spray coverage
stabilization
stave
stilbene
storage
submerged cap vinification
3-sulfanyl-1-hexanol
sulfite
sulfur
sulfur compounds
sulfur dioxide
sulfur off-odor
sulfur residue persistence
sunlight exclusion
sunlight exposure
sunlight penetration
supertaster
surface area
Syrah

T

table grape
table grape flesh firmness
table grape metabolic profile
Tannat

tannin
tannin evolution
Teinturier cultivar
Tempranillo
texture
thermal treatment
thermovinification
thinning
thiol precursors
thiols
Thompson Seedless
tillage
tissue analysis
tissue carbohydrates
toast level
trace element
training systems
Traminette
transpiration
trellising system
trichloroanazole (TCA)
trunk diameter
trunk disease

U

ultrasonics
uniformity of ripeness
urea
Uva Longanesi

V

vacuole
varietal
vegetative growth
Vidal
vine identity
vine nutrient status
vine water status
vine-to-vine variance
vineyard efficiency
vineyard management
vineyard microclimate
Viognier
virus
virus disease elimination
vis/NIR
viticultural impact
viticultural practice
Vitis
Vitis aestivalis
Vitis californica
Vitis genotypes
Vitis vinifera
volatile composition

volatile compounds
volatile thiols
VSP

W

waste recovery
water deficit
water footprint
water movement
water potential
water status mapping
water status
water stress
water use
white wine
whole canopy
wine
wine aging
wine aroma
wine bottle
wine classification
wine composition
wine expertise
wine fining
wine oxidation
wine pigments
wine salinity
wine stabilization
wine taste
wine volatile compounds
winery
winery fungi

X

Xiphinema
Xiphinema index
Xylella fastidiosa

Y

yeast
yeast assimilable nitrogen (YAN)
yeast ecology
yeast immobilization
yeast inactivation
yeast lees
yeast metabolism
yeast strain
yield
yield estimation
yield prediction
yield, grapevine

Z

zirconium dioxide