

LISTA LUCRĂRILOR ȘTIINȚIFICE PUBLICATE

I. Lucrări ISI

1. **DIANA DUMITRIU, RAFAEL A. PEINADO, JOSÉ PEINADO, NIEVES LÓPEZ DE LERMA**, 2015 - *Grape pomace extract improve the in vitro and in vivo antioxidant properties of wines from sun light dried Pedro Ximénez grapes*. Journal of Functional Foods, Vol. 17, p. 380-387, Impact Factor 4,480.

II. Lucrări BDI

1. **GEORGIANA-DIANA DUMITRIU, VALERIU V. COTEA, RAFAEL AMORES PEINADO, NIEVES LOPEZ DE LERMA, CĂTĂLIN ZAMFIR, MARIUS NICULAU, BOGDAN NECHITA, CINTIA COLIBABA, IOAN MORARU, MARIA CODREANU, FLORIN VARARU**, 2014 - *Physical-chemical parameters and phenolic compounds from wines Fetească neagră aged in different toasted barrels*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Vol. 71, Nr. 2, p. 240-245.
2. **DUMITRIU GEORGIANA-DIANA, COTEA V. VALERIU, PEINADO RAFAEL AMORES, LOPEZ DE LERMA NIEVES, ZAMFIR CĂTĂLIN, COLIBABA CINTIA, NICULAU MARIUS, NECHITA BOGDAN, VARARU FLORIN**, 2014 - *Study in influence of some maturation process (staves) on the phenolic compounds and the anthocyanins*. Bulletin of Horticulture, University of Agricultural Sciences and Veterinary Medicine Iasi. Vol. 57, Nr. 1, p. 165-170.
3. **DUMITRIU GEORGIANA DIANA, COTEA V. VALERIU, MORARU IOAN, NICULAU MARIUS, NECHITA BOGDAN, COLIBABA CINTIA, VARARU FLORIN**, 2013 - *Comparative study on the influence of maceration technology on the red wines phenolic compound*. Bulletin of Horticulture, University of Agricultural Sciences and Veterinary Medicine Iasi. Vol. 56, Nr 2, p. 325-330.
4. **VARARU FLORIN, MORENO-GARCIA JAIME, MORENO JUAN, NICULAU MARIUS, NECHITA BOGDAN, ZAMFIR CĂTĂLIN, COLIBABA CINTIA, DUMITRIU GEORGIANA DIANA, COTEA, V. VALERIU**, 2014 - *Major aroma composition and color of Aligoté wines depending on the yeast strains*. Bulletin of Horticulture, University of Agricultural Sciences and Veterinary Medicine Iasi. Vol. 57, Nr. 1, p. 177-182;
5. **FLORIN VARARU, JAIME MORENO-GARCIA, JUAN MORENO, MARIUS NICULAU, BOGDAN NECHITA, CĂTĂLIN ZAMFIR, CINTIA COLIBABA, GEORGIANA-DIANA DUMITRIU, VALERIU V. COTEA**, 2015 - *Minor volatile compounds profiles of Aligote wines fermented with different yeast strains*. Notulae Scientia Biologicae. Vol.7, Nr.1, p. 123-128.
6. **MORENO-GARCÍA JAIME, DUMITRIU GEORGIANA-DIANA, GARCÍA-MARTÍNEZ TERESA, MILLÁN M. CARMEN, MAURICIO JUAN CARLOS, MORENO JUAN**, 2014 - *Flor yeast cellular components*. Bulletin of Horticulture,

University of Agricultural Sciences and Veterinary Medicine Iasi. Vol. 57, Nr. 2, p. 281-286.

7. JAIME MORENO-GARCÍA, **GEORGIANA-DIANA DUMITRIU**, JUAN MORENO, M. CARMEN MILLÁN, JUAN CARLOS MAURICIO, TERESA GARCÍA-MARTÍNEZ, 2015 - *Flor yeast proteomic response to the lack of fermentable carbon source*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Vol. 72, Nr. 1, p. 138-145.
8. VALERIU V. COTEA, CAMELIA LUCHIAN, **DIANA DUMITRIU**, CĂTĂLIN ZAMFIR, CINTIA COLIBABA, ANTOANELA PATRAȘ, 2013 - *Mesoporous material Kit-6 influence on the content of phenolic compounds in Fetească neagră wine*. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Vol. 71, Nr. 1, p. 1-5.
9. ZAMFIR CĂTĂLIN IOAN, VARARU FLORIN, **DUMITRIU GEORGIANA-DIANA**, COTEA V. VALERIU, ODĂGERIU GHEORGHE, 2013 - *Study of volatile compounds identified by head-space method in Băbească neagră rose wines obtained by different prefermentative maceration periods*. Bulletin of Horticulture, University of Agricultural Sciences and Veterinary Medicine Iasi. Vol. 56, Nr.1, p. 355- 360.
10. CODREANU MARIA, COTEA V. VALERIU, NICULAUA MARIUS, COLIBABA CINTIA, MORARU IOAN, **DUMITRIU GEORGIANA-DIANA**, VARARU FLORIN, 2013 - *The effect of some enzymatic treatments on Aligoté wine composition*. Bulletin of Horticulture, University of Agricultural Sciences and Veterinary Medicine Iasi. Vol. 56, Nr.1, p. 325-330.
11. VARARU F., ZAMFIR C. I., COLIBABA Lucia Cintia, **DUMITRIU Diana**, NICULAUA M., NECHITA C.B., COTEA V.V., CAUNIC Mariana, 2013 - *Studies concerning the influence of the maceration-fermentation technology on the anthocyanins content and colour of some red wines*. Bulletin of Horticulture, University of Agricultural Sciences and Veterinary Medicine Iasi. Vol. 56, Nr.2, p. 343-348.

III. Conferințe naționale și internaționale

1. **GEORGIANA-DIANA DUMITRIU**, VALERIU V. COTEA, RAFAEL ANDRES PEINADO AMORES, CINTIA COLIBABA, CAMELIA LUCHIAN, NIEVES LOPEZ DE LERMA, 2015 - *Use of mesoporous materials for wine fining*. 38th World Congress of Vine and Wine. OIV. Julie 5th - 10th. Mainz (Germany). Section II. Oenology. ISBN: 979-10-91799-33-1.
2. **GEORGIANA-DIANA DUMITRIU**, VALERIU V. COTEA, RAFAEL AMORES PEINADO, NIEVES LOPEZ DE LERMA, MARIUS NICULAUA, BOGDAN NECHITA, ZAMFIR CĂTĂLIN, CINTIA COLIBABA, CAMELIA LUCHIAN, VARARU FLORIN, 2014 - *Effect of alternative ageing using different wood chips on the physical-chemical parameters and phenolic compounds of Romanian red wines*. 37th World Congress of Vine and Wine. OIV. November 9th - 14th. Mendoza (Argentina). Section II. Oenology. ISBN: 979-10-91799-33-1.
3. **DUMITRIU GEORGIANA DIANA**, COTEA V. VALERIU, PEINADO RAFAEL AMORES, LOPEZ DE LERMA NIEVES, ZAMFIR CĂTĂLIN, NICULAUA

MARIUS, LUCHIAN CAMELIA, COLIBABA CINTIA, 2014 - *Study regarding influence of alternative (staves) and traditional (barrels) process of red wines aged on the antioxidant activity*. 2nd International Conference on Chemical Engineering – ICCE. November 5-8. Iași.

4. VARARU FLORIN, MORENO-GARCIA JAIME, MORENO JUAN, NICULAU MARIUS, NECHITA BOGDAN, ZAMFIR CĂTĂLIN, COLIBABA CINTIA, **DUMITRIU GEORGIANA-DIANA**, COTEA V. VALERIU, 2014 - *Effect of acidic hydrolysis on the content of some aroma compounds of musts from 4 grape varieties*. 37th World Congress of Vine and Wine, OIV, November 9th - 14th. Mendoza (Argentina), Section II. Oenology. ISBN: 979-10-91799-33-1.
5. **DUMITRIU GEORGIANA-DIANA**, NICULAU MARIUS, COTEA V. VALERIU, NECHITA BOGDAN, COLIBABA CINTIA, VARARU FLORIN, 2013 - *Evaluation of antiradical properties of some Romanian wines and characterization of cinnamic acids*. 36nd World Congress of Vine and Wine, OIV, 02nd – 7th June, Bucharest (Romania), Section II. Oenology. ISBN: 979-10-91799-16-4.
6. ZAMFIR CĂTĂLIN, VARARU FLORIN, **DUMITRIU GEORGIANA-DIANA**, COLIBABA CINTIA, COTEA V. VALERIU, ODĂGERIU GHEORGHE, 2013 - *Impact of tartaric stabilization treatments on the evolution of physical-chemical and colour parameters of Băbească neagră wines*. 36nd World Congress of Vine and Wine, OIV, 02nd – 7th June, Bucharest (Romania), Section II. Oenology. ISBN: 979-10-91799-16-4;