

Lista lucrărilor publicate sau trimise spre publicare

I. Lucrări ISI

1. **Vararu, F.**, Moreno-García, J., Cotea, V.V., Moreno, J., 2015, *Grape musts differentiation based on selected aroma compounds using SBSE-GC-MS and statistical analysis*, *Vitis* 54, 97–105, Factor de impact 2013: 0,794, ISSN: 0042-7500;
2. **Vararu F.**, Moreno-Garcia J., Zamfir C.I., Cotea V.V., Moreno J., 2015, *Selection of aroma compounds for the differentiation of Aligoté wines obtained by fermenting musts with starter cultures of commercial yeast strains*, *Food Chemistry*, **în curs de publicare**;
3. **Vararu F.**, Moreno-Garcia J., Moreno J., Nicolaua M., Nechita B., Zamfir C., Odăgeriu G., Colibaba C., Dumitriu G.D., Cotea V.V., 2015, *Influence of acidic hydrolysis on the aroma composition of grape must*, *Mitteilungen Klosterneuburg*, **în curs de publicare**;

II. Lucrări BDI

1. Codreanu M., Cotea V.V., Nicolaua M., Colibaba C., Moraru I., Dumitriu D., **Vararu F.**, *The effect of some enzymatic treatments on Aligoté wine composition*, *Bulletin of Horticulture, University of Agricultural Sciences and Veterinary Medicine Iasi*, volume 56, ISSN 1454-7376, 2013; pp 325 – 330;
2. Colibaba C., Cotea V.V., Rotaru L., Nicolaua M., **Vararu F.**, Luchian C., 2014, *Studies of the influence of some conditioning treatments on some volatile compounds in Fetească albă wines*, *Lucrari Stiintifice vol 57 -2 Seria Horticultura*, Ed. Ion Ionescu de la Brad, Iasi, ISSN 2069-8275, pp 181 – 186;
3. Dumitriu D., Cotea V.V., Moraru I., Nicolaua M., Nechita B., Colibaba C., **Vararu F.**, 2013, *Comparative study on the influence of maceration technology on the red wines phenolic compounds*, *Bulletin of Horticulture, University of Agricultural Sciences and Veterinary Medicine Iasi*, volume 56, ISSN 1454-7376; pp 325-330;

4. Dumitriu G.D., Cotea V.V., Peinado R.A., Lopez de Lerma N., Zamfir C., Niculaua M., Nechita B., Colibaba C., Moraru I., Codreanu M., **Vararu F.**, 2014, *Physical-chemical parameters and phenolic compounds from Fetească neagră wines aged in different toasted barrels*, Bulletin Of University Of Agricultural Sciences And Veterinary Medicine Cluj-Napoca Horticulture, Vol 71, No 2, pp 240 – 245;
5. Dumitriu G.D., Cotea V.V., Peinado R.A., Lopez de Lerma N., Zamfir C.I., Colibaba C., Niculaua M., Nechita B., **Vararu F.**, 2014, *Study of the influence cause by some maturation process (staves) on the phenolic compounds and the anthocyanins from red wines*, Lucrari Stiintifice vol 57 - 1 Seria Horticultura, Ed. Ion Ionescu de la Brad, Iasi, ISSN 2069-8275, pp 165 - 170;
6. Moreno-García J., **Vararu F.**, García-Martínez T., Millán M.C., Mauricio J.C., Moreno J. 2014, *Flor yeast resistance to ethanol and acetaldehyde high contents*, Lucrari Stiintifice vol 57 - 1 Seria Horticultura, Ed. Ion Ionescu de la Brad, Iasi, ISSN 2069-8275, pp 171 - 176;
7. Moreno-García J., **Vararu F.**, Moreno J., Millán M.C., Mauricio J.C., García-Martínez T., 2014, *Flor Yeast Proteomics under a Biofilm and under a Non-Biofilm Forming Conditions: Biological Processes in which more abundant Proteins are involved*, Bulletin Of University Of Agricultural Sciences And Veterinary Medicine Cluj-Napoca Horticulture, Vol 71, No 2, pp 274 – 281;
8. Niculaua M., Moroşanu Ana Maria, **Vararu F.**, Moraru I., Nechita C.B., Cotea V.V., 2014, *Volatile organic compounds in some white wines of Iaşi vineyard*, Lucrari Stiintifice vol 57 - 2 Seria Horticultura, Ed. Ion Ionescu de la Brad, Iasi, ISSN 2069-8275, pp 217 - 222;
9. Niculaua M., **Vararu F.**, Buburuzanu C., Malutan G., Nechita C. B., Cotea V. V., 2013, *Quantitative study of benzoic acids in wines from native varieties from ampelographical collection of USAMV Iasi*, Lucrari Stiintifice vol 56 Seria Horticultura, Supliment, Ed. Ion Ionescu de la Brad, Iasi, ISSN 2069-8275, pp 43-46;
10. **Vararu F.**, Moreno-Garcia J., Moreno J., Niculaua M., Nechita B., Zamfir C., Colibaba C., Dumitriu G.D., Cotea V.V., 2015. *Minor volatile compounds*

profiles of 'Aligoté' wines fermented with different yeast strains. Notulae Scientia Biologicae 7 (1), 123 – 128, Print ISSN 2067-3205; Electronic 2067-3264;

11. **Vararu F.**, Moreno-Garcia J., Moreno J., Nicolaua M., Nechita C.B., Zamfir C.I., Colibaba C., Dumitriu G.D., Cotea V.V. 2014, *Major aroma composition and color of Aligoté wines depending on the yeast strains*, *Lucrari Stiintifice vol 57 - 1 Seria Horticultura*, Ed. Ion Ionescu de la Brad, Iasi, ISSN 2069-8275, pp 183 - 188;
12. **Vararu F.**, Zamfir C.I., Colibaba C., Dumitriu D., Nicolaua M., Nechita B., Caunic M., Cotea V.V., 2013, *Studies Concerning The Influence Of The Maceration – Fermentation Technology On The Anthocyan Content And Colour Of Some Red Wines*, *Bulletin of Horticulture, University of Agricultural Sciences and Veterinary Medicine Iasi*, volume 56, ISSN 1454-7376, pp 343-348;
13. Zamfir C.I., **Vararu F.**, Dumitriu D., Cotea V.V., Odăgeriu Ghe., 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*, volume 56, ISSN 1454-7376, 355- 360;

III. Capitole de carte

1. **Vararu, F.**, Moreno-García, J., Cotea, V.V., Moreno, J., 2014, *Caracterización quimiométrica de variedades de uva mediante compuestos libres del aroma primario*, Book chapter in XXXVI Jornadas de Viticultura y Enología Tierra de Barros, Almendralejo, Spain, 101–118;

IV. Conferințe internaționale

1. Dumitriu D., Nicolaua M., Cotea V.V., Nechita B., Colibaba C., **Vararu F.**, 2013, *Evaluation of antiradical properties of some romanian wines and characterization of cinnamic acids*, XXXVIth World Congress of Vine and

Wine, OIV, 02nd – 7th June, Bucharest, Romania, Section II, Oenology, P.II.54, ISBN 979-10-91799-16-4;

2. Codreanu M., Cotea V.V., Niculaua M., Colibaba C., Moraru I., Dumitriu D., **Vararu F.**, 2013, *The influence of some pre-fermentative treatments on Aligoté wines compositions*, , XXXVIth World Congress of Vine and Wine, OIV, 02nd – 7th June, Bucharest, Romania, Section II, Oenology, P.II.54, ISBN 979-10-91799-16-4;
3. Dumitriu G.D., Peinado R.A., Lopez de Lerma N., Niculaua M., Nechita B., Colibaba C., Luchian C., **Vararu F.**, Cotea V.V., 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 2014. Mendoza (Argentina), Section II, Oenology, P.II.54, ISBN 979-10-91799-16-4;
4. Moreno-García J., **Vararu F.**, Cotea V.V., García-Martínez T., Moreno J. Millán M.C., Mauricio J.C., 2014, *Flor yeast molecular functions of proteins under different enological conditions*, 37th World Congress of Vine and Wine, OIV, November 9th - 14th 2014. Mendoza (Argentina), Section II, Oenology, P.II.54, ISBN 979-10-91799-16-4;
5. Niculaua M., Moraru I., Colibaba L C., Codreanu M., **Vararu F.**, Nechita C. B., Cotea V. V., 2013, *Assessment of metal composition in some local wines from moldova vineyards*, XXXVIth World Congress of Vine and Wine, Bucuresti, 6p, ISBN 979-10-91799-16-4;
6. **Vararu F.**, Cotea V.V., Zamfir C.I., Nechita B., Niculaua M., Colibaba C., Dumitriu D., 2013, *Study of phenolic compounds in Feteasca neagra wine from Iasi Vineyard*, XXXVIth World Congress of Vine and Wine, OIV, 02nd – 7th June, Bucharest, Romania, Section II, Oenology, P.II.54, ISBN 979-10-91799-16-4;
7. **Vararu F.**, Moreno-Garcia J., Moreno J., Niculaua M., Nechita B., Zamfir C., Colibaba C., Dumitriu G.D., Cotea V.V., 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 2014.

Mendoza (Argentina), Section II, Oenology, P.II.54, ISBN 979-10-91799-16-4;

8. **Vararu, F.**, Moreno-García, J., Cotea, V.V., Moreno, J., 2014, *Caracterización quimiométrica de variedades de uva mediante compuestos libres del aroma primario*, XXXVI Jornadas de Viticultura y Enología Tierra de Barros, Almendralejo, Spain;
9. Zamfir C.I., **Vararu F.**, Dumitriu D., Colibaba C., Cotea V.V., Odăgeriu Ghe., 2013, *Impact of tartaric stabilization treatments on the evolution of physical-chemical and colour parameters of Băbească neagră wines*, XXXVIth World Congress of Vine and Wine, OIV, 02nd – 7th June, Bucharest, Romania, Section II, Oenology, P.II.54, ISBN 979-10-91799-16-4;