UNIVERSITATEA PETROL - GAZE DIN PLOIEȘTI
FACULTATEA: Tehnologia Petrolului și Petrochimie
DEPARTAMENTUL: Chimie
Concurs pentru ocuparea postului de **Șef de lucrări**, poz. **16**
Disciplinele postului: *Chimie organică 1, Chimie organică 2, Chimie 2, Ingredienți, aditivi și adjuvanți organici, Metode cromatografice și electroforetice de analiză a alimentelor, Tehnologie chimică generală*
Domeniul: **Inginerie Chimică**

Lista de lucrări

I. Lista celor (max) 10 lucrari - considerate a fi cele mai relevante pentru realizarile profesionale proprii

1. **Palade**, L. M., Negoiță, M., Adascălului, A. C., & Mihai, A. L. (2023). Polycyclic aromatic hydrocarbon occurrence and formation in processed meat, edible oils, and cereal-derived products: A review. Applied Sciences, 13(13), 7877. FI - 2.7
https://doi.org/10.3390/app13137877

2. Popescu, P. A., **Palade**, L. M., Nicolae, I. C., Popa, E. E., Miteluț, A. C., Drăghici, M. C., ... & Popa, M. E. (2022). Chitosan-Based Edible Coatings Containing Essential Oils to Preserve the Shelf Life and Postharvest Quality Parameters of Organic Strawberries and Apples during Cold Storage. Foods, 11(21), 3317. FI - 5.561
https://doi.org/10.3390/foods11213317

3. **Palade**, L. M., Croitoru, C., Albu, C., Radu, G. L., & Popa, M. E. (2021). Identification of Tentative Traceability Markers with Direct Implications in Polyphenol Fingerprinting of Red Wines: Application of LC-MS and Chemometrics Methods. Separations, 8(12), 233. FI - 3.04
https://doi.org/10.3390/separations8120233

4. **Palade**, L. M., Dore, M. I., Marin, D. E., Rotar, M. C., & Taranu, I. (2021). Assessment of Food By-Products' Potential for Simultaneous Binding of Aflatoxin B1 and Zearalenone. Toxins, 13(1), 2. FI - 5.075
https://doi.org/10.3390/toxins13010002

5. **Palade**, L. M., Habeanu, M., Marin, D. E., Chedea, V. S., Pistol, G. C., Grosu, I. A., Gheorghe, A., Ropota, M. and Taranu, I. (2019). Effect of Dietary Hemp Seed on Oxidative Status in Sows during Late Gestation and Lactation and Their Offspring. Animals, 9(4), 194. FI - 2.695
https://doi.org/10.3390/ani9040194

6. **Palade**, L. M., Croitoru, C., and Arnous, A. (2019). Preliminary assessment for the synthesis of lignin-type molecules using crude onion peroxidase. Chemical Papers, 73(4), 801–810. FI - 1.680
https://link.springer.com/article/10.1007/s11696-018-0651-z

7. Chedea, V. S., Palade, L. M., Marin, D. E., Pelmus, R. S., Habeanu, M., Rotar, M. C., Gras, M. A., Pistol, G. C. and Taranu, I. (2018). Intestinal absorption and antioxidant activity of grape pomace polyphenols. Nutrients, 10(5), 588. FI - 4.171
https://doi.org/10.3390/nu10050588

8. **Palade**, L. M., & Chedea, V. S.. Chapter 2: Antioxidant/pro-oxidant action of polyphenols from grape seeds. In *Grape Seeds: Nutrient Content, Antioxidant Properties and Health Benefits* (pp. 27–56). Ed. Nova Science Publ., 2016, ISBN 978-1-63484-592-2
https://novapublishers.com/shop/grape-seeds-nutrient-content-antioxidant-properties-and-health-benefits/

II. Teza de doctorat

CONTRIBUȚII NOI PRIVIND AMPRENTAREA PROFILULUI POLIFENOLIC AL VINURILOR SECI PROVENITE DIN SOIURI ROȘII AUTOHTONE ȘI STRĂINE, Laurentiu Mihai **Palade**.
https://usamv.ro/site-vechi/images/Programe_de_studii/Doctorat/Teze_de_doctorat/rezumat-ro-palade-laurentiu-mihai.pdf

III. Carti/capitole de carte

Palade, L. M., & Chedea, V. S.. Antioxidant/pro-oxidant action of polyphenols from grape seeds. In Grape Seeds: Nutrient Content, Antioxidant Properties and Health Benefits (pp. 27–56). Ed. Nova Science Publ., 2016, ISBN 978-1-63484-592-2
https://novapublishers.com/shop/grape-seeds-nutrient-content-antioxidant-properties-and-health-benefits/

IV. Articole publicate în reviste cotate ISI

1. **Palade**, L. M., Negoiță, M., Adascălului, A. C., & Mihai, A. L. (2023). Polycyclic aromatic hydrocarbon occurrence and formation in processed meat, edible oils, and cereal-derived products: A review. Applied Sciences, 13(13), 7877. FI - 2.7
https://doi.org/10.3390/app13137877

2. Popescu, P. A., **Palade**, L. M., Nicolae, I. C., Popa, E. E., Miteluț, A. C., Drăghici, M. C., ... & Popa, M. E. (2022). Chitosan-Based Edible Coatings Containing Essential Oils to Preserve the Shelf Life and Postharvest Quality Parameters of Organic Strawberries and Apples during Cold Storage. Foods, 11(21), 3317. FI - 5.561
https://doi.org/10.3390/foods11213317

3. Taranu, I., Pistol, G. C., **Palade**, M. L., Bulgaru, C. V., Habeanu, M., Anghel, A. C., & Marin, D. (2022). Dietary Inclusion of Saccharomyces Cerevisiae Fermented Rapeseed Meal Modulated Immune, Oxidant And Antioxidant Indices In Piglets After Weaning. Scientific Papers: Series D, Animal Science-The International Session of Scientific Communications of the Faculty of Animal Science, 65(1).
https://animalsciencejournal.usamv.ro/pdf/2022/issue_1/Art28.pdf

4. **Palade**, L. M., Croitoru, C., Albu, C., Radu, G. L., & Popa, M. E. (2021). Identification of Tentative Traceability Markers with Direct Implications in Polyphenol Fingerprinting of Red Wines: Application of LC-MS and Chemometrics Methods. Separations, 8(12), 233. FI - 3.04
https://doi.org/10.3390/separations8120233

5. **Palade**, L. M., Dore, M. I., Marin, D. E., Rotar, M. C., & Taranu, I. (2021). Assessment of Food By-Products' Potential for Simultaneous Binding of Aflatoxin B1 and Zearalenone. Toxins, 13(1), 2. FI - 5.075
https://doi.org/10.3390/toxins13010002

6. Marin, D. E., Bulgaru, C. V., Anghel, C. A., Pistol, G. C., Dore, M. I., **Palade**, M. L., & Taranu, I. (2020). Grape seed waste counteracts aflatoxin B1 toxicity in piglet mesenteric lymph nodes. Toxins, 12(12), 800. FI - 4.546
https://doi.org/10.3390/toxins12120800

7. Grosu, I.A., Pistol, G.C., Marin, D.E., Cişmileanu, A., **Palade**, L.M., Ţăranu, I. (2020). Effects of Dietary Grape Seed Meal Bioactive Compounds on the Colonic Microbiota of Weaned Piglets with Dextran Sodium Sulfate-Induced Colitis Used as an Inflammatory Model. Frontiers in Veterinary Science, 7:31. FI - 3.12
https://doi.org/10.3389/fvets.2020.00031

8. Reyes-Camacho, D., Vinyeta, E., Pérez, J.F., Aumiller, T., Criado, L., **Palade**, L.M., Taranu, I., Folch, J.M., Calvo, M.A., Van der Klis, J.D., Solà-Oriol, D. (2020). Phytogenic actives supplemented in hyperprolific sows: effects on maternal transfer of phytogenic compounds, colostrum and milk features, performance and antioxidant status of sows and their offspring, and piglet intestinal gene expression. Journal of Animal Science, 98(1), skz390. FI - 2.59
https://doi.org/10.1093/jas/skz390

9. Taranu, I., Marin, D. E., **Palade**, L. M., Pistol, G. C., Chedea, V. S., Gras, M. A., & Rotar, C. (2019). Assessment of the efficacy of a grape seed waste in counteracting the changes induced by aflatoxin B1 contaminated diet in performance, plasma, liver and intestinal tissues of pigs after weaning. Toxicon. 162, 24-31. FI - 2.201
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10. Chedea, V. S., **Palade**, L. M., Pelmus, R. S., Dragomir, C., and Taranu, I. (2019). Red Grape Pomace Rich in Polyphenols Diet Increases the Antioxidant Status in Key Organs—Kidneys, Liver, and Spleen of Piglets. Animals, 9(4), 149. FI - 2.695
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11. **Palade**, L. M., Habeanu, M., Marin, D. E., Chedea, V. S., Pistol, G. C., Grosu, I. A., Gheorghe, A., Ropota, M. and Taranu, I. (2019). Effect of Dietary Hemp Seed on Oxidative Status in Sows during Late Gestation and Lactation and Their Offspring. Animals, 9(4), 194. FI - 2.695

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13. **Palade**, L. M., and Popa, M. (2018). Polyphenol Fingerprinting Approaches in Wine Traceability and Authenticity: Assessment and Implications of Red Wines. Beverages, 4(4), 75. https://doi.org/10.3390/beverages4040075

14. Marin, D E, Pistol, G. C., Gras, M., **Palade**, M., and Taranu, I. (2018). A comparison between the effects of ochratoxin A and aristolochic acid on the inflammation and oxidative stress in the liver and kidney of weanling piglets. Naunyn-Schmiedeberg's Archives of Pharmacology, 391(10), 1147–1156. FI - 2.01 https://link.springer.com/article/10.1007/s00210-018-1538-9

15. Chedea, V. S., Palade, L. M., Marin, D. E., Pelmus, R. S., Habeanu, M., Rotar, M. C., Gras, M. A., Pistol, G. C. and Taranu, I. (2018). Intestinal absorption and antioxidant activity of grape pomace polyphenols. Nutrients, 10(5), 588. FI - 4.171 https://doi.org/10.3390/nu10050588

16. Taranu, I., Habeanu, M., Gras, M. A., Pistol, G. C., Lefter, N., **Palade**, M., Ropota, M., Chedea, V. S. and Marin, D. E. (2018). Assessment of the effect of grape seed cake inclusion in the diet of healthy fattening-finishing pigs. Journal of Animal Physiology and Animal Nutrition, 102(1), e30-e42. FI - 1.607 https://onlinelibrary.wiley.com/doi/10.1111/jpn.12697

17. Ciurescu, G., Vasilachi, A., Ropota, M., **Palade**, M., and Dragomir, C. (2017). Beneficial effects of increasing dietary levels of raw lentil seeds on meat fatty acid and plasma metabolic profile in broiler chickens. Indian Journal of Animal Sciences, 87(11), 1385–1390. FI - 0.279 https://epubs.icar.org.in/index.php/IJAnS/article/view/75892

18. Marin, D. E., Pistol, G. C., Gras, M. A., **Palade**, L. M., and Taranu, I. (2017). Comparative effect of ochratoxin A on inflammation and oxidative stress parameters in gut and kidney of piglets. Regulatory Toxicology and Pharmacology, 89, 224–231. FI - 2.815 https://doi.org/10.1016/j.yrtph.2017.07.031

19. Marin, D. E., Braicu, C., Gras, M. A., Pistol, G. C., Petric, R. C., Berindan Neagoe, I., **Palade**, M. and Taranu, I. (2017). Low level of ochratoxin A affects genome-wide expression in kidney of pig. Toxicon, 136, 67–77. FI - 2.38 https://doi.org/10.1016/j.toxicon.2017.07.004

20. **Palade**, L.M., Duta, D., Popescu, C., Croitoru, C., and Popa, M. E. (2016). Differentiation of three grape varieties by using sensory analysis and characterization of the volatile compounds profile of their musts. Romanian Biotechnological Letters, 22(6), 12005. FI - 0.396 https://rombio.unibuc.ro/wp-content/uploads/2022/05/21-6-3.pdf

21. Malićanin, M., Rac, V., Antić, V., Antić, M., **Palade**, L. M., Kefalas, P., and Rakić, V. (2014). Content of antioxidants, antioxidant capacity and oxidative stability of grape seed oil obtained by ultra sound assisted extraction. Journal of the American Oil Chemists' Society, 91(6), 989–999. FI - 1.541 https://link.springer.com/article/10.1007/s11746-014-2441-2

22. Tair, A., Weiss, E.-K., **Palade**, L. M., Loupassaki, S., Makris, D. P., Ioannou, E., Roussis, V., and Kefalas, P. (2014). Origanum species native to the island of Crete: in vitro antioxidant characteristics and liquid chromatography–mass spectrometry identification of major polyphenolic components. Natural Product Research, 28(16), 1284–1287. FI - 1.225 https://doi.org/10.1080/14786419.2014.896011

V. Articole publicate în reviste cotate BDI

1. **Palade**, L. M., Pertea, A. M., & Taranu, I. (2021). Response of antioxidant status in kidney of pigs exposed to aflatoxin B1 to dietary grape seed meal. Archiva Zootechnica, 24(1), 17-30. https://www.ibna.ro/arhiva/AZ-24-1/2021-V24-1-02-Palade-Mihai.pdf

2. Reyes-Camacho, D., Pérez, J. F., Vinyeta, E., Aumiller, T., Criado-Mesas, L., **Palade**, L. M., ... & Solà-Oriol, D. (2020). Neonatal programming of piglet gut health and postnatal effects by maternal transfer of phytogenic compounds supplemented in gestating and lactating hyperprolific sows. Research Square. DOI: 10.21203/rs.3.rs-52150/v1.
https://assets.researchsquare.com/files/rs-52150/v1/704320f2-4763-4459-bac2-b3389d1a323a.pdf?c=1631849855

3. Taranu, I., Gras, M. A., Habeanu, M., Pistol, G. C., Lefter, N., **Palade**, M. L., ... & Marin, D. E. (2020). Active ingredients from oil by-products modulate spleen inflammatory and antioxidant response in pigs. Archiva Zootechnica, 23(1), 81-97.
http://www.ibna.ro/arhiva/AZ-23-1/2020-V23-1-08-Taranu.pdf

4. Pelmuș, R. Ș., Lazăr, C., **Palade**, M. L., Stancu, M., Rotar, C. M., & Gras, M. A. (2020). Study on milk composition and milk protein distribution in Romanian Holstein cattle. Archiva Zootechnica 23 (1), 13-21
http://www.ibna.ro/arhiva/AZ-23-1/2020-V23-1-02-Pelmus.pdf

5. Marin, D.E., Bulgaru, C.V., **Palade**, L.M., Pistol, G.C., Gras, M.A., Taranu, I. (2019). Effect of the grape seed meal administration on inflammation and oxidative stress in the spleen of piglets fed aflatoxin B1. Archiva Zootechnica, 22(2), 22–31.
https://ibna.ro/arhiva/03-AZ-155-D-Marin-03-03-2020.pdf

6. Pistol, G. C., **Palade**, L. M., Marin, D. E., Stancu, M., & Taranu, I. (2019). The effect of grape wastes, wine industry byproducts, on inflammatory and antioxidant biomarkers in post-weaning piglets. Lucrări Științifice-Universitatea de Științe Agricole Și Medicină Veterinară, Seria Zootehnie, 71, 219-223.
https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_71/Gina_Pistol.pdf

7. Saracila, M., Panaite, T. D., Vlaicu, P. A., Tabuc, C., **Palade**, M. L., Gavris, T., & Criste, R. D. (2018). Dietary Willow Bark Extract for Broilers Reared Under Heat Stress. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Animal Science & Biotechnologies, 75(2).
https://pdfs.semanticscholar.org/cd26/deea48e3d19f45810ec06411351f0b5c775d.pdf

8. Marin, D. E., Pistol, G. C., Gras, M., **Palade**, M., and Taranu, I. (2018). Effect of Cereal Contaminants on the Inflammation and Oxidative Stress in the Gut of Weanling Piglets. Scientific Papers: Animal Science & Biotechnologies, 51(1).
https://spasb.ro/index.php/public_html/article/view/1004/952

9. Taranu, I., Habeanu, M., **Palade**, L. M., and Marin, D. (2018). Beneficial Effect of Dietary Bioactive Compounds from Residual Nuts, a By-Product of Pastry on Antioxidant Defense in Pigs after Weaning. Scientific Papers: Animal Science & Biotechnologies, 51(1).
https://spasb.ro/index.php/public_html/article/view/1006/954

10. Taranu, I., Habeanu, M., Gras, M. A., Pistol, G. C., Lefter, N., **Palade**, M., Ropota, M., Chedea, V.S. and Marin, D. E. (2017). Effect of xenobiotic compounds from grape waste on liver function and oxidative status in pigs. Archiva Zootechnica, 20(2).
https://ibna.ro/arhiva/AZ-20-2/01-Taranu.pdf

11. Pistol, G. C., Chedea, V., **Palade**, L. M., Marin, D. E., Calin, L., Stancu, M., and Taranu, I. (2017). Use of high polyphenols grape seeds cakes to modulate the inflammatory status and piglet health during the post-weaning period. Lucrări Științifice-Universitatea de Științe Agricole Și Medicină Veterinară, Seria Zootehnie, 68, 22–28.
https://repository.uaiasi.ro/handle/20.500.12811/913

12. Habeanu, M., Lefter, N., George, A., Tabuk, K., Dumitru, M., Ciruesku, G., & **Palade**, M. (2017). Effects of dietary peas mixed with linseed (3: 1) on the growth performance, enteritis and certain serum parameter in weaned piglets. Food and Feed research, 44(2), 173-180.
https://scindeks.ceon.rs/Article.aspx?artid=2217-53691702173H&lang=en

13. Hăbeanu, M., Tabuc, C., Gheorghe, A., Ropota, M., Dumitru, M., Călin, L., ... & **Palade**, M. (2016). Preliminary study on the interrelation between sow milk quality and litter performance in relation to their health. Scientific Papers-Animal Science Series, 66, 35-40.
https://www.uaiasi.ro/firaa/Pdf/Pdf_Vol_66/Mihaela_Habeanu.pdf

14. Chedea, V.S., Pelmus, R. S., Cismileanu, A. E., Pistol, G. C., **Palade**, L.M., and Taranu, I. (2016). Total polyphenols content, antioxidant activity and stability of a grape pomace incorporated in animal feed. Scientific Papers Animal Science & Biotechnologies, 49(1), 1–5.
https://www.cabidigitallibrary.org/doi/pdf/10.5555/20163196548

15. Chedea, V. S., **Palade**, L. M., Rotar, M. C., Călin, L. G., and Dragomir, C. (2015). The anthocyanin composition of a red grape pomace in relation with the wine industry by- products valorization in animal feed. Lucrări Ştiinţifice Seria Horticultură, 58(1), 29–34. https://repository.uaiasi.ro/xmlui/handle/20.500.12811/2399

16. **Palade**, M., & Popa, M. E. (2015). GC-MS headspace characterization of the volatile profile of grape skin, pulp and seed extracts for three romanian varieties. Scientific Bulletin. Series F. Biotechnologies, 19, 2285-1364. http://biotechnologyjournal.usamv.ro/pdf/2015/Art30.pdf

17. Dobre, A., Marin, L., Manole, C., Golea, D., **Palade**, L. M., Tudora, C., & Cornea, C. P. (2015). Detection of Antagonistic Activity of Bacteria Against Phytophthora infestans and Pythium debaryanum. Bulletin of the University of Agricultural Sciences & Veterinary Medicine Cluj-Napoca. Veterinary Medicine, 72(1). https://journals.usamvcluj.ro/index.php/agriculture/article/view/11185

18. **Palade**, L. M., Manole, C., Dobre, A., Marin, L., Golea, D., & Tudora, C. (2015). Changes in Phenolics and Protein Content during Seed Dermination of Carthamus tinctorius L. Bulletin USAMV series Agriculture, 72, 1. https://journals.usamvcluj.ro/index.php/agriculture/article/view/10678

19. **Palade**, L. M., and Popa, M. E. (2014). Wine traceability and authenticity–A literature review. Scientific Bulletin. Series F. Biotechnologies, 18, 226–233. http://biotechnologyjournal.usamv.ro/pdf/2014/Art39.pdf

20. **Palade**, L. M., Marin, L., Manole, C., & Butu, A. (2014). Influence of Volatile Oils on the In Vitro Growth of Phytophthora Infestans. Bulletin UASVM Animal Science and Biotechnologies, 71, 2. https://journals.usamvcluj.ro/index.php/zootehnie/article/view/10680

VI. Proiecte de cercetare-dezvoltare pe baza de contract/grant

Director de proiect

1. ADER 9.2.1/ 2019 - Evaluarea efectelor produse de diferiți contaminanți alimentari asupra sănătății purceilor după înțărcare și elaborarea de recomandări naționale și europene privind normele și limitele de toleranță pentru micotoxine. Director proiect: Dr. Daniela Marin (Octombrie 2019-Iunie 2021)/Dr. Mihai Palade (Iulie 2021-Octombrie 2022) https://ibna.ro/proiecte-de-cercetare/item/127-proiect-ader-9-2-1

2. TE 46/2022 - Evaluarea eficientei unor biomateriale drept adsorbanti in vederea mitigarii micotoxinelor. Studiu de toxicocinetica si diminuare in vivo. Director proiect: Mai 2022-Iunie2022 https://uefiscdi.gov.ro/resource-862604-te_2021_rezultate-finale_biotehnologii.pdf

Membru in echipa

Internationale

1. COST Action: CA21149 (ACRYRED) - Reducing acrylamide exposure of consumers by a cereals supply-chain approach targeting asparagine– 2022-2024 https://www.cost.eu/cost-action/reducing-acrylamide-exposure-of-consumers-by-a-cereals-supply-chain-approach-targeting-asparagine/#tabs+Name:Working%20Groups%20and%20Membership

2. PN-III-P3-3.1-PM-RO-FR-2019-0261 - Proiect Brancusi 22BM (SOXINFLAMPIG) - Investigarea potentialului unor subproduse agro-industriale de a modula procese fiziologice cu rol esential in reducerea stresului oxidativ si a inflamatiei tranzitorii la purcei dupa intarcare. – 2019-2021 https://www.brainmap.ro/laurentiu-mihai-palade

3. PN-III-P3-3.1-PM-RO-BE-2016-0014 - Efectul prebioticelor si probioticelor asupra microbiotei si proceselor intestinale la porc ca model pentru maladiile inflamatorii intestinale umane. - 2017-2019 https://www.brainmap.ro/laurentiu-mihai-palade

Nationale

4. PN-III-P4-PCE-2021-0992 (Zinc-botanicals) - Evaluarea eficienței unor subproduse agro-industriale cu matrici complexe de compuși bioactivi de a înlocui ZnO ; de la in vitro la in vivo – 2022-2022
   https://www.brainmap.ro/laurentiu-mihai-palade

5. PN-III-P4-PCE-2021-0889 - Abordări in vitro, ex-vivo și in silico pentru identificarea mecanismelor moleculare și celulare implicate în toxicitatea alternariolului – 2022-2022
   https://www.brainmap.ro/laurentiu-mihai-palade

6. PN-III-P2-2.1-PED-2021-1989 (SynbioFeed) - Produs furajer cu formulă complexă eficient în ameliorarea efectelor negative ale crizei de înțărcare la purcei – 2022-2022
   https://www.brainmap.ro/laurentiu-mihai-palade

7. PN-III-P2-2.1-PED-2019-2436 (Zincored) - Formula nutritionala imbogatita in nutrienti bioactivi cu efect antimicrobian pentru inlocuirea oxidului de zinc la purcei dupa intarcare – 2020-2022
   https://www.brainmap.ro/laurentiu-mihai-palade

8. PN-III-P1-1.2-PCCDI-2017-0473 - De la nutritia clasica la nutritia de precizie in domeniul cresterii animalelor, baza stiintifica pentru asigurarea securitatii nutritionale a populatiei – 2018-2021
   https://www.brainmap.ro/laurentiu-mihai-palade

9. PN-III-P3-3.5-EUK-2017-0004 - Dezvoltarea unui nou supliment furajer pentru hrana animalelor pentru îmbunătățirea performanței animalelor.– 2017-2020
   https://www.brainmap.ro/laurentiu-mihai-palade

10. PN-III-P2-2.1-PED-2016-1255 (GRAFIX) - Produs furajer pentru diminuarea contaminarii cu micotoxine la porc. - 2017-2018
    https://www.brainmap.ro/laurentiu-mihai-palade

11. PN-II-RU-TE-2014-4-1287 - TE 302 - Investigarea pre-, probioticelor ca modulatori ai microflorei și inflamației intestinale la porc ca model pentru inflamația intestinală cronică umană - 2015 -2017
    https://www.brainmap.ro/laurentiu-mihai-palade

12. PN-II-PT-PCCA-2011-3.2-1008 - Noi formule utilizate in prevenirea si combaterea manei la specii horti-viticole (ANTIOOMI) – 2012-2014
    https://www.brainmap.ro/laurentiu-mihai-palade

VII. Citări în reviste ISI

1. Palade, L. M., Negoiță, M., Adascălului, A. C., & Mihai, A. L. (2023). Polycyclic aromatic hydrocarbon occurrence and formation in processed meat, edible oils, and cereal-derived products: A review. Applied Sciences, 13(13), 7877. FI - 2.7
   https://doi.org/10.3390/app13137877
   9 citari - https://www.webofscience.com/wos/woscc/summary/bc0952b0-7a00-41e5-af1f-971ed68ed0fb-c6ff7332/date-descending/1

2. Popescu, P. A., Palade, L. M., Nicolae, I. C., Popa, E. E., Miteluț, A. C., Drăghici, M. C., ... & Popa, M. E. (2022). Chitosan-Based Edible Coatings Containing Essential Oils to Preserve the Shelf Life and Postharvest Quality Parameters of Organic Strawberries and Apples during Cold Storage. Foods, 11(21), 3317. FI - 5.561
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