

**FIȘA DE ÎNDEPLINIRE A CRITERIILOR MINIMALE CF. OM 6129/2016, ANEXA 18**

| Nr. articol în revistă ISI | Date articol  | Număr autori | Factor de impact articol 2018-2019 | Autor principal | Factor de impact/nr. autori* |
|----------------------------|---|--------------|------------------------------------|-----------------|------------------------------|
| 1                          | <p><b>Dorina Rodica CHAMBRE</b>, Mihaela TOCIU, Michaela Dina STĂNESCU, Crișan POPESCU,<br/>Influence of composition on the thermal behavior of oils extracted from the seeds of some Romanian grapes.<br/><i>Journal of the Science of Food and Agriculture</i>, (2019); 99(14):6324-6332;<br/><a href="https://doi.org/10.1002/jsfa.9909">https://doi.org/10.1002/jsfa.9909</a><br/><a href="https://online.library.wiley.com/doi/abs/10.1002/jsfa.9909?af=R">https://online.library.wiley.com/doi/abs/10.1002/jsfa.9909?af=R</a></p>   | 4            | 2,422                              | DA              | 2,422                        |
| 2                          | <p><b>Dorina CHAMBRE</b>, Mihaela DOCHIA, Simona GAVRILĂȘ,<br/>TG/DTG analysis of an eco-friendly scoured fabric.<br/><i>Rev. Roum. Chim.</i>, (2019); 64(5):453-460;<br/>DOI 10.33224/rch. 2019.64.5.09<br/><a href="http://revroum.lew.ro/wp-content/uploads/2019/05/Art%2009.pdf">http://revroum.lew.ro/wp-content/uploads/2019/05/Art%2009.pdf</a>,</p>   | 3            | 0,395                              | DA              | 0,395                        |
| 3                          | <p>Cristian MOISĂ, Andreea LUPITU, Georgeta POP, <b>Dorina Rodica CHAMBRE</b>, Lucian COPOLOVICI, Gabriela CIOACĂ, Simona BUNGAU, Dana Maria COPOLOVICI,<br/>Variation of the Chemical Composition of Thymus Vulgaris Essential Oils by Phenological Stages.<br/><i>REV. CHIM.(Bucharest)</i>, (2019); 70(2):633-637;<br/><a href="https://doi.org/10.37358/RC.19.2.6973">https://doi.org/10.37358/RC.19.2.6973</a><br/><a href="https://revistadechimie.ro/Articles.asp?ID=6973">https://revistadechimie.ro/Articles.asp?ID=6973</a></p> | 8            | 1,605                              | NU              | 0,200                        |
| 4                          | <p><b>Dorina Rodica CHAMBRE</b>, Simona GAVRILĂȘ, Michaela Dina STĂNESCU, Crișan POPESCU,<br/>Thermal analysis for depiction of Laccase-PVA biocomposite.<br/><i>Rev. Roum. Chim.</i>, (2018); 63(9):855-860;<br/><a href="http://revroum.lew.ro/wp-content/uploads/2018/09/Art%2009.pdf">http://revroum.lew.ro/wp-content/uploads/2018/09/Art%2009.pdf</a></p>   | 4            | 0,395                              | DA              | 0,395                        |

|   |  |   |       |            |       |
|---|--|---|-------|------------|-------|
| 5 | <p>Diana Nicoleta RABA, <b>Dorina Rodica CHAMBRE</b>, Dana-Maria COPOLOVICI, Camelia MOLDOVAN, Lucian Octav COPOLOVICI,<br/> The influence of high-temperature heating on composition and thermo-oxidative stability of the oil extracted from Arabica coffee beans<br/> <i>PLoS ONE</i>, (2018); <u>13(7)</u>: e0200314;<br/> <a href="https://doi.org/10.1371/journal.pone.0200314">doi.org/10.1371/journal.pone.0200314</a>,<br/> <a href="https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0200314">https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0200314</a></p> | 5 | 2,776 | DA<br>a.c. | 2,776 |
| 6 | <p>Mihaela DOCHIA, <b>Dorina CHAMBRE</b>, Simona GAVRILAȘ, Cristian MOIȘĂ,<br/> Characterization of the complexing agents' influence on bioscouring cotton fabrics by FT-IR ATR and TG/DTG/DTA analysis;<br/> <i>Journal of Thermal Analysis and Calorimetry</i>, (2018); <u>132(3)</u>:1489-1498;<br/> <a href="https://doi.org/10.1007/s10973-018-7089-y">https://doi.org/10.1007/s10973-018-7089-y</a><br/> <a href="https://link.springer.com/article/10.1007/s10973-018-7089-y">https://link.springer.com/article/10.1007/s10973-018-7089-y</a></p>   | 4 | 2,471 | DA<br>a.c  | 2,471 |
| 7 | <p>Mihaela DOCHIA, Monica PUSTIANU, Cristian MOIȘĂ, <b>Dorina CHAMBRE</b>, Simona GAVRILAȘ,<br/> Sodium citrate as an eco-friendly complexing agent for the bio-scouring treatment of the cellulosic /ligno-cellulosic fabrics;<br/> <i>Chemical Papers</i>, (2018); <u>72(8)</u>:1881-1888;<br/> <a href="https://doi.org/10.1007/s11696-018-0455-1">https://doi.org/10.1007/s11696-018-0455-1</a><br/> <a href="https://link.springer.com/article/10.1007/s11696-018-0455-1">https://link.springer.com/article/10.1007/s11696-018-0455-1</a></p>   | 5 | 1,246 | NU         | 0,249 |
| 8 | <p>Gheorghe Radu Emilian MĂRIEȘ, Dan CHIRA, Ovidiu NOVAC, Cecilia SÎRGHIE, <b>Dorina Rodica CHAMBRE</b>, Daniel TOMESCU,<br/> The Influence of the Processing Temperature by Injection and of Subsequent Pressure on Some Mechanical Properties of HDPE, PMMA, PC+ABS, Through Methods of Determining the Flexural Properties;<br/> <i>MATERIALE PLASTICE</i> , (2016); <u>53(3)</u>:458-464;<br/> <a href="https://www.revmaterialieplastic.ro/Articles.asp?ID=4696">https://www.revmaterialieplastic.ro/Articles.asp?ID=4696</a></p>   | 6 | 1,393 | NU         | 0,232 |

|    |  |   |       |            |       |
|----|--|---|-------|------------|-------|
| 9  | <p>Cecilia SÎRGHIE, Mihaela DOCHIA, Ioan VIFOR ISTOC, <b>Dorina CHAMBRE</b>, Lucian COPOLOVICI,<br/> A Comparison of a New Method Mediated by Molybdenum Complex with an Enzymatic Method for Bleaching Flax Fibers.<br/> <i>Journal of Natural Fibers</i>, (2015); <u>12(4):378-387</u>;<br/> <a href="https://doi.org/10.1080/15440478.2014.929557">https://doi.org/10.1080/15440478.2014.929557</a><br/> <a href="https://www.tandfonline.com/doi/abs/10.1080/15440478.2014.929557">https://www.tandfonline.com/doi/abs/10.1080/15440478.2014.929557</a></p>                                    | 5 | 1,252 | NU         | 0,250 |
| 10 | <p>Iolanda TOLAN, <b>Dorina-Rodica CHAMBRE</b><br/> Study of L-glutamic Acid Influence on the Thermal Behaviour of Native Wheat Starch<br/> <i>REV. CHIM.(Bucharest)</i>, (2015); <u>66(4):444-450</u>;<br/> <a href="https://revistadechimie.ro/RCRevChimie.asp">https://revistadechimie.ro/RCRevChimie.asp</a></p>   | 2 | 1,605 | DA<br>a.c. | 1,605 |
| 11 | <p>Marcel Ionel POPA, Silvia PERNEVAN, Cecilia SÎRGHIE, Iuliana SPIRIDON, <b>Dorina CHAMBRE</b>, Dana Maria COPOLOVICI, Niculina POPA,<br/> Mechanical Properties and Weathering Behavior of Polypropylene-Hemp Shives Composites.<br/> <i>Journal of Chemistry</i>, Volume 2013, Article ID 343068, 8 pages<br/> <a href="http://dx.doi.org/10.1155/2013/343068">http://dx.doi.org/10.1155/2013/343068</a><br/> <a href="https://www.hindawi.com/journals/jchem/2013/343068/">https://www.hindawi.com/journals/jchem/2013/343068/</a></p>   | 7 | 1,727 | NU         | 0,246 |
| 12 | <p><b>Dorina Rodica CHAMBRE</b>, Adina Maria BODESCU, Cecilia SÎRGHIE,<br/> Thermal decomposition of the oxo-diperoxo-molibdenum (VI)-potassium oxalate.<br/> <i>Journal of Thermal Analysis and Calorimetry</i>, (2013); <u>112(2):851-857</u>;<br/> <a href="http://doi-org-443.webvpn.fjmu.edu.cn/10.1007/s10973-012-2649-z">http://doi-org-443.webvpn.fjmu.edu.cn/10.1007/s10973-012-2649-z</a><br/> <a href="http://link.springer-com-443.webvpn.fjmu.edu.cn/article/10.1007%2Fs10973-012-2649-z">http://link.springer-com-443.webvpn.fjmu.edu.cn/article/10.1007%2Fs10973-012-2649-z</a></p> | 3 | 2,471 | DA         | 2,471 |
| 13 | <p>Maria Raluca SZABO, <b>Dorina CHAMBRE</b>, Comelia IDIȚOIU<br/> TG/DTG/DTA for the oxidation behavior characterization of vegetable and animal fats.<br/> <i>Journal of Thermal Analysis and Calorimetry</i>, (2012); <u>110(1):281-285</u>;<br/> <a href="https://doi.org/10.1007/s10973-012-2253-2">https://doi.org/10.1007/s10973-012-2253-2</a><br/> <a href="https://link.springer.com/article/10.1007/s10973-012-2253-2">https://link.springer.com/article/10.1007/s10973-012-2253-2</a></p>  | 3 | 2,471 | DA<br>a.c. | 2,471 |

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|----|---|---|-------|----|-------|
| 14 | <p>Maria Raluca SZABO, Dana RADU, Simona GAVRILAȘ, <b>Dorina CHAMBRE</b>, Cornelia IDIȚOIU,<br/> Antioxidant and antimicrobial properties of selected spice extracts.<br/> <i>International Journal of Food Properties</i>, (2010); <u>13(3):535-545</u>;<br/> <a href="https://doi.org/10.1080/10942910802713149">https://doi.org/10.1080/10942910802713149</a><br/> <a href="https://www.tandfonline.com/doi/full/10.1080/10942910802713149">https://www.tandfonline.com/doi/full/10.1080/10942910802713149</a></p> | 5 | 1,398 | NU | 0,279 |
| 15 | <p>Dumitru CONDRAT, Florin CRIȘAN, Maria Raluca SZABO, <b>Dorina Rodica CHAMBRE</b>,<br/> Alfa Xenia LUPEA<br/> Flavonoids in Angiospermatophyta and Spermatophyta species and their antioxidant activity.<br/> <i>REV. CHIM. (Bucharest)</i>, (2009); <u>60(11):1129-1134</u>;<br/> <a href="https://revistadechimie.ro/RCRevChimie.asp">https://revistadechimie.ro/RCRevChimie.asp</a></p>  | 5 | 1,605 | NU | 0,321 |
| 16 | <p><b>Dorina CHAMBRE</b>, Maria Raluca SZABO, Crișan POPESCU, Cornelia IDIȚOIU,<br/> Heterogeneous soft acid catalysis of the sucrose hydrolysis.<br/> <i>Journal of Thermal Analysis and Calorimetry</i>, (2008); <u>94(2):417-420</u>;<br/> <a href="https://doi.org/10.1007/s10973-008-9147-3">https://doi.org/10.1007/s10973-008-9147-3</a><br/> <a href="https://link.springer.com/article/10.1007/s10973-008-9147-3">https://link.springer.com/article/10.1007/s10973-008-9147-3</a></p>                        | 4 | 2,471 | DA | 2,471 |
| 17 | <p>Gheorhe HUTIU, <b>Dorina CHAMBRE</b>,<br/> Studies concerning the Elimination of Cd and As from Retrievable Sn-Sb based Antifriction Alloys;<br/> <i>REV. CHIM. (Bucharest)</i>, (2008); <u>59(5):550-553</u>;<br/> <a href="https://revistadechimie.ro/RCRevChimie.asp">https://revistadechimie.ro/RCRevChimie.asp</a></p>  | 2 | 1,605 | NU | 0,802 |
| 18 | <p>Maria Raluca SZABO, Cornelia IDIȚOIU, <b>Dorina CHAMBRE</b>, Alfa Xenia LUPEA<br/> Antiradical activity evaluation of some plants used in the Romanian cuisine;<br/> <i>International Journal of Food Properties</i>, (2008); <u>11(2):330-338</u>;<br/> <a href="https://doi.org/10.1080/10942910701376402">https://doi.org/10.1080/10942910701376402</a><br/> <a href="https://www.tandfonline.com/doi/full/10.1080/10942910701376402">https://www.tandfonline.com/doi/full/10.1080/10942910701376402</a></p>    | 4 | 1,398 | NU | 0,349 |
| 19 | <p>Maria Raluca SZABO, Cornelia IDIȚOIU, <b>Dorina CHAMBRE</b>, Alfa Xenia LUPEA,<br/> Improved DPPH Determination for Antioxidant Activity Spectrophotometric Assay;<br/> <i>Chemical Papaper</i>, (2007); <u>61(3):214-216</u>;<br/> <a href="https://doi.org/10.2478/s11696-007-0022-7">https://doi.org/10.2478/s11696-007-0022-7</a><br/> <a href="https://link.springer.com/article/10.2478/s11696-007-0022-7">https://link.springer.com/article/10.2478/s11696-007-0022-7</a></p>                               | 4 | 1,246 | NU | 0,311 |

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|----|--|---|-------|----|-------|
| 20 | <p><b>Dorina CHAMBRE</b>, Cornelia IDIȚOIU, Maria Raluca SZABO,<br/>The reaction conditions influence on sucrose acid hydrolysis studied by means of DSC method;<br/><i>Journal of Thermal Analysis and Calorimetry</i>, (2007); <u>88(3):681-686</u>;<br/><a href="https://doi.org/10.1007/s10973-006-8043-y">https://doi.org/10.1007/s10973-006-8043-y</a><br/><a href="https://link.springer.com/article/10.1007/s10973-006-8043-y">https://link.springer.com/article/10.1007/s10973-006-8043-y</a></p> | 3 | 2,471 | DA | 2,471 |
| 21 | <p><b>Dorina CHAMBRE</b>, Cornelia IDIȚOIU, Eugen SEGAL,<br/>Non-isothermal dehydration kinetics of acrylic ion-exchange resins;<br/><i>Journal of Thermal Analysis and Calorimetry</i>, (2007); <u>88(3):673-679</u>;<br/><a href="https://doi.org/10.1007/s10973-006-8042-z">https://doi.org/10.1007/s10973-006-8042-z</a><br/><a href="https://link.springer.com/article/10.1007/s10973-006-8042-z">https://link.springer.com/article/10.1007/s10973-006-8042-z</a></p>                                 | 3 | 2,471 | DA | 2,471 |
| 22 | <p><b>Dorina CHAMBRE</b>, Maria Raluca SZABO, Cornelia IDIȚOIU,<br/>DSC study of the sucrose hydrolysis kinetic on synthetic cationites 1. Carboxylic catalysts;<br/><i>REV. CHIM.(Bucharest)</i>, (2006); <u>57(6):594-597</u>;<br/><a href="https://revistadechimie.ro/Articles.asp?ID=1062">https://revistadechimie.ro/Articles.asp?ID=1062</a></p>   | 3 | 1,605 | DA | 1,605 |
| 23 | <p><b>Dorina CHAMBRE</b>, Cornelia IDIȚOIU, Eugen SEGAL, Attilio CESÀRO,<br/>The study of non-isothermal degradation of acrylic ion-exchange resins;<br/><i>Journal of Thermal Analysis and Calorimetry</i>, (2005); <u>82(3):803-811</u>;<br/><a href="https://doi.org/10.1007/s10973-005-0967-0">https://doi.org/10.1007/s10973-005-0967-0</a><br/><a href="https://link.springer.com/article/10.1007/s10973-005-0967-0">https://link.springer.com/article/10.1007/s10973-005-0967-0</a></p>             | 4 | 2,471 | DA | 2,471 |
| 24 | <p><b>Dorina CHAMBRE</b>, Cornelia IDIȚOIU, Petru BUDRUGEAC, Eugen SEGAL,<br/>Nonisothermal kinetic parameters of synthetic carboxylic cationites dehydration by means of isoconversional methods;<br/><i>REV. CHIM.(Bucharest)</i>, (2005); <u>56(5):502-507</u>;<br/><a href="https://revistadechimie.ro/Articles.asp?ID=645">https://revistadechimie.ro/Articles.asp?ID=645</a></p>   | 4 | 1,605 | DA | 1,605 |
| 25 | <p>Cornelia IDIȚOIU, Crișan.POPESCU, <b>Dorina CHAMBRE</b>,<br/>Non-Isothermal Dehydration Kinetics of Some Cationites;<br/><i>Journal of Thermal Analysis and Calorimetry</i>, (1999); <u>55(3):885-893</u>;<br/><a href="https://doi.org/10.1023/A:1010142102614">https://doi.org/10.1023/A:1010142102614</a><br/><a href="https://link.springer.com/article/10.1023/A:1010142102614">https://link.springer.com/article/10.1023/A:1010142102614</a></p>  | 3 | 2,471 | NU | 0,823 |

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|------------------------------|--|---|-------|------------|-------|
| 26                           | Cornelia IDIȚOIU, Eugen SEGAL, Dorina CHAMBREE,<br>Kinetics of non-isothermal behavior of synthetic cationites with low acidity;<br><i>Journal of Thermal. Analysis and Calorimetry</i> , (1999); 56(1):407-417;<br><a href="https://doi.org/10.1023/A:1010171222225">https://doi.org/10.1023/A:1010171222225</a><br><a href="https://link.springer.com/article/10.1023/A:1010171222225">https://link.springer.com/article/10.1023/A:1010171222225</a> | 3 | 2,471 | DA<br>a.c. | 2,471 |
| <b>TOTAL 26 lucrări ISI</b>  |  |   |       |            |       |
| <b>15 (13 cu FI peste 1)</b> |  |   |       |            |       |
| <b>34,633</b>                |  |   |       |            |       |

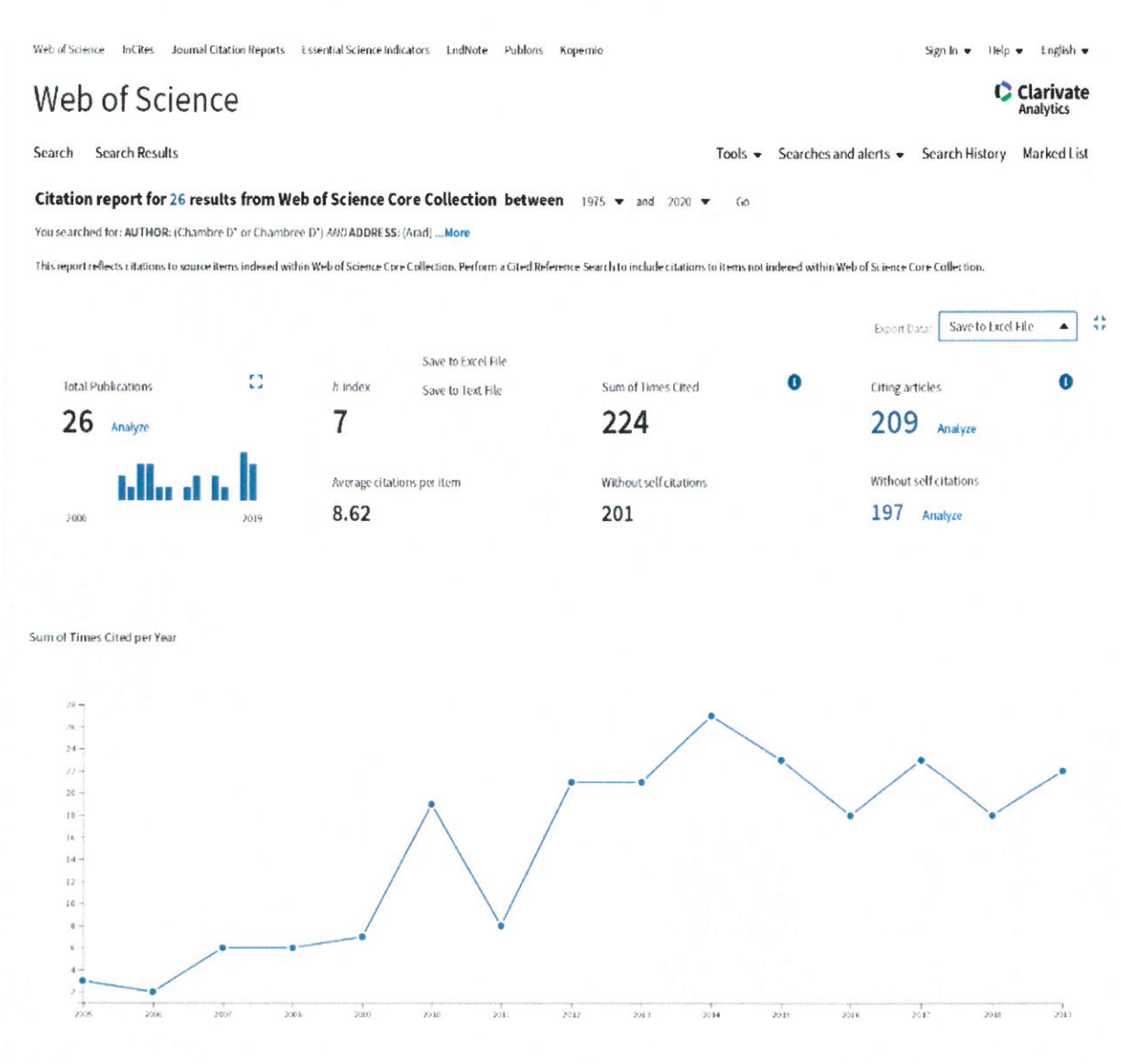
- \*Pentru articolele la care candidatul este autor principal ( prim autor sau autor de corespondență) factorul de impact nu a fost împărțit la numărul de autori

- a.c. – autor de corespondență

Indeplinirea criteriilor minimale:

| Criteriu | Minim pentru abilitare, profesor, CSI | Realizat                     |
|----------|---------------------------------------|------------------------------|
| NT       | 25                                    | 26                           |
| NP       | 10 (6 in reviste cu FI > 1)           | 15 (13 in reviste cu FI > 1) |
| FIC      | 20                                    | 34,633                       |
| NC       | 100                                   | 201                          |

# Număr de citari:



Arad,

23.02.2020

Conf.dr.ing. Dorina Rodica Chambre