

Articole ISI

| Nr. Crt. | Articol                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Factor impact | Quartil |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------|
| 1        | Matei, R.I.; Avramescu, S.M.; Baroi, A.M.; Fistos, T.; Fierascu, I.; Raduly, F.M.; Fierascu, R.C. REMOVAL OF PHENOL AND NON-STEROIDAL ANTI-INFLAMMATORY DRUGS FROM WATER MATRICES USING DOPED HYDROXYAPATITE. <i>UPB Scientific Bulletin, Series B: Chemistry and Materials Science</i> <b>2024</b> , <i>86</i> , 75-84.                                                                                                                                       | 0.3           | Q4      |
| 2        | Marin, M.M.; Biru, I.E.; Stavarache, C.E.; Avramescu, S.M.; Vasilievici, G.; Marinoiu, A.; Dumitru, M.; Devred, F.; Gaigneaux, E.M.; Verziu, M.N. Conversion of limonene to limonene diol over activated carbon supported Ti catalyst. <i>Biomass Conversion and Biorefinery</i> <b>2024</b> , doi:10.1007/s13399-024-05966-8.                                                                                                                                 | 3.5           | Q3      |
| 3        | Lupuliasa, A.I.; Prisada, R.M.; Matei, R.I.; Avramescu, S.M.; Vasile, B.Ú.; Fierascu, R.C.; Fierascu, I.; Voicu-Bălășea, B.; Meleşcanu Imre, M.; Pițuru, S.M.; et al. Development of Biologically Active Phytosynthesized Silver Nanoparticles Using Marrubium vulgare L. Extracts: Applications and Cytotoxicity Studies. <i>Nanomaterials</i> <b>2024</b> , <i>14</i> , doi:10.3390/nano14100895.                                                            | 4.4           | Q2      |
| 4        | Lupuliasa, A.I.; Baroi, A.M.; Avramescu, S.M.; Vasile, B.S.; Prisada, R.M.; Fierascu, R.C.; Fierascu, I.; Sărdărescu, D.I.; Ripszky Totan, A.; Voicu-Bălășea, B.; et al. Application of Common Culinary Herbs for the Development of Bioactive Materials. <i>Plants</i> <b>2024</b> , <i>13</i> , doi:10.3390/plants13070997.                                                                                                                                  | 4             | Q1      |
| 5        | Gheorghe, D.I.; Matei, E.; Avramescu, S.M. CORROSION INHIBITION OF MILD STEEL BY RHUS TYPHINA LEAF EXTRACT IN HCl SOLUTIONS. <i>UPB Scientific Bulletin, Series B: Chemistry and Materials Science</i> <b>2024</b> , <i>86</i> , 251-262.                                                                                                                                                                                                                      | 0.3           | Q4      |
| 6        | El Moujahed, S.; Errachidi, F.; Morosanu, A.M.; Abou Oualid, H.; Avramescu, S.M.; Dragoi Cudalbeanu, M.; Ouazzani Chahdi, F.; Kandri Rodi, Y.; Dinica, R.M. Sustainable Collagen Film Preparation with Tannins Extracted from Moroccan Pomegranate Byproduct Varieties: Thermal, Structural, and Nanoscaled Studies. <i>ACS Omega</i> <b>2024</b> , <i>9</i> , 27428-27437, doi:10.1021/acsomega.4c02321.                                                      | 3.7           | Q2      |
| 7        | Baroi, A.M.; Fierascu, I.; Ghizdareanu, A.I.; Trica, B.; Fistos, T.; Matei, R.I.; Fierascu, R.C.; Firinca, C.; Sardarescu, I.D.; Avramescu, S.M. Green Approach for Synthesis of Silver Nanoparticles with Antimicrobial and Antioxidant Properties from Grapevine Waste Extracts. <i>International Journal of Molecular Sciences</i> <b>2024</b> , <i>25</i> , doi:10.3390/ijms25084212.                                                                      | 4.9           | Q1      |
| 8        | Zongo, E.; Busuioc, A.; Meda, R.N.T.; Botezatu, A.V.; Mihaila, M.D.; Mocanu, A.M.; Avramescu, S.M.; Koama, B.K.; Kam, S.E.; Belem, H.; et al. Exploration of the Antioxidant and Anti-inflammatory Potential of Cassia sieberiana DC and Piliostigma thonningii (Schumach.) Milne-Redh, Traditionally Used in the Treatment of Hepatitis in the Hauts-Bassins Region of Burkina Faso. <i>Pharmaceuticals</i> <b>2023</b> , <i>16</i> , doi:10.3390/ph16010133. | 4.3           | Q2      |
| 9        | Voinea, I.C.; Alistar, C.F.; Banciu, A.; Popescu, R.G.; Voicu, S.N.; Nita-Lazar, M.; Vasile, G.G.; Gheorghe, S.; Croitoru, A.M.; Dolete, G.; et al. Snapshot of the pollution-driven metabolic and microbiota changes in Carassius gibelio from Bucharest leisure lakes. <i>Science of the Total Environment</i> <b>2023</b> , <i>884</i> , doi:10.1016/j.scitotenv.2023.163810.                                                                               | 8.2           | Q1      |
| 10       | Tofan, L.; Niță, V.; Nenciu, M.; Coatu, V.; Lazăr, L.; Damir, N.; Vasile, D.; Popoviciu, D.R.; Brotea, A.G.; Curtean-Bănăduc, A.M.; et al. Multiple Assays on Non-Target Organisms to Determine the Risk of Acute Environmental Toxicity in Tebuconazole-Based                                                                                                                                                                                                 | 3.9           | Q1      |

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|    | Fungicides Widely Used in the Black Sea Coastal Area. <i>Toxics</i> <b>2023</b> , <i>11</i> , doi:10.3390/toxics11070597.                                                                                                                                                                                                                                                                                                                           |     |    |
| 11 | Marchidan, I.G.; Ortan, A.; Marcu Spinu, S.; Avramescu, S.M.; Avram, I.; Fierascu, R.C.; Babeanu, N. Chemical Composition and Biological Properties of New Romanian Lavandula Species. <i>Antioxidants</i> <b>2023</b> , <i>12</i> , doi:10.3390/antiox12122127.                                                                                                                                                                                    | 6   | Q1 |
| 12 | Fierascu, I.C.; Fierascu, I.; Baroi, A.M.; Ungureanu, C.; Spinu, S.; Avramescu, S.M.; Somoghi, R.; Fierascu, R.C.; Dinu-Parvu, C.E. Phytosynthesis of Silver Nanoparticles Using Leonurus cardiaca L. Extracts. <i>Materials</i> <b>2023</b> , <i>16</i> , doi:10.3390/ma16093472.                                                                                                                                                                  | 6   | Q1 |
| 13 | Nica, A.V.; Olaru, E.A.; Bradu, C.; Dumitru, A.; Avramescu, S.M. Catalytic Ozonation of Ibuprofen in Aqueous Media over Polyaniline-Derived Nitrogen Containing Carbon Nanostructures. <i>Nanomaterials</i> <b>2022</b> , <i>12</i> , doi:10.3390/nano12193468.                                                                                                                                                                                     | 5.3 | Q2 |
| 14 | Lascu, I.; Tănase, A.M.; Jablonski, P.; Chiciudean, I.; Preda, M.I.; Avramescu, S.; Irgum, K.; Stoica, I. Revealing the Phenotypic and Genomic Background for PHA Production from Rapeseed-Biodiesel Crude Glycerol Using Photobacterium ganghwense C2.2. <i>International Journal of Molecular Sciences</i> <b>2022</b> , <i>23</i> , doi:10.3390/ijms232213754.                                                                                   | 5.6 | Q1 |
| 15 | Fierascu, I.C.; Fierascu, I.; Baroi, A.M.; Ungureanu, C.; Ortan, A.; Avramescu, S.M.; Somoghi, R.; Fierascu, R.C.; Dinu-Parvu, C.E. Phytosynthesis of Biological Active Silver Nanoparticles Using Echinacea purpurea L. Extracts. <i>Materials</i> <b>2022</b> , <i>15</i> , doi:10.3390/ma15207327.                                                                                                                                               | 4.6 | Q2 |
| 16 | El Moujahed, S.; Dinica, R.M.; Cudalbeanu, M.; Avramescu, S.M.; Ayam, I.M.; Chahdi, F.O.; Rodi, Y.K.; Errachidi, F. Characterizations of Six Pomegranate (Punica granatum L.) Varieties of Global Commercial Interest in Morocco: Pomological, Organoleptic, Chemical and Biochemical Studies. <i>Molecules</i> <b>2022</b> , <i>27</i> , doi:10.3390/molecules27123847.                                                                            | 4.6 | Q2 |
| 17 | Domnariu, H.; Postolache, C.; Avramescu, S.; Lăcătușu, A.R.; Partal, E. Long term effects of tillage and fertilization upon microbiota of a Romanian Chernozem under maize monoculture. <i>Geoderma Regional</i> <b>2022</b> , <i>28</i> , doi:10.1016/j.geodrs.2021.e00463.                                                                                                                                                                        | 3.1 | Q2 |
| 18 | Corbu, V.M.; Gheorghe-Barbu, I.; Marinas, I.C.; Avramescu, S.M.; Pecete, I.; Geană, E.I.; Chifiriuc, M.C. Eco-Friendly Solution Based on Rosmarinus officinalis Hydro-Alcoholic Extract to Prevent Biodeterioration of Cultural Heritage Objects and Buildings. <i>International Journal of Molecular Sciences</i> <b>2022</b> , <i>23</i> , doi:10.3390/ijms231911463.                                                                             | 4.9 | Q2 |
| 19 | Balanescu, F.; Busuioc, A.C.; Botezatu, A.V.D.; Gosav, S.; Avramescu, S.M.; Furdui, B.; Dinica, R.M. Comparative Study of Natural Antioxidants from Glycine max, Anethum graveolens and Pimpinella anisum Seed and Sprout Extracts Obtained by Ultrasound-Assisted Extraction. <i>Separations</i> <b>2022</b> , <i>9</i> , doi:10.3390/separations9060152.                                                                                          | 2.5 | Q3 |
| 20 | Avramescu, S.M.; Fierascu, I.; Fierascu, R.C.; Brazdis, R.I.; Nica, A.V.; Butean, C.; Olaru, E.A.; Ulinici, S.; Verziu, M.N.; Dumitru, A. Removal of Paracetamol from Aqueous Solutions by Photocatalytic Ozonation over TiO <sub>2</sub> -MexOy Thin Films. <i>Nanomaterials</i> <b>2022</b> , <i>12</i> , doi:10.3390/nano12040613.                                                                                                               | 5.3 | Q2 |
| 21 | Avramescu, S.; Ene, C.D.; Ciobanu, M.; Schnee, J.; Devred, F.; Bucur, C.; Vasile, E.; Colaciello, L.; Richards, R.; Gaigneaux, E.M.; et al. Nanocrystalline rhenium-doped TiO <sub>2</sub> : An efficient catalyst in the one-pot conversion of carbohydrates into levulinic acid. the synergistic effect between Brønsted and Lewis acid sites. <i>Catalysis Science and Technology</i> <b>2022</b> , <i>12</i> , 167-180, doi:10.1039/d1cy01450a. | 5   | Q2 |
| 22 | Ungureanu, C.; Fierascu, I.; Fierascu, R.C.; Costea, T.; Avramescu, S.M.; Călinescu, M.F.; Somoghi, R.; Pirvu, C. In vitro and in vivo evaluation of silver nanoparticles                                                                                                                                                                                                                                                                           | 3.7 | Q2 |

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|    | phytosynthesized using raphanus sativus l. Waste extracts. <i>Materials</i> <b>2021</b> , <i>14</i> , doi:10.3390/ma14081845.                                                                                                                                                                                                                                              |       |    |
| 23 | Popescu, R.G.; Avramescu, S.; Marin, D.E.; Țăranu, I.; Georgescu, S.E.; Dinischiotu, A. The reduction of the combined effects of aflatoxin and ochratoxin a in piglet livers and kidneys by dietary antioxidants. <i>Toxins</i> <b>2021</b> , <i>13</i> , doi:10.3390/toxins13090648.                                                                                      | 5.075 | Q2 |
| 24 | Lascu, I.; Mereuță, I.; Chiciudean, I.; Hansen, H.; Avramescu, S.M.; Tănase, A.M.; Stoica, I. Complete genome sequence of Photobacterium ganghwense C2.2: A new polyhydroxyalkanoate production candidate. <i>MicrobiologyOpen</i> <b>2021</b> , <i>10</i> , doi:10.1002/mbo3.1182.                                                                                        | 3.9   | Q2 |
| 25 | Ghinea, I.O.; Ionica Mihaila, M.D.; Blaga, G.V.; Avramescu, S.M.; Cudalbeanu, M.; Isticioaia, S.F.; Dinica, R.M.; Furdui, B. Hplc-dad polyphenolic profiling and antioxidant activities of sorghum bicolor during germination. <i>Agronomy</i> <b>2021</b> , <i>11</i> , doi:10.3390/agronomy11030417.                                                                     | 3.9   | Q1 |
| 26 | Fierascu, I.; Ditu, L.M.; Sutan, A.N.; Drăghiceanu, O.A.; Fierascu, R.C.; Avramescu, S.M.; Lungulescu, E.M.; Nicula, N.; Soare, L.C. Influence of gamma irradiation on the biological properties of Asplenium scolopendrium L. hydroalcoholic extracts. <i>Radiation Physics and Chemistry</i> <b>2021</b> , <i>181</i> , doi:10.1016/j.radphyschem.2020.109175.           | 2.8   | Q3 |
| 27 | Cudalbeanu, M.; Peitinho, D.; Silva, F.; Marques, R.; Pinheiro, T.; Ferreira, A.C.; Marques, F.; Paulo, A.; Soeiro, C.F.; Sousa, S.A.; et al. Sono-biosynthesis and characterization of aunps from danube delta nymphaea alba root extracts and their biological properties. <i>Nanomaterials</i> <b>2021</b> , <i>11</i> , doi:10.3390/nano11061562.                      | 4.4   | Q2 |
| 28 | Brazdis, R.I.; Fierascu, I.; Avramescu, S.M.; Fierascu, R.C. Recent progress in the application of hydroxyapatite for the adsorption of heavy metals from water matrices. <i>Materials</i> <b>2021</b> , <i>14</i> , doi:10.3390/ma14226898.                                                                                                                               | 2.7   | Q2 |
| 29 | Petrescu, S.; Avramescu, S.; Musuc, A.M.; Neatu, F.; Florea, M.; Ionita, P. Crown-ether functionalized graphene oxide for metal ions sequestration. <i>Materials Research Bulletin</i> <b>2020</b> , <i>122</i> , doi:10.1016/j.materresbull.2019.110643.                                                                                                                  | 4.09  | Q2 |
| 30 | Negut, I.; Grumezescu, V.; Grumezescu, A.M.; Bîrcă, A.C.; Holban, A.M.; Urzica, I.; Avramescu, S.M.; Gălățeanu, B.; Hudîță, A. Nanostructured thin coatings containing anthriscus sylvestris extract with dual bioactivity. <i>Molecules</i> <b>2020</b> , <i>25</i> , doi:10.3390/molecules25173866.                                                                      | 2.8   | Q2 |
| 31 | Fierascu, I.; Dima, S.O.; Avramescu, S.M.; Caloian, F.; Fierascu, R.C. Facile removal of pesticides from aqueous solutions using magnetic nanocomposites II. Adsorption experiments and kinetic study. <i>Revista de Chimie</i> <b>2020</b> , <i>71</i> , 213-219, doi:10.37358/RC.20.1.7834.                                                                              | 1.75  | Q3 |
| 32 | Chokki, M.; Cudalbeanu, M.; Zongo, C.; Dah-Nouvlessounon, D.; Ghinea, I.O.; Furdui, B.; Raclea, R.; Savadogo, A.; Baba-Moussa, L.; Avamescu, S.M.; et al. Exploring antioxidant and enzymes (A-Amylase and B-Glucosidase) inhibitory activity of morinda lucida and momordica charantia leaves from benin. <i>Foods</i> <b>2020</b> , <i>9</i> , doi:10.3390/foods9040434. | 4.3   | Q1 |
| 33 | Balanescu, F.; Mihaila, M.D.I.; Cârâc, G.; Furdui, B.; Vîțătoru, C.; Avramescu, S.M.; Lisa, E.L.; Cudalbeanu, M.; Dinica, R.M. Flavonoid profiles of two new approved romanian ocimum hybrids. <i>Molecules</i> <b>2020</b> , <i>25</i> , doi:10.3390/molecules25194573.                                                                                                   | 4.4   | Q2 |
| 34 | Avramescu, S.M.; Butean, C.; Popa, C.V.; Ortan, A.; Moraru, I.; Temocico, G. Edible and functionalized films/coatings-performances and perspectives. <i>Coatings</i> <b>2020</b> , <i>10</i> , doi:10.3390/coatings10070687.                                                                                                                                               | 2.8   | Q2 |

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| 35 | Avramescu, S.; Petrescu, S.; Culita, D.C.; Tudose, M.; Hanganu, A.; Zarafu, I.; Ionita, P. A mixed organic functionalized silica-graphene oxide as advanced material for pollutant removal. <i>Journal of Nanoparticle Research</i> <b>2020</b> , <i>22</i> , doi:10.1007/s11051-020-04935-2.                                                                                                                                                                                | 2.1  | Q3 |
| 36 | Sutan, N.A.; Vilcoci, D.S.; Fierascu, I.; Neblea, A.M.; Sutan, C.; Ducu, C.; Soare, L.C.; Negrea, D.; Avramescu, S.M.; Fierascu, R.C. Influence of the Phytosynthesis of Noble Metal Nanoparticles on the Cytotoxic and Genotoxic Effects of Aconitum toxicum Reichenb. Leaves Alcoholic Extract. <i>Journal of Cluster Science</i> <b>2019</b> , <i>30</i> , 647-660, doi:10.1007/s10876-019-01524-9.                                                                       | 2.7  | Q2 |
| 37 | Fierascu, R.C.; Ortan, A.; Avramescu, S.M.; Fierascu, I. Phyto-nanocatalysts: Green syntheses is characterization, and applications. <i>Molecules</i> <b>2019</b> , <i>24</i> , doi:10.3390/molecules24193418.                                                                                                                                                                                                                                                               | 4.4  | Q2 |
| 38 | Fierascu, R.C.; Fierascu, I.; Avramescu, S.M.; Sieniawska, E. Recovery of natural antioxidants from agro-industrial side streams through advanced extraction techniques. <i>Molecules</i> <b>2019</b> , <i>24</i> , doi:10.3390/molecules24234212.                                                                                                                                                                                                                           | 3.2  | Q2 |
| 39 | Sutan, N.A.; Manolescu, D.S.; Fierascu, I.; Neblea, A.M.; Sutan, C.; Ducu, C.; Soare, L.C.; Negrea, D.; Avramescu, S.M.; Fierascu, R.C. Phytosynthesis of gold and silver nanoparticles enhance in vitro antioxidant and mitostimulatory activity of Aconitum toxicum Reichenb. rhizomes alcoholic extracts. <i>Materials Science and Engineering C</i> <b>2018</b> , <i>93</i> , 746-758, doi:10.1016/j.msec.2018.08.042.                                                   | 5.8  | Q1 |
| 40 | Fierascu, R.C.; Georgiev, M.I.; Fierascu, I.; Ungureanu, C.; Avramescu, S.M.; Ortan, A.; Georgescu, M.I.; Sutan, A.N.; Zangfirescu, A.; Dinu-Pirvu, C.E.; et al. Mitodepressive, antioxidant, antifungal and anti-inflammatory effects of wild-growing Romanian native Arctium lappa L. (Asteraceae) and Veronica persica Poir (Plantaginaceae). <i>Food and Chemical Toxicology</i> <b>2018</b> , <i>111</i> , 44-52, doi:10.1016/j.fct.2017.11.008.                        | 3.77 | Q1 |
| 41 | Fierascu, I.; Ungureanu, C.; Avramescu, S.M.; Cimpeanu, C.; Georgescu, M.I.; Fierascu, R.C.; Ortan, A.; Sutan, A.N.; Anuta, V.; Zangfirescu, A.; et al. Genoprotective, antioxidant, antifungal and anti-inflammatory evaluation of hydroalcoholic extract of wild-growing Juniperus communis L. (Cupressaceae) native to Romanian southern sub-Carpathian hills. <i>BMC Complementary and Alternative Medicine</i> <b>2018</b> , <i>18</i> , doi:10.1186/s12906-017-2066-8. | 2.4  | Q1 |
| 42 | Fierascu, I.; Fierascu, R.C.; Somoghi, R.; Ion, R.M.; Moanta, A.; Avramescu, S.M.; Damian, C.M.; Ditu, L.M. Tuned apatitic materials: Synthesis, characterization and potential antimicrobial applications. <i>Applied Surface Science</i> <b>2018</b> , <i>438</i> , 127-135, doi:10.1016/j.apsusc.2017.08.087.                                                                                                                                                             | 5.1  | Q1 |
| 43 | Fierascu, I.; Georgiev, M.I.; Ortan, A.; Fierascu, R.C.; Avramescu, S.M.; Ionescu, D.; Sutan, A.; Brinzan, A.; Ditu, L.M. Phyto-mediated metallic nano-architectures via Melissa officinalis L.: Synthesis, characterization and biological properties. <i>Scientific Reports</i> <b>2017</b> , <i>7</i> , doi:10.1038/s41598-017-12804-7.                                                                                                                                   | 4.12 | Q1 |
| 44 | Fierascu, I.; Avramescu, S.M.; Petreanu, I.; Marinoiu, A.; Soare, A.; Nica, A.; Fierascu, R.C. Efficient removal of phenol from aqueous solutions using hydroxyapatite and substituted hydroxyapatites. <i>Reaction Kinetics, Mechanisms and Catalysis</i> <b>2017</b> , <i>122</i> , 155-175, doi:10.1007/s11144-017-1197-8.                                                                                                                                                | 1.5  | Q4 |
| 45 | Fierascu, I.; Avramescu, S.M.; Fierascu, R.C.; Ortan, A.; Vasilievici, G.; Cimpeanu, C.; Ditu, L.M. Micro-analytical and microbiological investigation of selected book papers from the nineteenth century. <i>Journal of Thermal Analysis and Calorimetry</i> <b>2017</b> , <i>129</i> , 1377-1387, doi:10.1007/s10973-017-6370-9.                                                                                                                                          | 2.2  | Q2 |

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| 46 | Florea, A.M.; Iordache, T.V.; Branger, C.; Ghiurea, M.; Avramescu, S.; Hubca, G.; Sârbu, A. An innovative approach to prepare hypericin molecularly imprinted pearls using a "phyto-template". <i>Talanta</i> <b>2016</b> , <i>148</i> , 37-45, doi:10.1016/j.talanta.2015.10.061.                                                                                                                                                                           | 4.1  | Q1 |
| 47 | Fierascu, R.C.; Padure, I.M.; Avramescu, S.M.; Ungureanu, C.; Bunghez, R.I.; Ortan, A.; Dinu-Pirvu, C.; Fierascu, I.; Soare, L.C. Preliminary assessment of the antioxidant, antifungal and germination inhibitory potential of heracleum sphondylium L. (Apiaceae). <i>Farmacia</i> <b>2016</b> , <i>64</i> , 403-408.                                                                                                                                      | 1.38 | Q4 |
| 48 | Fierascu, R.C.; Avramescu, S.M.; Vasilievici, G.; Fierascu, I.; Paunescu, A. Thermal and spectroscopic investigation of Romanian historical documents from the nineteenth and twentieth century. <i>Journal of Thermal Analysis and Calorimetry</i> <b>2016</b> , <i>123</i> , 1309-1318, doi:10.1007/s10973-015-5089-8.                                                                                                                                     | 1.93 | Q2 |
| 49 | Ortan, A.; Fierascu, I.; Ungureanu, C.; Fierascu, R.C.; Avramescu, S.M.; Dumitrescu, O.; Dinu-Pirvu, C.E. Innovative phytosynthesized silver nanoarchitectures with enhanced antifungal and antioxidant properties. <i>Applied Surface Science</i> <b>2015</b> , <i>358</i> , 540-548, doi:10.1016/j.apsusc.2015.07.160.                                                                                                                                     | 3.1  | Q1 |
| 50 | Fierascu, I.; Ungureanu, C.; Avramescu, S.M.; Fierascu, R.C.; Ortan, A.; Soare, L.C.; Paunescu, A. In Vitro Antioxidant and Antifungal Properties of Achillea millefolium L. <i>Romanian Biotechnological Letters</i> <b>2015</b> , <i>20</i> , 10626-10636.                                                                                                                                                                                                 | 0.7  | Q4 |
| 51 | Fierascu, I.; Ion, R.M.; Radu, M.; Dima, S.O.; Bunghez, I.R.; Avramescu, S.M.; Fierascu, R.C. Comparative study of antifungal effect of natural extracts and essential oils of ocimum basilicum on selected artefacts. <i>Revue Roumaine de Chimie</i> <b>2014</b> , <i>59</i> , 207-211.                                                                                                                                                                    | 0.4  | Q4 |
|    | Charles, J.; Crini, G.; Morin-Crini, N.; Badot, P.M.; Trunfio, G.; Sancey, B.; De Carvalho, M.; Bradu, C.; Avramescu, S.; Winterton, P.; et al. Advanced oxidation (UV-ozone) and cyclodextrin sorption: Effects of individual and combined action on the chemical abatement of organic pollutants in industrial effluents. <i>Journal of the Taiwan Institute of Chemical Engineers</i> <b>2014</b> , <i>45</i> , 603-608, doi:10.1016/j.jtice.2013.06.023. | 3    | Q1 |
| 52 | Bunghez, I.R.; Avramescu, S.M.; Marian, N.; Georgeta, R.; Rodica-Mariana, I. Obtaining of carotenoid extract from Lycium Chinense and characterization using spectrometrical analysis. <i>Digest Journal of Nanomaterials and Biostructures</i> <b>2012</b> , <i>7</i> , 523-528.                                                                                                                                                                            | 1    | Q4 |
| 53 | Ruta, L.; Paraschivescu, C.; Matache, M.; Avramescu, S.; Farcasanu, I.C. Removing heavy metals from synthetic effluents using "kamikaze" <i>Saccharomyces cerevisiae</i> cells. <i>Applied Microbiology and Biotechnology</i> <b>2010</b> , <i>85</i> , 763-771, doi:10.1007/s00253-009-2266-3.                                                                                                                                                              | 3.2  | Q2 |
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