



January-December 2020



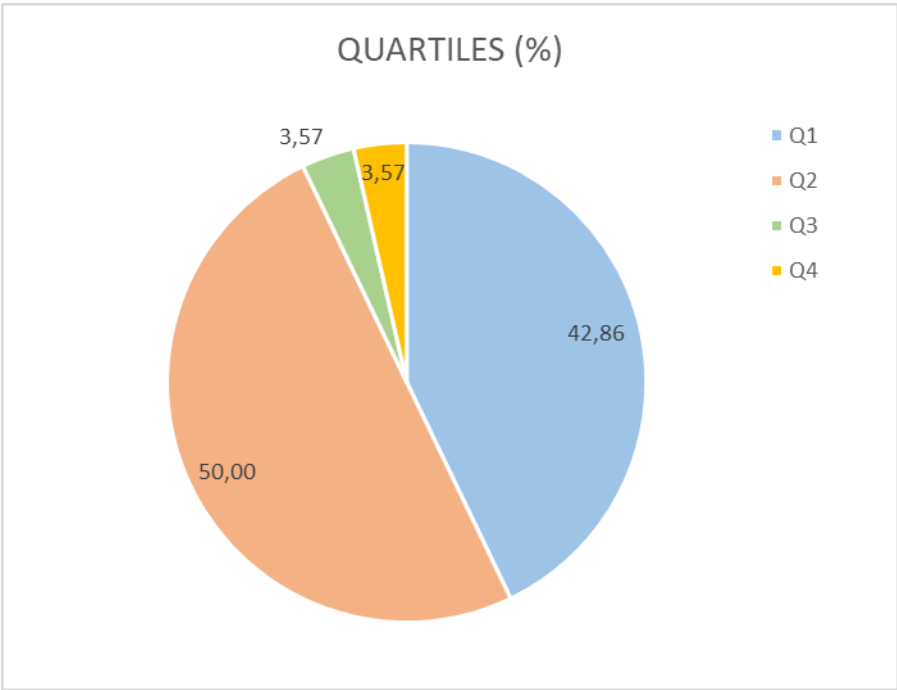
DDS PUBLICATIONS

## SUMMARY OF THE DDS 2020 SCIENTIFIC PRODUCTION

Table 1. 2020 scientific production (articles, reviews and editorials) of DDS.

| <b>Scientific production</b>                                |                                            |
|-------------------------------------------------------------|--------------------------------------------|
| N. research articles                                        | 91                                         |
| N. reviews                                                  | 17                                         |
| N. editorials                                               | 4                                          |
| N. book chapters                                            | /                                          |
| <b>Quartile</b>                                             | <b>N. articles, reviews and editorials</b> |
| Q1                                                          | 48                                         |
| Q2                                                          | 56                                         |
| Q3                                                          | 4                                          |
| Q4                                                          | 4                                          |
| NA                                                          | /                                          |
| tot Q/NA                                                    | 112                                        |
| <b>5 year Impact factor</b>                                 |                                            |
| <b>N. articles, reviews and editorials with a 5 year IF</b> | 111                                        |
| <b>5 year IF (mean)</b>                                     | ~5.575 (sui 113)                           |
| <b>N. Corresponding authors / last name of UniPv DDS</b>    |                                            |
| 60                                                          |                                            |
| <b>N. First authors of UniPv DDS</b>                        |                                            |
| 39                                                          |                                            |

Figure 1. 2020 scientific production (articles, reviews and editorials) of DDS according to journal quantile.



**LIST OF ARTICLES AND REVIEWS**

Only papers and reviews on international peer reviewed journals listed in the international databases or found by using the digital object identification (doi) number.

Bibliometry: 5 year IF and journal ranking were derived from the ISI Web of Science database.

\*If the journal was not listed by ISI, the 5 year IF was derived from the website of the journal and the ranking from SCImago. \*\* If the 5 year IF was not available, IF (2019) was reported.

N.A.: not available.

The corresponding author is underlined in the text



## Research articles

| N. | SSD involved       | Reference (alphabetical order according to the first author)                                                                                                                                                                                                                                                                                                                                                 | I.F.<br>(5 years)<br>JCR<br>2020 | Q<br>JCR 2020 by JIF |
|----|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------|
| 1  | CHIM/09<br>CHIM/02 | Airoldi, L., Anselmi-Tamburini, U., Vigani, B., Rossi, S., Mustarelli, P., <u>Quartarone, E.</u> , Additive manufacturing of aqueous-processed LiMn2O4 thick electrodes for high-energy-density lithium-ion batteries, <i>Batteries &amp; Supercaps</i> , 2020, 3(10), 1040-1050, DOI: 10.1002/batt.202000058.                                                                                               | 7,093                            | Q2                   |
| 2  | CHIM/09<br>MED/07  | Bari, E., Di Silvestre, D., Mastracci, L., Grillo, F., Grisoli, P., Marrubini, G., Nardini, M., Mastrogiacomo, M., Sorlini, M., Rossi, R., <u>Torre, M.L.</u> , Mauri, P., Sesana, G., Perteghella, S. GMP-compliant sponge-like dressing containing MSC lyo-secretome: Proteomic network of healing in a murine wound model. <i>Eur J Pharm Biopharm.</i> 2020; 155:37-48. DOI: 10.1016/j.ejpb.2020.08.003. | 6,076                            | Q1                   |
| 3  | CHIM/09            | Bari, E., Ferrarotti, I., Saracino, L., Perteghella, S., <u>Torre, M.L.</u> , Corsico, A.G. Mesenchymal Stromal Cell Secretome for Severe COVID-19 Infections: Premises for the Therapeutic Use. <i>Cells.</i> 2020; 9(4):924. DOI: 10.3390/cells9040924.                                                                                                                                                    | 6,663                            | Q2                   |
| 4  | CHIM/08<br>CHIM/11 | Bavaro, T., Benucci, I., Pedrali, A., Marrubini, G., Esti, M., Terreni, M., Massolini, G., <u>Ubiali, D.</u> Lipase- mediated hydrolysis of hempseed oil in a packed-bed reactor and in-line purification of PUFA as mono- and diacylglycerols, <i>Food and Bioproducts Processing</i> , 2020; 123:345-353. DOI: 10.1016/j.fbp.2020.07.009.                                                                  | 4,547                            | Q2                   |
| 5  | CHIM/08            | Benucci, I., Caso, M.C., Bavaro, T., Masci, S., Keršienė, M., Esti, M. Prolyl endopeptidase from <i>Aspergillus niger</i> immobilized on a food-grade carrier for the production of gluten-reduced beer, <i>Food Control</i> , 2020; 110:106987. DOI: 10.1016/j.foodcont.2019.106987.                                                                                                                        | 5,498                            | Q1                   |
| 6  | CHIM/06<br>CHIM/08 | Bernardi, E., Colombo, L., De Lorenzi, E., Carraro, M., <u>Serra, M.</u> One-Pot Preparation of Functionalized Azabicyclo[6.3.0]alkanone Amino Acids by Tandem Cross Enyne Metathesis/Ring-Closing Metathesis, <i>European Journal of Organic Chemistry</i> , 2020; 24:3568-3575. DOI: 10.1002/ejoc.202000231.                                                                                               | 2,790                            | Q2                   |
| 7  | CHIM/09<br>CHIM/03 | <u>Bertoglio F.</u> , De Vita L., D'Agostino A., Fernandez Y.D., Falqui A., Casu A., Merli D., Milanese C., Rossi S., Taglietti A., Visai L., <u>Pallavicini P.</u> , Increased antibacterial and antibiofilm properties of silver nanoparticles using silver fluoride as precursor, <i>Molecules</i> , 2020; 25(15) 3494. DOI: 10.3390/molecules25153494.                                                   | 4,588                            | Q2                   |

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| 8  | CHIM/10            | <u>Bouslama, L.</u> , Benzekri, R., Nsaibia, S., Papetti, A., Limam, F. Identification of an antiviral compound isolated from Pistacia lentiscus, Archives of Microbiology, 2020; 202(9):2569-2578. DOI: 10.1007/s00203-020-01980-2.                                                                                                                                                                                                                                                 | 2,475 | Q3 |
| 9  | CHIM/09            | <u>Bruni, G.</u> , Monteforte, F., Maggi, L., Friuli, V., Ferrara, C., Mustarelli, P., Girella, A., Berbenni, V., Capsoni, D., Milanese, C., Marini, A. Probenecid and benzamide: cocrystal prepared by a green method and its physico-chemical and pharmaceutical characterization, Journal of Thermal Analysis and Calorimetry, 2020; 140(4):1859-1869. DOI: 10.1007/s10973-019-09197-2.                                                                                           | 3,458 | Q2 |
| 10 | CHIM/08<br>CHIM/11 | Bruni, M., Robescu, M.S., Ubiali, D., Marrubini, G., Vanna, R., Morasso, C., Benucci, I., Speranza, G., <u>Bavaro, T.</u> Immobilization of $\gamma$ -Glutamyl Transpeptidase from Equine Kidney for the Synthesis of kokumi Compounds, Chemcatchem, 2020; 12(1):210-218. DOI: 10.1002/cctc.201901464.                                                                                                                                                                               | 5,329 | Q2 |
| 11 | CHIM/01            | Cantalupi, A., Maraschi, F., Pretali, L., Albini, A., Nicolis, S., Ferri, E.N., Profumo, A., Speltini, A., <u>Sturini, M.</u> Glucocorticoids in Freshwaters: Degradation by Solar Light and Environmental Toxicity of the Photoproducts, International Journal of Environmental Research and Public Health. 2020; 17(23):8717. DOI: 10.3390/ijerph17238717.                                                                                                                         | 3,789 | Q2 |
| 12 | CHIM/08            | Capelli, D., Parravicini, C., Pochetti, G., Montanari, R., Temporini, C., Rabuffetti, M., Trincavelli, M.L., Daniele, S., Fumagalli, M., Saporiti, S., Bonfanti, E., Abbracchio, M.P., Eberini, I., Ceruti, S., <u>Calleri, E.</u> , <u>Capaldi, S.</u> Surface Plasmon Resonance as a Tool for Ligand Binding Investigation of Engineered GPR17 Receptor, a G Protein Coupled Receptor Involved in Myelination, Frontiers in Chemistry, 2020; 7:910. DOI: 10.3389/fchem.2019.00910. | 5,385 | Q2 |
| 13 | CHIM/09            | Cassano, R., <u>Trapani, A.</u> , Di Gioia, M.L., Mandracchia, D., Pellitteri, R., Tripodo, G., Trombino, S., <u>Di Gioia, S.</u> , Conese, M. Synthesis and characterization of novel chitosan-dopamine or chitosan-tyrosine conjugates for potential nose-to-brain delivery, International Journal of Pharmaceutics, 2020; 589:119829. DOI: 10.1016/j.ijpharm.2020.119829.                                                                                                         | 5,423 | Q1 |
| 14 | BIO/14             | Catanzaro, M., Lanni, C., Basagni, F., Rosini, M., Govoni, S., <u>Amadio, M.</u> Eye-Light on Age-Related Macular Degeneration: Targeting Nrf2-Pathway as a Novel Therapeutic Strategy for Retinal Pigment Epithelium. Front Pharmacol. 2020;11:844. DOI: 10.3389/fphar.2020.00844.                                                                                                                                                                                                  | 6,005 | Q1 |
| 15 | CHIM/09<br>CHIM/08 | Catenacci, L., Marrubini, G., Sorrenti, M., Rossi, S., Sandri, G., Ferrari, F., Fagnani, V., Valentino, C., <u>Bonferoni, M.C.</u> Design of Experiments-Assisted Development of Clotrimazole-Loaded Ionic Polymeric Micelles Based on Hyaluronic Acid. Nanomaterials. 2020; 10(4):635. DOI: 10.3390/nano10040635.                                                                                                                                                                   | 5,346 | Q2 |

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| 16 | CHIM/09 | Catenacci, L., <u>Sorrenti, M.</u> , Bonferoni, M.C., Hunt, L., <u>Caira, M.R.</u> Inclusion of the Phytoalexin trans- Resveratrol in Native Cyclodextrins: A Thermal, Spectroscopic, and X-Ray Structural Study. <i>Molecules</i> . 2020; 25(4):998. DOI: 10.3390/molecules25040998.                                                                                                                              | 4,588 | Q2 |
| 17 | CHIM/09 | Catenacci, L., Sorrenti, M., Perteghella, S., Mandracchia, D., Torre, M.L., Trapani, A., Milanese, C., <u>Tripodo, G.</u> Combination of inulin and beta-cyclodextrin properties for colon delivery of hydrophobic drugs, <i>International Journal of Pharmaceutics</i> , 2020; 589:119861. DOI: 10.1016/j.ijpharm.2020.119861.                                                                                    | 5,423 | Q1 |
| 18 | CHIM/08 | Cavalloro, V., Russo, K., <u>Vasile, F.</u> , Pignataro, L., Torretta, A., Donini, S., Semrau, M.S., Storici, P., Rossi, D., Rapetti, F., Brullo, C., Parisini, E., Bruno, O., <u>Collina, S.</u> Insight into GEBR-32a: Chiral Resolution, Absolute Configuration and Enantiopreference in PDE4D Inhibition. <i>Molecules</i> . 2020; 25(4):935. DOI: 10.3390/molecules25040935.                                  | 4,588 | Q2 |
| 19 | CHIM/09 | Chiesa, E., Dorati, R., Pisani, S., Bruni, G., Rizzi, L.G., Conti, B., Modena, T., <u>Genta, I.</u> Graphene Nanoplatelets for the Development of Reinforced PLA– PCL Electrospun Fibers as the Next-Generation of Biomedical Mats. <i>Polymers</i> . 2020; 12(6):1390. DOI: 10.3390/polym12061390.                                                                                                                | 4,493 | Q1 |
| 20 | CHIM/09 | Chiesa, E., Riva, F., Dorati, R., Greco, A., Ricci, S., Pisani, S., Patrini, M., Modena, T., Conti, B., <u>Genta, I.</u> On-Chip Synthesis of Hyaluronic Acid-Based Nanoparticles for Selective Inhibition of CD44+ Human Mesenchymal Stem Cell Proliferation. <i>Pharmaceutics</i> 2020, 12, 260. DOI: 10.3390/pharmaceutics12030260.                                                                             | 6,734 | Q1 |
| 21 | CHIM/09 | Cicognani, M., <u>Rossi, S.</u> , Vecchi, G., Giori, A.M., Ferrari, F. DoE-Assisted Development of a Novel Glycosaminoglycan-Based Injectable Formulation for Viscosupplementation. <i>Pharmaceutics</i> . 2020; 12(7):681. DOI: 10.3390/pharmaceutics12070681.                                                                                                                                                    | 6,734 | Q1 |
| 22 | CHIM/08 | <u>Cortesi, M.</u> , Zamagni, A., Pignatta, S., Zanoni, M., Arienti, C., Rossi, D., Collina, S., <u>Tesei, A.</u> Pan-Sigma Receptor Modulator RC-106 Induces Terminal Unfolded Protein Response In In Vitro Pancreatic Cancer Model. <i>International Journal of Molecular Sciences</i> . 2020; 21(23):9012. DOI: 10.3390/ijms21239012.                                                                           | 6,132 | Q1 |
| 23 | CHIM/08 | Della Volpe, S., Listro, R., Paraforiti, M., Di Giacomo, M., Rossi, D., Ambrosio, F.A., <u>Costa, G.</u> , Alcaro, S., Ortuso, F., Hirsch, A.K.H., <u>Vasile, F.</u> , <u>Collina, S.</u> BOPC1 Enantiomers Preparation and HuR Interaction Study. From Molecular Modeling to a Curious DEEP-STD NMR Application, <i>ACS Medicinal Chemistry Letters</i> , 2020; 11(5):883-888. DOI: 10.1021/acsmchemlett.9b00659. | 4,273 | Q1 |
| 24 | BIO/14  | De Nuccio, C., Bernardo, A., Troiano, C., Brignone, M.S., Falchi, M., Greco, A., Rosini, M., Basagni, F., Lanni, C., Serafini, M.M., Minghetti, L., <u>Visentin, S.</u> NRF2 and PPAR- $\gamma$ Pathways in Oligodendrocyte Progenitors: Focus on ROS Protection, Mitochondrial                                                                                                                                    | 6,132 | Q2 |

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|    |                    | Biogenesis and Promotion of Cell Differentiation. International Journal of Molecular Sciences. 2020; 21(19):7216. DOI: 10.3390/ijms21197216.                                                                                                                                                                                                                                                                                     |        |    |
| 25 | CHIM/08            | Distante, F., Collina, S., <u>Quadrelli, P.</u> A practical synthesis of (3-(phenanthren-9-yl)-4,5-dihydroisoxazol- 5-yl)methyl (tert-butoxycarbonyl)-L-alaninate, Arkivoc, 2020; (6):66-72. DOI: 10.24820/ark.5550190.p011.160.                                                                                                                                                                                                 | 1,125  | Q4 |
| 26 | CHIM/09            | Dorati, R., Chiesa, E., Pisani, S., Genta, I., Modena, T., Bruni, G., Brambilla, C.R.M., Benazzo, M., <u>Conti, B.</u> The Effect of Process Parameters on Alignment of Tubular Electrospun Nanofibers for Tissue Regeneration Purposes, Journal of Drug Delivery Science and Technology, 2020; 58:101781. DOI: 10.1016/j.jddst.2020.101781.                                                                                     | 3,833  | Q2 |
| 27 | CHIM/01            | <u>Dugheri, S.</u> , Marrubini, G., Speltini, A., Mucci, N., Cappelli, G., Bartolucci, G., Arcangeli, G. Fully Automated Determination of Trimellitic Anhydride in Saturated Polyester Resins Using Programmed Temperature Vaporization-Large Volume Injection-Gas Chromatography Previous Aqueous Derivatization with Triethyloxonium Tetrafluoroborate, Chromatographia, 2020; 83(5):601-613. DOI: 10.1007/s10337-020-03877-0. | 1,725  | Q4 |
| 28 | CHIM/09<br>MED/07  | Faccendini, A., Ruggeri, M., Miele, D., Rossi, S., Bonferoni, M.C., Aguzzi, C., Grisoli, P., Viseras, C., Vigani, B., <u>Sandri, G.</u> , Ferrari, F. Norfloxacin-Loaded Electrospun Scaffolds: Montmorillonite Nanocomposite vs. Free Drug. Pharmaceutics. 2020; 12(4):325. DOI: 10.3390/pharmaceutics12040325.                                                                                                                 | 6,734  | Q1 |
| 29 | BIO/14             | Fagiani, F., Catanzaro, M., Buoso, E., Basagni, F., Di Marino, D., Raniolo, S., Amadio, M., Frost, E.H., Corsini, E., Racchi, M., Fulop, T., Govoni, S., <u>Rosini, M.</u> , <u>Lanni, C.</u> Targeting Cytokine Release Through the Differential Modulation of Nrf2 and NF-kB Pathways by Electrophilic/Non-Electrophilic Compounds, Frontiers in Pharmacology, 2020; 11:1256. DOI: 10.3389/fphar.2020.01256.                   | 6,005  | Q1 |
| 30 | BIO/14             | Fagiani, F., <u>Lanni, C.</u> , Racchi, M., Govoni, S. Targeting dementias through cancer kinases inhibition, Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2020;6(1):e12044. DOI: 10.1002/trc2.12044.                                                                                                                                                                                            | 19,962 | Q1 |
| 31 | BIO/14             | Fagiani, F., Catanzaro, M., <u>Lanni, C.</u> "Molecular features of IGHV3-53-encoded antibodies elicited by SARS-CoV-2" Signal Transduction and Targeted Therapy. 2020; 5(1):170. DOI: 10.1038/s41392-020-00287-4.                                                                                                                                                                                                               | 21,177 | Q1 |
| 32 | CHIM/10<br>CHIM/08 | Ferron, L., Colombo, R., Mannucci, B., <u>Papetti, A.</u> A New Italian Purple Corn Variety (Moradyn) Byproduct Extract: Antiglycative and Hypoglycemic In Vitro Activities and Preliminary Bioaccessibility Studies.                                                                                                                                                                                                            | 4,588  | Q2 |

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|    |                   | Molecules. 2020; 25(8):1958. DOI: 10.3390/molecules25081958.                                                                                                                                                                                                                                                                                                                                                        |       |    |
| 33 | CHIM/09           | Figueiredo, M.P., Borrego-Sánchez, A., García-Villén, F., Miele, D., Rossi, S., Sandri, G., <u>Viseras, C., Constantino, V.R.L.</u> Polymer/Iron-Based Layered Double Hydroxides as Multifunctional Wound Dressings. Pharmaceutics. 2020; 12(11):1130. DOI: 10.3390/pharmaceutics12111130.                                                                                                                          | 6,734 | Q1 |
| 34 | BIO/14            | <u>Fülöp, T.</u> , Munawara, U., Larbi, A., Desroches, M., Rodrigues, S., Catanzaro, M., Guidolin, A., Khalil, A., Bernier, F., Barron, A.E., Hirokawa, K., Beauregard, P.B., Dumoulin, D., Bellenger, J.-P., Witkowski, J.M., Frost, E. Targeting Infectious Agents as a Therapeutic Strategy in Alzheimer's Disease, CNS Drugs, 2020; 34(7):673-675. DOI: 10.1007/s40263-020-00737-1.                             | 5,874 | Q1 |
| 35 | CHIM/09           | <u>García-Villén, F.</u> , Faccendini, A., Miele, D., Ruggeri, M., Sánchez-Espejo, R., Borrego-Sánchez, A., Cerezo, P., Rossi, S., Viseras, C., Sandri, G. Wound Healing Activity of Nanoclay/Spring Water Hydrogels. Pharmaceutics. 2020; 12(5):467. DOI: 10.3390/pharmaceutics12050467.                                                                                                                           | 6,734 | Q1 |
| 36 | MED/07            | Gargioni, C., Borzenkov, M., D'alfonso, L., Sperandeo, P., Polissi, A., Cucca, L., Dacarro, G., Grisoli, P., Pallavicini, P., D'agostino, A., <u>Taglietti, A.</u> Self- Assembled Monolayers of Copper Sulfide Nanoparticles on Glass as Antibacterial Coatings. Nanomaterials. 2020; 10(2):352. DOI: 10.3390/nano10020352.                                                                                        | 5,346 | Q2 |
| 37 | CHIM/09           | Granger, C., <u>Starace, M.</u> , Alessandrini, A., Aladren, S., Bruni, F., Narda, M., Perugini, P., Piraccini, B.M. Efficacy and Acceptability of a New Water-Soluble Nail Strengthener Containing Pistacia lentiscus and Hyaluronic Acid to Improve the Appearance of Brittle Nails versus Untreated Nails: In vitro and Clinical Evidence, Skin Appendage Disorders, 2020; 6(2):108-114. DOI: 10.1159/000505217. | n/a   | Q3 |
| 38 | CHIM/09<br>MED/07 | Guerini, M., <u>Perugini, P.</u> , Grisoli, P. Evaluation of the Effectiveness of N-Acetylcysteine (NAC) and N-acetylcysteine-cyclodextrins Multi-Composite in Pseudomonas aeruginosa Biofilm Formation. Applied Sciences-Basel 2020; 10(10):3466. DOI: 10.3390/app10103466.                                                                                                                                        | 2,736 | Q2 |
| 39 | CHIM/09           | Harjoh, N., <u>Wong, T.W.</u> , Caramella, C. Transdermal insulin delivery with microwave and fatty acids as permeation enhancers, International Journal of Pharmaceutics, 2020; 584:119416. DOI: 10.1016/j.ijpharm.2020.119416.                                                                                                                                                                                    | 5,423 | Q1 |
| 40 | CHIM/08           | Hoyos, P., <u>Bavaro, T.</u> , Perona, A., Rumero, A., Tengattini, S., Terreni, M., Hernaiz, M.J. Highly Efficient and Sustainable Synthesis of Neoglycoproteins Using Galactosidases, ACS Sustainable Chemistry &                                                                                                                                                                                                  | 8,471 | Q1 |

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|----|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|
|    |         | Engineering, 2020; 8(16):6282-6292. DOI: 10.1021/acssuschemeng.9b07785.                                                                                                                                                                                                                                                                                                                                               |       |    |
| 41 | CHIM/01 | La Cognata, S., Mobili, R., Merlo, F., Speltini, A., Boiocchi, M., Recca, T., Maher, L.J., <u>Amendola, V.</u> Sensing and Liquid-Liquid Extraction of Dicarboxylates Using Dicopper Cryptates, ACS Omega, 2020; 5(41):26573-26582. DOI: 10.1021/acsomega.0c03337.                                                                                                                                                    | 3,613 | Q2 |
| 42 | CHIM/08 | Li, Z., Bavaro, T., Tengattini, S., Bernardini, R., Mattei, M., Annunziata, F., Cole, R.B., Zheng, C., Sollogoub, M., Tamborini, L., <u>Terreni, M.</u> , <u>Zhang, Y.</u> Chemoenzymatic synthesis of arabinomannan (AM) glycoconjugates as potential vaccines for tuberculosis, European Journal of Medicinal Chemistry, 2020; 204:112578. DOI: 10.1016/j.ejmech.2020.112578.                                       | 6,099 | Q1 |
| 43 | CHIM/08 | Li, Z., Zheng, C., Terreni, M., Bavaro, T., Sollogoub, M., <u>Zhang, Y.</u> A Concise Synthesis of Oligosaccharides Derived From Lipoarabinomannan (LAM) with Glycosyl Donors Having a Nonparticipating Group at C2, European Journal of Organic Chemistry, 2020; 2020(14):2033-2044. DOI: 10.1002/ejoc.201901915.                                                                                                    | 2,790 | Q2 |
| 44 | CHIM/08 | Linciano, P., Cavalloro, V., Martino, E., Kirchmair, J., Listro, R., Rossi, D., <u>Collina, S.</u> Tackling Antimicrobial Resistance with Small Molecules Targeting LsrK: Challenges and Opportunities, Journal of Medicinal Chemistry, 2020; 63(24):15243-15257. DOI: 10.1021/acs.jmedchem.0c01282.                                                                                                                  | 7,319 | Q1 |
| 45 | CHIM/08 | Listro, R., Rossino, G., Della Volpe, S., Stabile, R., Boiocchi, M., Malavasi, L., <u>Rossi, D.</u> , Collina, S. Enantiomeric Resolution and Absolute Configuration of a Chiral $\delta$ -Lactam, Useful Intermediate for the Synthesis of Bioactive Compounds. Molecules. 2020; 25(24):6023. DOI: 10.3390/molecules25246023.                                                                                        | 4,588 | Q2 |
| 46 | CHIM/08 | Listro, R., Stotani, S., Rossino, G., Rui, M., Malacrida, A., Cavaletti, G., Cortesi, M., Arienti, C., Tesei, A., Rossi, D., Giacomo, M.D., Miloso, M., <u>Collina, S.</u> Exploring the RC-106 Chemical Space: Design and Synthesis of Novel (E)-1-(3-Arylbut-2-en-1-yl)-4- (Substituted) Piperazine Derivatives as Potential Anticancer Agents, Frontiers in Chemistry, 2020; 8:495. DOI: 10.3389/fchem.2020.00495. | 5,385 | Q2 |
| 47 | BIO/14  | Marchesi, N., Barbieri, A., Fahmideh, F., Govoni, S., Ghidoni, A., Parati, G., Vanoli, E., <u>Pascale, A.</u> , <u>Calvillo, L.</u> Use of dual-flow bioreactor to develop a simplified model of nervous-cardiovascular systems crosstalk: A preliminary assessment, PLoS ONE, 2020; 15(11):e0242627. DOI: 10.1371/journal.pone.0242627.                                                                              | 3,788 | Q2 |
| 48 | CHIM/09 | Mariotti, C.E., Ramos-Rivera, L., Conti, B., <u>Boccaccini, A.R.</u> Zein-Based Electrospun Fibers Containing Bioactive Glass with Antibacterial Capabilities, Macromolecular Bioscience, 2020; 20(7):2000059. DOI: 10.1002/mabi.202000059.                                                                                                                                                                           | 3,964 | Q2 |

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| 49 | CHIM/01 | Merlo, F., Maraschi, F., Piparo, D., <u>Profumo, A.</u> , Speltini, A. Simultaneous Pre-Concentration and HPLC-MS/MS Quantification of Phycotoxins and Cyanotoxins in Inland and Coastal Waters. International Journal of Environmental Research and Public Health. 2020; 17(13):4782. DOI: 10.3390/ijerph17134782.                                           | 3,789 | Q2 |
| 50 | CHIM/01 | Merlo, F., Speltini, A., Maraschi, F., Sturini, M., <u>Profumo, A.</u> HPLC-MS/MS multiclass determination of steroid hormones in environmental waters after preconcentration on the carbonaceous sorbent HA- C@silica, Arabian J. Chem. C 2020, 13(3), 4673. DOI: 10.1016/j.arabjc.2019.10.009.                                                              | 5,397 | Q2 |
| 51 | CHIM/09 | Miele, D., Catenacci, L., Rossi, S., Sandri, G., Sorrenti, M., Terzi, A., Giannini, C., Riva, F., Ferrari, F., Caramella, C., <u>Bonferoni, M.C.</u> Collagen/PCL Nanofibers Electrospun in Green Solvent by DOE Assisted Process. An Insight into Collagen Contribution. Materials. 2020; 13(21):4698. DOI: 10.3390/ma13214698.                              | 3,920 | Q2 |
| 52 | CHIM/09 | Monteforte, F., Bruni, G., Quinzeni, I., Friuli, V., Maggi, L., Capsoni, D., <u>Bini, M.</u> Meloxicam-LDH Hybrid Compound: A Successful Strategy to Improve Solubility, Journal of Inorganic and Organometallic Polymers and Materials, 2020; 30(3):637-648. DOI: 10.1007/s10904-019-01230-z.                                                                | 2,555 | Q2 |
| 53 | CHIM/09 | Nardini, M., Perteghella, S., Mastracci, L., Grillo, F., Marrubini, G., Bari, E., Formica, M., Gentili, C., Cancedda, R., Torre, M.L., <u>Mastrogiacomo, M.</u> Growth Factors Delivery System for Skin Regeneration: An Advanced Wound Dressing. Pharmaceutics. 2020; 12(2):120. DOI: 10.3390/pharmaceutics12020120.                                         | 6,734 | Q1 |
| 54 | CHIM/09 | Obinu, A., <u>Gavini, E.</u> , Rassu, G., Riva, F., Calligaro, A., Bonferoni, M.C., Maestri, M., Giunchedi, P. Indocyanine Green Loaded Polymeric Nanoparticles: Physicochemical Characterization and Interaction Studies with Caco-2 Cell Line by Light and Transmission Electron Microscopy. Nanomaterials. 2020; 10(1):133. DOI: 10.3390/nano10010133.     | 5,346 | Q2 |
| 55 | CHIM/09 | Orlandi, G., Bari, E., Catenacci, L., Sorrenti, M., Segale, L., Faragò, S., Sorlini, M., Arciola, C.R., <u>Torre, M.L.</u> , Perteghella, S. Polyphenols-Loaded Sericin Self-Assembling Nanoparticles: A Slow-Release for Regeneration by Tissue-Resident Mesenchymal Stem/Stromal Cells. Pharmaceutics. 2020; 12(4):381. DOI: 10.3390/pharmaceutics12040381. | 6,734 | Q1 |

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| 56 | CHIM/09            | Orlandi, G., Faragò, S., Menato, S., Sorlini, M., Butti, F., Mocchi, M., Donelli, I., Catenacci, L., Sorrenti, M.L., Croce, S., Segale, L., <u>Torre, M.L.</u> , Perteghella, S. Eco-sustainable silk sericin from by-product of textile industry can be employed for cosmetic, dermatology and drug delivery, Journal of Chemical Technology and Biotechnology, 2020; 95(9):2549-2560, DOI: 10.1002/jctb.6441.                                                                                                                                                                                                                                                            | 3,137 | Q3 |
| 57 | CHIM/08<br>CHIM/11 | Overturf, E., <u>Ravasio, N.</u> , Zaccheria, F., Tonin, C., Patrucco, A., Bertini, F., Canetti, M., Avramidou, K., Speranza, G., Bavaro, T., Ubiali, D. Towards a more sustainable circular bioeconomy. Innovative approaches to rice residue valorization: The RiceRes case study, Bioresource Technology Reports, 2020; 11:100427, DOI: 10.1016/j.biteb.2020.100427.                                                                                                                                                                                                                                                                                                    | 9,642 | Q1 |
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| 60 | CHIM/09            | <u>Perugini, P.</u> , Bleve, M., Redondi, R., Cortinovis, F., Colpani, A. In vivo evaluation of the effectiveness of biocellulose facial masks as active delivery systems to skin, Journal of Cosmetic Dermatology, 2020; 19(3):725-735, DOI: 10.1111/jocd.13051.                                                                                                                                                                                                                                                                                                                                                                                                          | 2,890 | Q2 |
| 61 | CHIM/09            | <u>Perugini, P.</u> , Sacchi, S., Musitelli, G. Nail StrainStress Meter NM 100: A novel in vivo method to characterize biomechanical properties of nails, Skin Research and Technology, 2020; 26(3):422-430, DOI: 10.1111/srt.12818.                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2,309 | Q2 |
| 62 | CHIM/09<br>CHIM/03 | Pires Figueiredo M., Borrego-Sánchez A., García-Villén F., Miele D., Rossi S., Sandri G., Viseras C., and <u>Constantino V.R.L.</u> Polymer/iron-based layered double hydroxides as multifunctional wound dressings, Pharmaceutics 2020; 12, 1130, DOI:10.3390/pharmaceutics12111130                                                                                                                                                                                                                                                                                                                                                                                       | 6,734 | Q1 |
| 63 | CHIM/09            | <u>Pisani, P.</u> , Airolidi, M., Allais, A., Valletti, P.A., Battista, M., Benazzo, M., Briatore, R., Cacciola, S., Cocuzza, S., Colombo, A., Conti, B., Costanzo, A., della Vecchia, L., Denaro, N., Fantozzi, C., Galizia, D., Garzaro, M., Genta, I., Iasi, G.A., Krengli, M., Landolfo, V., Lanza, G.V., Magnano, M., Mancuso, M., Maroldi, R., Masini, L., Merlano, M.C., Piemonte, M., Pisani, S., Prina- Mello, A., Prioglio, L., Rugiu, M.G., Scasso, F., Serra, A., Valente, G., Zannetti, M., Zigliani, A. Metastatic disease in head & neck oncology, Acta Otorhinolaryngologica Italica, 2020; 40(SUPPL. 1):S1- S86. DOI: 10.14639/0392-100X-suppl.1-40-2020. | 2,441 | Q2 |

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| 64 | CHIM/09 | Pisani, S., Croce, S., Chiesa, E., <u>Dorati, R.</u> , Lenta, E., Genta, I., Bruni, G., Mauramati, S., Benazzo, A., Cobiauchi, L., Morbini, P., Caliozna, L., Benazzo, M., Avanzini, M.A., Conti, B. Tissue Engineered Esophageal Patch by Mesenchymal Stromal Cells: Optimization of Electrospun Patch Engineering. International Journal of Molecular Sciences. 2020; 21(5):1764. DOI: 10.3390/ijms21051764.                             | 6,132 | Q2 |
| 65 | CHIM/09 | Pisani, S., Genta, I., Dorati, R., Kavatzikidou, P., Angelaki, D., Manousaki, A., Karali, K., Ranella, A., <u>Stratakis, E.</u> , <u>Conti, B.</u> Biocompatible polymeric electrospun matrices: Micro-nanotopography effect on cell behavior, Journal of Applied Polymer Science, 2020; 137(40):e49223. DOI: 10.1002/app.49223.                                                                                                           | 2,754 | Q2 |
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| 67 | CHIM/09 | Pisani, S.; <u>Dorati, R.</u> ; Genta, I.; Chiesa, E.; Modena, T.; Conti, B. High Efficiency Vibrational Technology (HEVT) for Cell Encapsulation in Polymeric Microcapsules. Pharmaceutics 2020; 12(5), 469. DOI: 10.3390/pharmaceutics12050469                                                                                                                                                                                           | 6,734 | Q1 |
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| 69 | BIO/14  | <u>Pistono, C.</u> , Monti, M.C., Marchesi, N., Boiocchi, C., Campagnoli, L.I.M., Morlotti, D., Cuccia, M., Govoni, S., Montomoli, C., Mallucci, G., Bergamaschi, R., Pascale, A. Unraveling a new player in multiple sclerosis pathogenesis: The RNA-binding protein HuR, Multiple Sclerosis and Related Disorders, 2020; 41:102048, DOI: 10.1016/j.msard.2020.102048.                                                                    | 4,292 | Q2 |
| 70 | BIO/14  | Platania, C.B.M., Pittalà, V., Pascale, A., Marchesi, N., Anfuso, C.D., Lupo, G., Cristaldi, M., Olivieri, M., Lazzara, F., Di Paola, L., Drago, F., <u>Bucolo, C.</u> Novel indole derivatives targeting HuR-mRNA complex to counteract high glucose damage in retinal endothelial cells, Biochemical Pharmacology, 2020; 175:113908, DOI: 10.1016/j.bcp.2020.113908.                                                                     | 5,675 | Q1 |
| 71 | CHIM/08 | Rinaldi, F., Fernández-Lucas, J., de la Fuente, D., Zheng, C., Bavaro, T., Peters, B., Massolini, G., Annunziata, F., Conti, P., de la Mata, I., Terreni, M., <u>Calleri, E.</u> Immobilized enzyme reactors based on nucleoside phosphorylases and 2'-deoxyribosyltransferase for the in-flow synthesis of pharmaceutically relevant nucleoside analogues, Bioresource Technology, 2020; 307:123258, DOI: 10.1016/j.biortech.2020.123258. | 9,237 | Q1 |

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| 72 | CHIM/08<br>CHIM/11 | Robescu, M.S., Serra, L., Terreni, M., Ubiali, D., Bavaro, T. A Multi-Enzymatic Cascade Reaction for the Synthesis of Vidarabine 5'-Monophosphate. <i>Catalysts</i> . 2020; 10(1):60. DOI: 10.3390/catal10010060.                                                                                                                                                                                                                           | 4,399 | Q2 |
| 73 | CHIM/01            | Romani, L., Bala, A., Kumar, V., Speltini, A., Milella, A., Fracassi, F., Listorti, A., Profumo, A., <u>Malavasi, L.</u> PEA2SnBr4: A water-stable lead-free two-dimensional perovskite and demonstration of its use as a co-catalyst in hydrogen photogeneration and organic-dye degradation, <i>Journal of Materials Chemistry C</i> , 2020; 8(27):9189-9194. DOI: 10.1039/d0tc02525a.                                                    | 6,853 | Q1 |
| 74 | CHIM/08            | Rossino, G., Orellana, I., Caballero, J., Schepmann, D., Wünsch, B., Rui, M., Rossi, D., González-Avendaño, M., <u>Collina, S.</u> , Vergara-Jaque, A. New Insights into the Opening of the Occluded Ligand-Binding Pocket of Sigmal Receptor: Binding of a Novel Bivalent RC-33 Derivative, <i>Journal of Chemical Information and Modeling</i> , 2020; 60(2):756-765. DOI: 10.1021/acs.jcim.9b00649.                                      | 5,390 | Q1 |
| 75 | CHIM/08            | Rossino, G., Rui, M., Pozzetti, L., Schepmann, D., Wünsch, B., Zampieri, D., Pellavio, G., Laforenza, U., Rinaldi, S., Colombo, G., Morelli, L., Linciano, P., Rossi, D., <u>Collina, S.</u> Setup and Validation of a Reliable Docking Protocol for the Development of Neuroprotective Agents by Targeting the Sigma-1 Receptor (S1R), <i>International Journal of Molecular Sciences</i> , 2020. 21(20), 7708. DOI: 10.3390/ijms21207708. | 6,132 | Q1 |
| 76 | CHIM/09            | <u>Sandri, G.</u> , Faccendini, A., Longo, M., Ruggeri, M., Rossi, S., Bonferoni, M.C., Miele, D., Prina-Mello, A., Aguzzi, C., Viseras, C., Ferrari, F. Halloysite- and Montmorillonite-Loaded Scaffolds as Enhancers of Chronic Wound Healing. <i>Pharmaceutics</i> . 2020; 12(2):179. DOI: 10.3390/pharmaceutics12020179.                                                                                                                | 6,734 | Q1 |
| 77 | CHIM/08<br>CHIM/11 | Semproli, R., Vaccaro, G., Ferrandi, E.E., Vanoni, M., Bavaro, T., Marrubini, G., Annunziata, F., Conti, P., Speranza, G., <u>Monti, D.</u> , <u>Tamborini, L.</u> , <u>Ubiali, D.</u> Use of Immobilized Amine Transaminase from <i>Vibrio fluvialis</i> under Flow Conditions for the Synthesis of (S)-1-(5-Fluoropyrimidin-2-yl)-ethanamine, <i>Chemcatchem</i> , 2020; 12(5):1359-1367. DOI: 10.1002/cctc.201902080.                    | 5,329 | Q2 |
| 78 | CHIM/08            | Senatore, R., Malik, M., Touqeer, S., Listro, R., Collina, S., Holzer, W., <u>Pace, V.</u> Straightforward and direct access to $\beta$ -seleno-amines and sulfonylamides via the controlled addition of phenylselenomethyl lithium ( $\text{LiCH}_2\text{SePh}$ ) to imines, <i>Tetrahedron</i> , 2020; 76(51):131220. DOI: 10.1016/j.tet.2020.131220.                                                                                     | 2,220 | Q2 |
| 79 | BIO/14             | Serafini MM, Catanzaro M, Fagiani F, Simoni E, Caporaso R, Dacrema M, Romanoni I, Govoni S, Racchi M, Daglia M, Rosini M, <u>Lanni C.</u> Modulation of Keap1/Nrf2/ARE Signaling Pathway by Curcuma- and Garlic-Derived Hybrids. <i>Frontiers in Pharmacology</i> , 2020; 28:10:1597. DOI: 10.3389/fphar.2019.01597.                                                                                                                        | 6,006 | Q1 |

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| 80 | CHIM/08            | Sferrazza, G., Corti, M., Andreola, F., Giovannini, D., Nicotera, G., Zonfrillo, M., Serra, M., Tengattini, S., Calleri, E., Brusotti, G., Pierimarchi, P., <u>Serafino, A.</u> Bioassay-Guided Isolation of Nigracin, Responsible for the Tissue Repair Properties of Drypetes Klainei Stem Bark, <i>Frontiers in Pharmacology</i> , 2020; 10:1541. DOI: 10.3389/fphar.2019.01541.                                | 6,005 | Q1 |
| 81 | CHIM/08            | <u>Sottani, C.</u> , Grignani, E., Mazzucchelli, S., Bonizzi, A., Corsi, F., Negri, S., Prati, F., Calleri, E., Cottica, D. Development and validation of a simple and versatile method for the quantification of everolimus loaded in H-ferritin nanocages using UHPLC-MS/MS, <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020; 191:113644. DOI: 10.1016/j.jpba.2020.113644.                       | 3,563 | Q2 |
| 82 | CHIM/01            | Speltini, A., Romani, L., Dondi, D., Malavasi, L., <u>Profumo, A.</u> Carbon Nitride-Perovskite Composites: Evaluation and Optimization of Photocatalytic Hydrogen Evolution in Saccharides Aqueous Solution. <i>Catalysts</i> . 2020; 10(11):1259. DOI: 10.3390/catal10111259.                                                                                                                                    | 4,399 | Q2 |
| 83 | CHIM/08<br>CHIM/11 | <u>Tamborini, L.</u> , Previtali, C., Annunziata, F., Bavaro, T., Terreni, M., Calleri, E., Rinaldi, F., Pinto, A., Speranza, G., <u>Ubiali, D.</u> , Conti, P. An Enzymatic Flow-Based Preparative Route to Vidarabine. <i>Molecules</i> . 2020; 25(5):1223. DOI: 10.3390/molecules25051223.                                                                                                                      | 4,588 | Q2 |
| 84 | CHIM/08            | Tanzi, L., Robescu, M.S., Marzatico, S., Recca, T., Zhang, Y., Terreni, M., <u>Bavaro, T.</u> Developing a Library of Mannose-Based Mono- and Disaccharides: A General Chemoenzymatic Approach to Monohydroxylated Building Blocks. <i>Molecules</i> . 2020; 25(23):5764. DOI: 10.3390/molecules25235764.                                                                                                          | 4,588 | Q2 |
| 85 | CHIM/08<br>CHIM/09 | Tengattini, S., Orlandi, G., Perteghella, S., Bari, E., Amadio, M., Calleri, E., Massolini, G., Torre, M.L., <u>Temporini, C.</u> Chromatographic profiling of silk sericin for biomedical and cosmetic use by complementary hydrophilic, reversed phase and size exclusion chromatographic methods, <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020; 186:113291. DOI: 10.1016/j.jpba.2020.113291. | 3,563 | Q2 |
| 86 | CHIM/08<br>CHIM/11 | Tentori, F., Bavaro, T., <u>Brenna, E.</u> , Colombo, D., Monti, D., Semproli, R., <u>Ubiali, D.</u> Immobilization of Old Yellow Enzymes via Covalent or Coordination Bonds. <i>Catalysts</i> . 2020; 10(2):260. DOI: 10.3390/catal10020260.                                                                                                                                                                      | 4,399 | Q2 |
| 87 | CHIM/09            | Tottoli EM, <u>Dorati R</u> , Genta I, Chiesa E, Pisani S, Conti B. Skin Wound Healing Process and New Emerging Technologies for Skin Wound Care and Regeneration. <i>Pharmaceutics</i> . 2020;12(8):735. DOI:10.3390/pharmaceutics12080735.                                                                                                                                                                       | 6,734 | Q1 |
| 88 | CHIM/08<br>CHIM/09 | Tripodo, G., Calleri, E., Di Franco, C., Torre, M.L., Memo, M., <u>Mandracchia, D.</u> Inverse Poly-High Internal Phase Emulsions Poly(HIPes) Materials from Natural and Biocompatible Polysaccharides. <i>Materials</i> . 2020; 13(23):5499. DOI: 10.3390/ma13235499.                                                                                                                                             | 3,920 | Q2 |

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| 89 | CHIM/01                      | Vadivel, D., Branciforti, D.S., Speltini, A., Sturini, M., Bellani, V., <u>Malaichamy, I.</u> , Dondi, D. Pyrolytic Formation of TiO <sub>2</sub> /Carbon Nanocomposite from Kraft Lignin: Characterization and Photoactivities. Catalysts. 2020; 10(3):270. DOI: 10.3390/catal10030270.                                                     | 4,399 | Q2 |
| 90 | CHIM/09<br>CHIM/08<br>BIO/14 | Vigani, B., <u>Rossi, S.</u> , Sandri, G., Bonferoni, M.C., Rui, M., Collina, S., Fagiani, F., Lanni, C., Ferrari, F. Dual-functioning scaffolds for the treatment of spinal cord injury: Alginate nanofibers loaded with the sigma 1 receptor (S1R) Agonist RC-33 in chitosan films, Marine Drugs, 2020; 18(1):21. DOI: 10.3390/md18010021. | 5,951 | Q1 |
| 91 | CHIM/08                      | Zheng, C., Huang, R., Bavaro, T., Terreni, M., Sollogoub, M., <u>Xu, J.</u> , <u>Zhang, Y.</u> Design, synthesis and biological evaluation of new ganglioside GM3 analogues as potential agents for cancer therapy, European Journal of Medicinal Chemistry, 2020; 189:112065. DOI: 10.1016/j.ejmech.2020.112065.                            | 6,099 | Q1 |

## Reviews

| N. | SSD involved       | Reference (alphabetical order according to the first author)                                                                                                                                                                                                                                                 | I.F. (5 years) JCR 2020 | Q JCR 2020 by JIF |
|----|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------|
| 1  | CHIM/09            | Bonferoni, M.C., Gavini, E., Rassu, G., Maestri, M., <u>Giunchedi, P.</u> Chitosan Nanoparticles for Therapy and Theranostics of Hepatocellular Carcinoma (HCC) and Liver-Targeting. <i>Nanomaterials</i> . 2020; 10(5):870. DOI: 10.3390/nano10050870.                                                      | 5,346                   | Q2                |
| 2  | CHIM/09            | Bonferoni, M.C., Rassu, G., Gavini, E., Sorrenti, M., Catenacci, L., <u>Giunchedi, P.</u> Nose-to-Brain Delivery of Antioxidants as a Potential Tool for the Therapy of Neurological Diseases. <i>Pharmaceutics</i> . 2020; 12(12):1246. DOI: 10.3390/pharmaceutics12121246.                                 | 6,734                   | Q1                |
| 3  | BIO/14             | Catanzaro, M., Fagiani, F., Racchi, M., Corsini, E., <u>Govoni, S.</u> , <u>Lanni, C.</u> Immune response in COVID- 19: addressing a pharmacological challenge by targeting pathways triggered by SARS-CoV-2. <i>Signal Transduction and Targeted Therapy</i> 2020; 5(1):84. DOI: 10.1038/s41392-020-0191-1. | 21,177                  | Q1                |
| 4  | CHIM/08            | Cavalloro, V., Bracco, F., Collina, S., <u>Martino, E.</u> Focus on phytochemical and pharmacological profile of prunus lycioides (=amygdalus lycioides), Mini-Reviews in Medicinal Chemistry 2020; 20(20):2207-2214. DOI: 10.2174/1389557520666200730153653.                                                | 3,742                   | Q2                |
| 5  | CHIM/10<br>CHIM/08 | Colombo, R., <u>Papetti, A.</u> Pre-Concentration and Analysis of Mycotoxins in Food Samples by Capillary Electrophoresis. <i>Molecules</i> . 2020; 25(15):3441. DOI: 10.3390/molecules25153441.                                                                                                             | 4,588                   | Q2                |
| 6  | CHIM/10<br>CHIM/08 | Colombo, R., <u>Papetti, A.</u> An outlook on the role of decaffeinated coffee in neurodegenerative diseases, <i>Critical Reviews in Food Science and Nutrition</i> . 2020; 60(5):760-779. DOI: 10.1080/10408398.2018.1550384.                                                                               | 11,193                  | Q1                |
| 7  | CHIM/11            | <u>Dugheri, S.</u> , Mucci, N., Bonari, A., Marrubini, G., Cappelli, G., Ubiali, D., Campagna, M., Montalti, M., Arcangeli, G. Solid Phase Microextraction Techniques Used for Gas Chromatography: A Review, <i>Acta Chromatographica</i> . 2020; 32(1):1-9, DOI: 10.1556/1326.2018.00579.                   | 1,301                   | Q4                |
| 8  | CHIM/11            | <u>Dugheri, S.</u> , Mucci, N., Bonari, A., Marrubini, G., Cappelli, G., Ubiali, D., Campagna, M., Montalti, M., Arcangeli, G. Liquid Phase Microextraction Techniques Combined with Chromatography Analysis: A Review, <i>Acta Chromatographica</i> . 2020; 32(2):69-79. DOI: 10.1556/1326.2019.00636.      | 1,301                   | Q4                |

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| 9  | CHIM/01 | Marrubini, G., Dugheri, S., Cappelli, G., Arcangeli, G., Mucci, N., Appelblad, P., Melzi, C., Speltini, A. Experimental designs for solid-phase microextraction method development in bioanalysis: A review, <i>Analytica Chimica Acta</i> . 2020; 1119:77-100. DOI: 10.1016/j.aca.2020.04.012.                                                     | 6,228  | Q1 |
| 10 | CHIM/09 | Mocchi, M., Dotti, S., Bue, M.D., Villa, R., Bari, E., Perteghella, S., <u>Torre, M.L.</u> , Grolli, S. Veterinary Regenerative Medicine for Musculoskeletal Disorders: Can Mesenchymal Stem/Stromal Cells and Their Secretome Be the New Frontier? <i>Cells</i> . 2020; 9(6):1453. DOI: 10.3390/cells9061453.                                      | 6,663  | Q2 |
| 11 | BIO/14  | <u>Pascale, A.</u> , Marchesi, N., Govoni, S., Barbieri, A. Targeting the microbiota in pharmacology of psychiatric disorders, <i>Pharmacological Research</i> . 2020; 157:104856. DOI: 10.1016/j.phrs.2020.104856.                                                                                                                                 | 7,374  | Q1 |
| 12 | BIO/14  | <u>Perin, P.</u> , Mabou Tagne, A., Enrico, P., Marino, F., Cosentino, M., Pizzala, R., Boselli, C. Cannabinoids, Inner Ear, Hearing, and Tinnitus: A Neuroimmunological Perspective, <i>Frontiers in Neurology</i> . 2020; 11:505995. DOI: 10.3389/fneur.2020.505995.                                                                              | 4,189  | Q2 |
| 13 | CHIM/09 | Ruggeri, M., Bianchi, E., Rossi, S., Vigani, B., Bonferoni, M.C., Caramella, C., <u>Sandri, G.</u> , Ferrari, F. Nanotechnology-Based Medical Devices for the Treatment of Chronic Skin Lesions: From Research to the Clinic. <i>Pharmaceutics</i> . 2020; 12(9):815. DOI: 10.3390/pharmaceutics12090815.                                           | 6,734  | Q1 |
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| 15 | CHIM/08 | Temporini, C., Colombo, R., Calleri, E., Tengattini, S., Rinaldi, F., <u>Massolini, G.</u> Chromatographic tools for plant-derived recombinant antibodies purification and characterization, <i>Journal of Pharmaceutical and Biomedical Analysis</i> 2020; 179, 112920. DOI: 10.1016/j.jpba.2019.112920.                                           | 3,564  | Q2 |
| 16 | CHIM/09 | Tottoli, E.M., <u>Dorati, R.</u> , Genta, I., Chiesa, E., Pisani, S., Conti, B. Skin Wound Healing Process and New Emerging Technologies for Skin Wound Care and Regeneration. <i>Pharmaceutics</i> . 2020; 12(8):735. DOI: 10.3390/pharmaceutics12080735.                                                                                          | 6,734  | Q1 |
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## Editorials

| N. | SSD involved | Reference (alphabetical order according to the first author)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I.F. (5 years) JCR 2020 | Q JCR 2020 by JIF |
|----|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------|
| 1  | CHIM/08      | Cass, Q.B., Massolini, G., Cardoso, C.L., Calleri, E., Editorial: Advances in Bioanalytical Methods for Probing Ligand-Target Interactions, <i>Frontiers in Chemistry</i> , 2020, 8, 378, DOI: 10.3389/fchem.2020.00378.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5,385                   | Q2                |
| 2  | CHIM/09      | Giunchedi, P., Gavini, E., Bonferoni, M.C., Nose-to-Brain Delivery, <i>Pharmaceutics</i> , 2020, 12(2), 138, DOI: 10.3390/pharmaceutics12020138.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6,734                   | Q1                |
| 3  | CHIM/08      | Gütschow, M., Eynde, J.J.V., Jampilek, J., Kang, C., Mangoni, A.A., Fossa, P., Karaman, R., Trabocchi, A., Scott, P.J.H., Reynisson, J., Rapposelli, S., Galdier, S., Winum, J.-Y., Brullo, C., Prokai-Tatrai, K., Sharma, A.K., Schapira, M., Azuma, Y.-T., Cerchia, L., Spete, M., Torri, G., Collina, S., Geronikaki, A., García-Sosa, A.T., Helena Vasconcelos, M., Sousa, M.E., Kosalec, I., Tuccinardi, T., Duarte, I.F., Salvador, J.A.R., Bertinaria, M., Pellecchia, M., Amato, J., Rastelli, G., Gomes, P.A.C., Guedes, R.C., Sabatier, J.-M., Estévez-Braun, A., Pagano, B., Mangani, S., Ragno, R., Kokotos, G., Brindisi, M., González, F.V., Borges, F., Miloso, M., Rautio, J., <u>Muñoz-Torrero, D.</u> , Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes–7, <i>Molecules</i> , 2020, 25(13), 2968, DOI: 10.3390/molecules25132968. | 4,588                   | Q2                |
| 4  | CHIM/08      | Vanden Eynde, J.J., Mangoni, A.A., Rautio, J., Leprince, J., Azuma, Y.-T., García-Sosa, A.T., Hulme, C., Jampilek, J., Karaman, R., Li, W., Gomes, P.A.C., Hadjipavlou-Litina, D., Capasso, R., Geronikaki, A., Cerchia, L., Sabatier, J.-M., Ragno, R., Tuccinardi, T., Trabocchi, A., Winum, J.-Y., Luque, F.J., Prokai-Tatrai, K., Spetea, M., Gütschow, M., Kosalec, I., Guillou, C., Vasconcelos, M.H., Kokotos, G., Rastelli, G., De Sousa, M.E., Manera, C., Gemma, S., Mangani, S., Siciliano, C., Galdiero, S., Liu, H., Scott, P.J.H., De Los Ríos, C., Agrofoglio, L.A., Collina, S., Guedes, R.C., <u>Muñoz-Torrero, D.</u> , Breakthroughs in Medicinal Chemistry: New Targets and Mechanisms, New Drugs, New Hopes–6, <i>Molecules</i> , 2020, 25(1), 119. DOI: 10.3390/molecules25010119.                                                                                   | 4,588                   | Q2                |