



January-December 2024



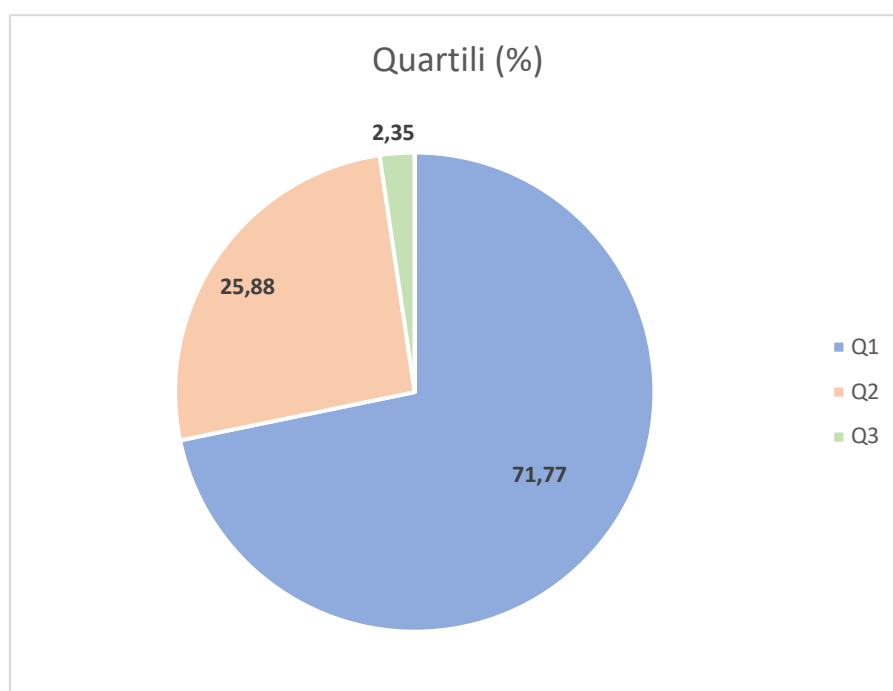
DDS PUBLICATIONS

SUMMARY OF THE DDS 2024 SCIENTIFIC PRODUCTION

Table 1. 2024 scientific production (articles, reviews, chapters and editorials) of DDS

Scientific production	
N. research articles	70
N. reviews	14
N. editorials	1
N. book chapters	1
Quartile	N. articles, reviews and editorials (<i>no chapters</i>)
Q1	61
Q2	22
Q3	2
Q4	/
NA	/
tot Q/NA	85/0
5 year Impact factor	
N. articles, reviews and editorials with a 5 year IF	85
5 year IF (mean)	5.549
N. Corresponding authors / last name of UniPv DDS	
51	
N. First authors of UniPv DDS	
17	

Figure 1. 2024 scientific production (articles, reviews and editorials) of DDS according to journal quartile.



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 (2023) 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. (5 years) JCR 2023	Quartili JCR 2023 BY JIF
1.	BIOS-11/A	<u>Al-Naqeb, G.</u> , Zorzi, G., Oldani, A., Azzalin, A., Avesani, L., Guzzo, F., Pascale, A., De Giuseppe, R., Cena, H., Phytochemical Profile and In Vitro Cytotoxic, Genotoxic, and Antigenotoxic Evaluation of <i>Cistus monspeliensis</i> L. Leaf Extract, <i>International Journal of Molecular Sciences</i> , 2024, 25, 13707, DOI: 10.3390/ijms252413707	5.6	Q1
2.	BIOS-11/A	<u>Asti, A.L.</u> , Crespi, S., Rampino, T., Zelini, P., Gregorini, M., Pascale, A., Marchesi, N., Saccucci, S., Colombani, C., Vitalini, S., Iriti, M., Yet another in vitro evidence that natural compounds introduced by diet have anti-amyloidogenic activities and can counteract neurodegenerative disease depending on aging, <i>Natural Product Research</i> , 2024, 38, 861, DOI: 10.1080/14786419.2023.2192493	2.1	Q3
3.	CHEM-07/A	<u>Bernardini, R.</u> , <u>Tengattini, S.</u> , Li, Z., Piubelli, L., Bavaro, T., Modolea, A. B., Mattei, M., Conti, P., Marini, S., Zhang, Y., Pollegioni, L., Temporini, C., Effect of glycosylation on the affinity of the MTB protein Ag85B for specific antibodies: towards the design of a dual-acting vaccine against tuberculosis, <i>Biology Direct</i> , 2024, 19, 11, DOI: 10.1186/s13062-024-00454-5	4.5	Q1
4.	CHEM-08/A; BIOS-11/A	Bianchi, E., Ruggeri, M., Del Favero, E., Pisano, R., Artusio, F., Ricci, C., Vigani, B., Ferraretto, A., Boselli, C., Icaro Cornaglia, A., Rossi, S., <u>Sandri, G.</u> , Chondroitin sulfate and caseinophosphopeptides doped polyurethane-based highly porous 3D scaffolds for tendon-to-bone regeneration, <i>International Journal of Pharmaceutics</i> , 2024, 652, 123822, DOI: 10.1016/j.ijpharm.2024.123822	5.6	Q1
5.	CHEM-08/A; BIOS-11/A	Bianchi, E., Ruggeri, M., Vigani, B., Totaro Fila, C., Icaro Cornaglia, A., Boselli, C., Viseras, C., Rossi, S., <u>Sandri, G.</u> , Gas foamed scaffolds as smart 3D structures in skin tissue engineering, <i>Journal of Drug Delivery Science and Technology</i> , 2024, 95, 105541, DOI: 10.1016/j.jddst.2024.105541	4.7	Q1
6.	BIOS-11/A	Bresciani, G., Manai, F., Felszeghy, S., Smedowski, A., Kaarniranta, K., <u>Amadio, M.</u> , VEGF and ELAVL1/HuR protein levels are increased in dry and wet AMD patients. A new tile in the pathophysiologic mechanisms underlying RPE degeneration?, <i>Pharmacological Research</i> , 2024, 208, 107380, DOI: 10.1016/j.phrs.2024.107380	9.0	Q1

7.	CHEM-08/A	<u>Bruculeri, R.</u> , Airoidi, L., Baldini, P., Vigani, B., Rossi, S., Morganti, S., Auricchio, F., Anselmi-Tamburini, U., Spark Plasma Sintering of Complex Metal and Ceramic Structures Produced by Material Extrusion, <i>3D Printing and Additive Manufacturing</i> , 2024, 11, e1246, DOI: 10.1089/3dp.2022.0279	3.5	Q3
8.	CHEM-07/B	Burlacchini, G., Sandri, A., Papetti, A., Frosi, I., Boschi, F., <u>Lleo, M.M.</u> , Signoretto, C., Evaluation of Antibacterial and Antibiofilm Activity of Rice Husk Extract against <i>Staphylococcus aureus</i> , <i>Pathogens</i> , 2024, 13, 80, DOI: 10.3390/pathogens13010080	3.5	Q2
9.	CHEM-08/A	Buscarini, A., Zaworotko, M.J., Matos, C.R.M.O., Grepioni, F., Contini, L., Capsoni, D., Friuli, V., Maggi, L., <u>Bruni, G.</u> , Pimozide and Adipic Acid: A New Multicomponent Crystalline Entity for Improved Pharmaceutical Behavior, <i>Molecules</i> , 2024, 29, 5610, DOI: 10.3390/molecules29235610	4.6	Q2
10.	CHEM-08/A	Cama, E.S., Catenacci, L., Perteghella, S., <u>Sorrenti, M.</u> , Caira, M.R., Rasso, G., Gavini, E., Giunchedi, P., Bonferoni, M.C., Design and development of a chitosan-based nasal powder of dimethyl fumarate-cyclodextrin binary systems aimed at nose-to-brain administration. A stability study, <i>International Journal of Pharmaceutics</i> , 2024, 659, 124216, DOI: 10.1016/j.ijpharm.2024.124216	5.6	Q1
11.	BIOS-11/A	Campagnoli, L.I.M., Ahmad, L., Marchesi, N., Greco, G., Boschi, F., Masi, F., Mallucci, G., Bergamaschi, R., Colombo, E., <u>Pascale, A.</u> , Disclosing the Novel Protective Mechanisms of Ocrelizumab in Multiple Sclerosis: The Role of PKC Beta and Its Down-Stream Targets, <i>International Journal of Molecular Sciences</i> , 2024, 25, 8923, DOI: 10.3390/ijms25168923	5.6	Q1
12.	CHEM-07/A; BIOS-11/A	Cavalloro, V., Marchesi, N., Linciano, P., Rossi, D., Campagnoli, L.I.M., Fossati, A., Ahmed, K.M., Malacrida, A., Miloso, M., Mazzeo, G., Abbate, S., Longhi, G., Ambrosio, F.A., Costa, G., Alcaro, S., Pascale, A., <u>Martino, E.</u> , <u>Collina, S.</u> , Neurodegeneration: can metabolites from <i>Eremurus persicus</i> help?, <i>Frontiers in Pharmacology</i> , 2024, 15, 1309766, DOI: 10.3389/fphar.2024.1309766	5.0	Q1
13.	CHEM-07/A	Cavalloro, V., Pagliari, S., Gosetti, F., Campone, L., Sottani, C., Collina, S., <u>Martino, E.</u> , Robustelli della Cuna, F.S., Qualitative Metabolite Profiling of <i>Orchis purpurea</i> Huds. by GC and UHPLC/MS Approaches, <i>Plants</i> , 2024, 13, 1064, DOI: 10.3390/plants13081064	4.4	Q1
14.	CHEM-07/A	Cavalloro, V., Robustelli della Cuna, F. S., <u>Malovini, A.</u> , Villa, C., Sottani, C., Balestra, M., Bracco, F., <u>Martino, E.</u> , Collina, S., Essential Oils from <i>Papaver rhoeas</i> and Their Metabolomic Profiling, <i>Metabolites</i> , 2024, 12, 664, DOI: 10.3390/metabo14120664	4.0	Q2

15.	BIOS-11/A	Caviglia, D., Russo, E., Preda, S., Robustelli della Cuna, F.S., <u>Villa, C.</u> , In situ NADES microwave-mediated extraction of bioactive compounds from Beta vulgaris L. var. rubra waste, <i>International Journal of Food Science and Technology</i> , 2024, 59, 3271, DOI: 10.1111/ijfs.17073	3.1	Q2
16.	CHEM-08/A	Chiesa, E., Anastasi, F., Clerici, F., Lumina, E.M., Genta, I., <u>Pellegrino, S.</u> , <u>Gelmi, M.L.</u> , Stereochemical Behavior of Pyrrolo-Pyrazole Peptidomimetics Promoting Phase-Selective Supramolecular Organogels, <i>Gels</i> , 2024, 10, 263, DOI: 10.3390/gels10040263	4.9	Q1
17.	CHEM-08/A	Chiesa, E., Caimi, A., Bellotti, M., Giglio, A., Conti, B., Dorati, R., <u>Auricchio, F.</u> , <u>Genta, I.</u> , Effect of Micromixer Design on Lipid Nanocarriers Manufacturing for the Delivery of Proteins and Nucleic Acids, <i>Pharmaceutics</i> , 2024, 16, 507, DOI: 10.3390/pharmaceutics16040507	5.5	Q1
18.	CHEM-08/A	<u>Chiesa, E.</u> , Clerici, F., Bucci, R., Anastasi, F., Bottiglieri, M., Patrini, M., Genta, I., Bittner, A.M., <u>Gelmi, M.L.</u> , Smart Electrospun Nanofibers from Short Peptidomimetics Based on Pyrrolo-pyrazole Scaffold, <i>Biomacromolecules</i> , 2024, 25, 2378, DOI: 10.1021/acs.biomac.3c01310	5.9	Q1
19.	CHEM-07/A; CHEM-08/A	Contardi, C., Mavliutova, L., Serra, M., Rubes, D., Dorati, R., Vistoli, G., Macorano, A., <u>Sellergren, B.</u> , <u>De Lorenzi, E.</u> , Rational Design of Highly Selective Sialyllactose-Imprinted Nanogels, <i>Chemistry - A European Journal</i> , 2024, 30, e202401232, DOI: 10.1002/chem.202401232	4.1	Q2
20.	CHEM-07/A; CHEM-08/A	Contardi, C., Rubes, D., Serra, M., Dorati, R., Dattilo, M., Mavliutova, L., Patrini, M., Guglielmann, R., Sellergren, B., <u>De Lorenzi, E.</u> , Affinity Capillary Electrophoresis as a Tool To Characterize Molecularly Imprinted Nanogels in Solution, <i>Analytical Chemistry</i> , 2024, 96, 3017, DOI: 10.1021/acs.analchem.3c04912	6.6	Q1
21.	CHEM-08/A	Conti, D.M., Urru, C., Bruni, G., Galinetto, P., Albini, B., Milanese, C., Pisani, S., Berbenni, V., <u>Capsoni, D.</u> , Design of Na ₃ MnZr(PO ₄) ₃ /Carbon Nanofiber Free-Standing Cathodes for Sodium-Ion Batteries with Enhanced Electrochemical Performances through Different Electrospinning Approaches, <i>Molecules</i> , 2024, 29, 1885, DOI: 10.3390/molecules29081885	4.6	Q2
22.	CHEM-07/A	De Soricellis, G., Rinaldi, F., Tengattini, S., Temporini, C., Negri, S., Capelli, D., Montanari, R., Cena, H., Salerno, S., Massolini, G., Guzzo, F., <u>Calleri, E.</u> , Development of an analytical platform for the affinity screening of natural extracts by SEC-MS towards PPAR α and PPAR γ receptors, <i>Analytica Chimica Acta</i> , 2024, 1309, 342666, DOI: 10.1016/j.aca.2024.342666	5.5	Q1

23.	CHEM-08/A	Ferrera, F., Resaz, R., <u>Bari, E.</u> , Fenoglio, D., Mastracci, L., Miletto, I., Modena, A., Perteghella, S., Sorlini, M., Segale, L., Filaci, G., Torre, M.L., Giovannelli, L., Silk fibroin nanoparticles for locoregional cancer therapy: Preliminary biodistribution in a murine model and microfluidic GMP-like production, <i>International Journal of Biological Macromolecules</i> , 2024, 282, 137121, DOI: 10.1016/j.ijbiomac.2024.137121	7.7	Q1
24.	CHEM-07/B	Ferron, L., Ardemani, E., Vallelonga, D., <u>Papetti, A.</u> , An innovative functional cracker enriched in α -linolenic acid from Camelina oil (<i>Camelina sativa</i> L.): Nutritional and bioaccessibility assessment, <i>Future Foods</i> , 2024, 9, 100371, DOI: 10.1016/j.fufo.2024.100371	7.2	Q1
25.	CHEM-07/B	Fratte, <u>A.</u> , Cignarella, A., Ramaschi, G. E., Papetti, A., Pellicorio, V., Milanese, C., Casettari, L., Bolego, C., A novel sodium caseinate lipid-based auto-emulsifying delivery system to increase resveratrol intestinal permeation: Characterization and in vitro assessment, <i>European Journal of Pharmaceutical Sciences</i> , 2024, 203, 106912, DOI: 10.1016/j.ejps.2024.106912	4.2	Q1
26.	CHEM-08/A	Friuli, V., Loi, C., Bruni, G., Maggi, L., <u>Bini, M.</u> , A Perspective on the Use of Hydroxyapatites to Improve the Dissolution Behavior of Poorly Water-Soluble Piretanide, <i>Pharmaceutics</i> , 2024, 16, 1450, DOI: 10.3390/pharmaceutics16111450	5.5	Q1
27.	CHEM-08/A	<u>Friuli, V.</u> , Maggi, L., Bruni, G., Caso, F., Bini, M., Hydroxyapatite Nanorods Based Drug Delivery Systems for Bumetanide and Meloxicam, Poorly Water Soluble Active Principles, <i>Nanomaterials</i> , 2024, 14, 113, DOI: 10.3390/nano14010113	4.7	Q2
28.	CHEM-08/A	<u>Friuli, V.</u> , Urru, C., Ferrara, C., Conti, D.M., Bruni, G., <u>Maggi, L.</u> , Capsoni, D., Design of Etched- and Functionalized-Halloysite/Meloxicam Hybrids: A Tool for Enhancing Drug Solubility and Dissolution Rate, <i>Pharmaceutics</i> , 2024, 16, 338, DOI: 10.3390/pharmaceutics16030338	5.5	Q1
29.	CHEM-07/B; CHEM-07/A	Frosi, I., Balduzzi, A., Colombo, R., Milanese, C., <u>Papetti, A.</u> , Recovery of polyphenols from corn cob (<i>Zea mays</i> L.): Optimization of different green extraction methods and efficiency comparison, <i>Food and Bioproducts Processing</i> , 2024, 143, 212, DOI: 10.1016/j.fbp.2023.11.009	4.2	Q2
30.	CHEM-07/B; CHEM-07/A	Frosi, I., Colombo, R., Pugliese, R., Milanese, C., <u>Papetti, A.</u> , Pectin Microwave Assisted Extraction from Pumpkin Peels: Process Optimization and Chemical-Physical and Rheological Characterization, <i>Foods</i> , 2024, 13, 3157, DOI: 10.3390/foods13193157	5.1	Q1

31.	CHEM-07/A	Gado, I., Garbagnoli, M., Ambrosio, F. A., Listro, R., Parafioriti, M., Cauteruccio, S., Rossi, D., Linciano, P., Costa, G., Alcaro, S., <u>Vasile, F.</u> , <u>Collina, S.</u> , Peptide Nucleic Acids in Saturation Transfer Difference Nuclear Magnetic Resonance Experiments: A Simple and Valuable Tool for Studying HuR-Small Molecule Complexes, <i>ACS Omega</i> , 2024, 9, 45147, DOI: 10.1021/acsomega.4c06244	4.0	Q2
32.	CHEM-08/A	Giglio, A., Bellotti, M., Conti, B., E-Hasnat, N., Auricchio, F., Genta, I., Caimi, A., <u>Chiesa, E.</u> , Experimental and Numerical Integrated Strategy for the Optimization of Microfluidic Parameters for Eudragit L100 Nanoparticles and Microparticles, <i>Molecular Pharmaceutics</i> , 2024, 21, 5842, DOI: 10.1021/acs.molpharmaceut.4c00869	4.6	Q1
33.	BIOS-11/A	Govoni, S., Fantucci, P., Marchesi, N., Vertemara, J., <u>Pascale, A.</u> , Allegri, M., Calvillo, L., Vanoli, E., N-Acetylcysteine Antagonizes NGF Activation of TrkA through Disulfide Bridge Interaction, an Effect Which May Contribute to Its Analgesic Activity, <i>International Journal of Molecular Sciences</i> , 2024, 25, 206, DOI: 10.3390/ijms25010206	5.6	Q1
34.	BIOS-11/A	Govoni, S., Rosi, A., Preda, S., <u>Lanni, C.</u> , Cappa, S., Allegri, N., Drug prescriptions in elderly hospitalized patients with cognitive impairment in the Italian Dementia Friendly Hospital project, <i>Frontiers in Pharmacology</i> , 2024, 15, 1474986, DOI: 10.3389/fphar.2024.1474986	5.0	Q1
35.	CHEM-08/A	Gul, M., Fontana-Escartín, A., Arnau, M., Sans, J., Lanzalaco, S., Armelin, E., Chiesa, E., Genta, I., Pérez-Madrigal, M. M., <u>Alemán, C.</u> , From Dielectric to Electro-Responsive Thermoplastics: An Approach Based on Electro-Thermal Reorientation and Charged Gas Activation, <i>ACS Applied Polymer Materials</i> , 2024, 6, 15070, DOI: 10.1021/acsapm.4c02610	4.7	Q1
36.	CHEM-08/A	Imbriano, A., García-Villén, F., Forte, J., Ruggeri, M., Lasalvia, A., <u>Rinaldi, F.</u> , Perioli, L., Sandri, G., Marianecci, C., Viseras, C., Carafa, M., Clay-carvacrol nanoemulsions for wound healing: Design and characterization studies, <i>Journal of Drug Delivery Science and Technology</i> , 2024, 99, 105984, DOI: 10.1016/j.jddst.2024.105984	4.7	Q1
37.	CHEM-07/A	Ingrà, C., Del Frari, G., Favole, M., Tumminelli, E., Rossi, D., Collina, S., Prati, M., Ferreira, R.B., <u>Ferrandino, A.</u> , Effects of Growing Areas, Pruning Wound Protection Products, and Phenological Stage on the Stilbene Composition of Grapevine (<i>Vitis vinifera</i> L.) Canes, <i>Journal of Agricultural and Food Chemistry</i> , 2024, 72, 11465, DOI: 10.1021/acs.jafc.4c00583	6.0	Q1

38.	CHEM-08/A	Lee, C., Fiocco, G., Vigani, B., Recca, T., Rossi, S., Licchelli, M., Malagodi, M., <u>Weththimuni, M.L.</u> , Volpi, F., Retentive bio-based chemical gel for removing glues from water-sensitive wooden artworks, <i>Journal of Cultural Heritage</i> , 2024, 68, 9, DOI: 10.1016/j.culher.2024.05.005	3.6	Q1
39.	CHEM-07/A	Lioi, M., Tengattini, S., D'Atri, V., Massolini, G., Daly, S., Temporini, C., <u>Guillarme, D.</u> , Evaluating the potential of hydrophilic interaction liquid chromatography for collagen peptide mapping analysis, <i>Journal of Chromatography A</i> , 2024, 1738, 465473, DOI: 10.1016/j.chroma.2024.465473	3.5	Q1
40.	CHEM-07/A	Lioi, M., Tengattini, S., Gotti, R., Bagatin, F., Galliani, S., Massolini, G., Daly, S., <u>Temporini, C.</u> , Chromatographic separation by RPLC-ESI-MS of all hydroxyproline isomers for the characterization of collagens from different sources, <i>Journal of Chromatography A</i> , 2024, 1720, 464771, DOI: 10.1016/j.chroma.2024.464771	3.5	Q1
41.	CHEM-07/A	Listro, R., Marra, A., Cavalloro, V., Rossino, G., Linciano, P., Rossi, D., Casali, E., De Amici, M., Mazzeo, G., Longhi, G., Fusè, M., Dondio, G., Pellavio, G., Laforenza, U., Schepmann, D., Wünsch, B., <u>Collina, S.</u> , Sigma receptor and aquaporin modulators: chiral resolution, configurational assignment, and preliminary biological profile of RC752 enantiomers, <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2024, 239, 115902, DOI: 10.1016/j.jpba.2023.115902	3.1	Q2
42.	CHEM-07/A; CHEM-07/C	Listro, R., Rossino, G., Cavalloro, V., Rossi, D., Boiocchi, M., Robescu, M.S., Bavaro, T., Franchini, S., Sorbi, C., De Amici, M., Linciano, P., <u>Collina, S.</u> , 1,3-Dithiolane as a Privileged Scaffold in Bioactive Derivatives: Chiral Resolution and Assignment of Absolute Configuration, <i>International Journal of Molecular Sciences</i> , 2024, 25, 12880, DOI: 10.3390/ijms252312880	5.6	Q1
43.	CHEM-08/A	Maggi, L., <u>Friuli, V.</u> , Cerea, B., Bruni, G., Berbenni, V., <u>Bini, M.</u> , Physicochemical Characterization of Hydroxyapatite Hybrids with Meloxicam for Dissolution Rate Improvement, <i>Molecules</i> , 2024, 29, 2419, DOI: 10.3390/molecules29112419	4.6	Q2
44.	CHEM-08/A	<u>Magnaghi, L.R.</u> , Guembe-Garcia, M., Cerone, V., Perugini, P., Alberti, G., Biesuz, R., DOE-based multi-criteria optimization of starch/gly/CMC films' composition and preparation procedure by casting deposition, <i>Chemometrics and Intelligent Laboratory Systems</i> , 2024, 24415, 105044, DOI: 10.1016/j.chemolab.2023.105044	3.7	Q2

45.	CHEM-08/A	Martínez Rodríguez, T., Valentino, C., <u>Rodríguez Pozo, F.R.</u> , Hernández Benavides, P., Arrebola Vargas, F., Paredes, J.M., Sainz-Díaz, C.I., Iglesias, G.R., Rossi, S., Sandri, G., Medina Pérez, M.D.M., <u>Aguzzi, C.</u> , Formulative Study and Characterization of Novel Biomaterials Based on Chitosan/Hydrolyzed Collagen Films, <i>Journal of Functional Biomaterials</i> , 2024, 15, 69, DOI: 10.3390/jfb15030069	5.5	Q1
46.	CHEM-07/A	Merlo, F., Colucci, F., De Soricellis, G., Rinaldi, F., Calleri, E., Profumo, A., <u>Speltini, A.</u> , Carbon nanotubes in high internal phase emulsion polymer composite for packed-cartridge micro-solid-phase extraction of fluoroquinolones in urine, <i>Advances in Sample Preparation</i> , 2024, 9, 100103, DOI: 10.1016/j.sampre.2024.100103	5.2	Q1
47.	CHEM-08/A	Miele, D., Catenacci, L., Sorrenti, M., <u>Perteghella, S.</u> , Filiberti, S., Mandracchia, D., Ronca, R., Bonferoni, M. C., Collagen/PCL electrospun fibers loaded with polyphenols: Curcumin and resveratrol comparison, <i>International Journal of Biological Macromolecules</i> , 2024, 279, 135333, DOI: 10.1016/j.ijbiomac.2024.135333	7.7	Q1
48.	CHEM-07/A	Milli, G., Pellegrini, A., Listro, R., Fasolini, M., Pagano, K., Ragona, L., <u>Pietrocola, G.</u> , <u>Linciano, P.</u> , Collina, S., New LsrK Ligands as AI-2 Quorum Sensing Interfering Compounds against Biofilm Formation, <i>Journal of Medicinal Chemistry</i> , 2024, 67, 18139 - 18156, DOI: 10.1021/acs.jmedchem.4c01266	7.2	Q1
49.	CHEM-08/A	Motzwickler-Németh, A., Party, P., Simon, P., Sorrenti, M., <u>Ambrus, R.</u> , Csóka, I., Preparation of Ibuprofen-Loaded Inhalable γ CD-MOFs by Freeze-Drying Using the QbD Approach, <i>Pharmaceutics</i> , 2024, 16, 1361, DOI: 10.3390/pharmaceutics16111361	5.5	Q1
50.	CHEM-08/A	Nieto González, N., <u>Rassu, G.</u> , Cossu, M., Catenacci, L., Sorrenti, M. L., Cama, E. S., Serri, C., Giunchedi, P., Gavini, E., A thermosensitive chitosan hydrogel: An attempt for the nasal delivery of dimethyl fumarate, <i>International Journal of Biological Macromolecules</i> , 2024, 278, 134908, DOI: 10.1016/j.ijbiomac.2024.134908	7.7	Q1
51.	CHEM-08/A	Nomicisio, C., Taviot-Guého, C., Ruggeri, M., Forano, C., Vigani, B., Viseras, C., Rossi, S., <u>Sandri, G.</u> , Layered double Hydroxides for biomedical purposes: Sustainable and green synthesis, <i>Applied Clay Science</i> , 2024, 258, 107480, DOI: 10.1016/j.clay.2024.107480	5.2	Q1
52.	CHEM-07/C	Patti, S., Magrini Alunno, I., Semproli, R., Tessaro, D., Monti, D., Riva, S., <u>Ubiali, D.</u> , <u>Ferrandi, E. E.</u> , Two-Step Biocatalytic Synthesis of (1S)-Nor(pseudo)ephedrine Catalyzed by Immobilized Enzymes, <i>ChemCatChem</i> , 2024, 16, e202400861, DOI: 10.1002/cctc.202400861	4.6	Q2

53.	CHEM-08/A; MEDS-03/A	Pino, P., Vigani, B., Valentino, C., Ianev, D., Ruggeri, M., Boselli, C., Cornaglia, A.I. Grisoli, P., <u>Onida, B.</u> , Bosco, F., Sandri, G., <u>Rossi, S.</u> , Sustainable whey proteins-nanostructured zinc oxide-based films for the treatment of chronic wounds: New insights from biopharmaceutical studies, <i>International Journal of Biological Macromolecules</i> , 2024, 263, 130655, DOI: 10.1016/j.ijbiomac.2024.130655	7.7	Q1
54.	BIOS-11/A	Pirota, V., Bisbano, G., Oldani, A., Bernardi, E., <u>Serra, M.</u> , <u>Paolillo, M.</u> , <u>Doria, F.</u> , Selective delivery of G-quadruplex ligand in glioma cell lines: the power of cyclic-RGD peptide, <i>Scientific Reports</i> , 2024, 14, 30180, DOI: 10.1038/s41598-024-81513-9	4.3	Q1
55.	CHEM-07/B	Rguez, S., Hamrouni Sellami, I., Abid, G., Papetti, A., Hammami, M., Souissi, F., Chaouachi, M., Muhovski, Y., <u>Msaada, K.</u> , Djébali, N., Tetraclinis articulata essential oil emulsion use as alternative to chemical fungicide to control tomato grey mould disease, <i>International Journal of Environmental Health Research</i> , 2024, 34, 1100, DOI: 10.1080/09603123.2023.2199973	2.6	Q2
56.	CHEM-07/A	Rinaldi, F., Tengattini, S., Amore, E., Scarabelli, F., Massolini, G., Calleri, E., <u>Temporini, C.</u> , Combination of a solid phase extraction and a two-dimensional LC-UV method for the analysis of vitamin D3 and its isomers in olive oil, <i>Talanta</i> , 2024, 269, 125486, DOI: 10.1016/j.talanta.2023.125486	5.1	Q1
57.	CHEM-07/A; CHEM-07/C	Robescu, M.S., Bavaro, T., Medici, F., <u>Speranza, G.</u> , Ubiali, D., <u>Rabuffetti, M.</u> , Improving the Phosphatase-Catalyzed Synthesis of 5'-Nucleotides: A Reaction Engineering Approach, <i>Applied Sciences (Switzerland)</i> , 2024, 14, 6227, DOI: 10.3390/app14146227	2.7	Q1
58.	CHEM-07/A; CHEM-07/C	<u>Robescu, M.S.</u> , <u>Ubiali, D.</u> , Sempoli, R., Bavaro, T., Stepping into the Biocatalysis Lab for Undergraduate Students: From Enzyme Immobilization to Product Isolation, <i>Journal of Chemical Education</i> , 2024, 101, 2790, DOI: 10.1021/acs.jchemed.3c01254	2.8	Q2
59.	CHEM-07/A	<u>Rossino, G.</u> , Marrubini, G., Brindisi, M., Granje, M., Linciano, P., Rossi, D., Collina, S., A green Heck reaction protocol towards trisubstituted alkenes, versatile pharmaceutical intermediates, <i>Frontiers in Chemistry</i> , 2024, 12, 1431382, DOI: 10.3389/fchem.2024.1431382	4.8	Q2
60.	CHEM-08/A	Roussel, T., Ferry, D., Kosta, A., Miele, D., Sandri, G., Tansi, F.L., Steiniger, F., Southern, P., <u>Pankhurst, Q.A.</u> , <u>Peng, L.</u> , <u>Giorgio, S.</u> , Insight into the Internal Structure of High-Performance Multicore Magnetic Nanoparticles Used in Cancer Thermotherapy, <i>ACS Materials Au</i> , 2024, 4, 489, DOI: 10.1021/acsmaterialsau.4c00021	5.7	Q2

61.	CHEM-07/A	Rubes, D., Zupi, M., Bisbano, G., Belvisi, L., Terreni, M., De Lorenzi, E., <u>Serra, M.</u> , A Concise Ring Closing Enyne Metathesis Approach for the Preparation of Functionalized Proline-Derived Azabicycloalkane Amino Acids, <i>European Journal of Organic Chemistry</i> , 2024, 27, e202400599, DOI: 10.1002/ejoc.202400599	2.6	Q2
62.	CHEM-08/A	Ruggeri, M., De Luca, F., Ungolo, A., Vigani, B., Paredes, A.J., Russo, E., Bottone, M.G., Bianchi, E., Ferrari, F., Rossi, S., <u>Sandri, G.</u> , Olive mill wastewater: From by-product to smart antioxidant material, <i>International Journal of Pharmaceutics: X</i> , 2024, 8, 100301, DOI: 10.1016/j.ijpx.2024.100301	5.3	Q1
63.	CHEM-08/A	Ruggeri, M., Miele, D., Caliozna, L., Bianchi, E., Jepsen, J.M., Vigani, B., Rossi, S., <u>Sandri, G.</u> , Hydroxyapatite-Coated Ti6Al4V ELI Alloy: In Vitro Cell Adhesion, <i>Nanomaterials</i> , 2024, 14, 1181, DOI: 10.3390/nano14141181	4.7	Q2
64.	CHEM-08/A; BIOS-11/A; MEDS-03/A	Ruggeri, M., Nomicisio, C., Taviot-Guého, C., Vigani, B., Boselli, C., Grisoli, P., Icaro Cornaglia, A., Bianchi, E., Viseras, C., Rossi, S., <u>Sandri, G.</u> , Smart copper-doped clays in biomimetic microparticles for wound healing and infection control, <i>Materials Today Bio</i> , 2024, 29, 101292, DOI: 10.1016/j.mtbio.2024.101292	8.8	Q1
65.	BIOS-11/A	Rustichelli, S., Lanni, C., Zarà, M., Guidetti, G. F., Torti, M., <u>Canobbio, I.</u> , Curcumin Modulates Platelet Activation and ROS Production Induced by Amyloid Peptides: New Perspectives in Attenuating Prothrombotic Risk in Alzheimer's Disease Patients, <i>Nutrients</i> , 2024, 16, 4419, DOI: 10.3390/nu16244419	5.8	Q1
66.	CHEM-08/A	Suarato, G., Pressi, S., <u>Menna, E.</u> , Ruben, M., <u>Petrini, E.M.</u> , Barberis, A., Miele, D., Sandri, G., Salerno, M., Schirato, A., Alabastri, A., Athanassiou, A., <u>Proietti Zaccaria, R.</u> , <u>Papadopoulou, E.L.</u> , Modified Carbon Nanotubes Favor Fibroblast Growth by Tuning the Cell Membrane Potential, <i>ACS Applied Materials and Interfaces</i> , 2024, 16, 3093, DOI: 10.1021/acsami.3c14527	8.8	Q1
67.	CHEM-08/A; MEDS-03/A	Ungolo, A., Ruggeri, M., Vigani, B., Grisoli, P., Bianchi, E., Viseras, C., Rossi, S., <u>Sandri, G.</u> , Antibacterial, antioxidant and barrier properties of clay-doped electrospun fibers, <i>Materials and Design</i> , 2024, 247, 113405, DOI: 10.1016/j.matdes.2024.113405	8.4	Q1
68.	CHEM-08/A; BIOS-11/A	Vigani, B., Ianev, D., Adami, M., Valentino, C., Ruggeri, M., Boselli, C., Icaro Cornaglia, A., Sandri, G., <u>Rossi, S.</u> , Porous Functionally Graded Scaffold prepared by a single-step freeze-drying process. A bioinspired approach for wound care, <i>International Journal of Pharmaceutics</i> , 2024, 656, 124119, DOI: 10.1016/j.ijpharm.2024.124119	5.6	Q1

69.	CHEM-08/A	Villa, C., Cuna, F.S.R.D., Grignani, E., Perteghella, S., Panzeri, D., Caviglia, D., <u>Russo, E.</u> , Evaluation of the Biological Activity of Manna Exudate, from Fraxinus ornus L., and Its Potential Use as Hydrogel Formulation in Dermatology and Cosmetology, <i>Gels</i> , 2024, 10, 351, DOI: 10.3390/gels10060351	4.9	Q1
70.	CHEM-08/A	<u>Weththimuni, M.L.</u> , Fiocco, G., Girella, A., Vigani, B., Sacchi, D., Rossi, S., <u>Licchelli, M.</u> , Removing Aged Polymer Coatings from Porous Stone Surfaces Using the Gel Cleaning Method, <i>Coatings</i> , 2024, 14, 482, DOI: 10.3390/coatings14040482	3.1	Q2

Reviews

N	SSD involved	Reference (alphabetical order according to the first author)	I.F. (5 years) JCR 2023	Quartili JCR 2023 BY JIF
1.	BIOS-11/A	Campagnoli, L.I.M., <u>Marchesi, N.</u> , Varesi, A., Morozzi, M., Mascione, L., Ricevuti, G., Esposito, C., Galeotti, N., <u>Pascale, A.</u> , New therapeutic avenues in multiple sclerosis: Is there a place for gut microbiota-based treatments?, <i>Pharmacological Research</i> , 2024, 209, 107456, DOI: 10.1016/j.phrs.2024.107456	9.0	Q1
2.	CHEM-08/A	Catenacci, L., Rossi, R., Sechi, F., Buonocore, D., Sorrenti, M., <u>Perteghella, S.</u> , <u>Peviani, M.</u> , Bonferoni, M.C., Effect of Lipid Nanoparticle Physico-Chemical Properties and Composition on Their Interaction with the Immune System, <i>Pharmaceutics</i> , 2024, 16, 1521, DOI: 10.3390/pharmaceutics16121521	5.5	Q1
3.	CHEM-07/B; CHEM-07/A	Colombo, R., Moretto, G., Barberis, M., Frosi, I., <u>Papetti, A.</u> , Rice Byproduct Compounds: From Green Extraction to Antioxidant Properties, <i>Antioxidants</i> , 2024, 13, 35, DOI: 10.3390/antiox13010035	6.7	Q1
4.	CHEM-07/B; CHEM-07/A	Colombo, R., Moretto, G., Pellicorio, V., <u>Papetti, A.</u> , Globe Artichoke (<i>Cynara scolymus</i> L.) By-Products in Food Applications: Functional and Biological Properties, <i>Foods</i> , 2024, 13, 1427, DOI: 10.3390/foods13101427	5.1	Q1

5.	CHEM-07/B; CHEM-07/A	Colombo, R., Pellicorio, V., Barberis, M., Frosi, I., <u>Papetti, A.</u> , Recent advances in the valorization of seed wastes as source of bioactive peptides with multifunctional properties, <i>Trends in Food Science and Technology</i> , 2024, 144, 104322, DOI: 10.1016/j.tifs.2023.104322	16.4	Q1
6.	CHEM-08/A	<u>Esmaceli, J.</u> , Jalise, S.Z., Pisani, S., Rochefort, G.Y., Ghobadinezhad, F., Mirzaei, Z., Mohammed, R.U.R., Fathi, M. Tebyani, A., Nejad, Z.M., Development and characterization of Polycaprolactone/chitosan-based scaffolds for tissue engineering of various organs: A review, <i>International Journal of Biological Macromolecules</i> , 2024, 272, 132941, DOI: 10.1016/j.ijbiomac.2024.132941	7.7	Q1
7.	CHEM-07/B; CHEM-07/A	Frosi, I., Ferron, L., Colombo, R., <u>Papetti, A.</u> , Natural carriers: Recent advances in their use to improve the stability and bioaccessibility of food active compounds, <i>Critical Reviews in Food Science and Nutrition</i> , 2024, 64, 5700, DOI: 10.1080/10408398.2022.2157371	10.3	Q1
8.	CHEM-07/A	Garbagnoli, M., Linciano, P., Listro, R., Rossino, G., Vasile, F., <u>Collina, S.</u> , Biophysical Assays for Investigating Modulators of Macromolecular Complexes: An Overview, <i>ACS Omega</i> , 2024, 9, 17691, DOI: 10.1021/acsomega.4c01309	4.0	Q2
9.	BIOS-11/A	Manai, F., Smedowski, A., Kaarniranta, K., Comincini, S., <u>Amadio, M.</u> , Extracellular vesicles in degenerative retinal diseases: A new therapeutic paradigm, <i>Journal of Controlled Release</i> , 2024, 365, 448, DOI: 10.1016/j.jconrel.2023.11.035	10.6	Q1
10.	BIOS-11/A	Marchesi, N., Capijerri, M., Pascale, A., <u>Barbieri, A.</u> , Different Therapeutic Approaches for Dry and Wet AMD, <i>International Journal of Molecular Sciences</i> , 2024, 25, 13053, DOI: 10.3390/ijms252313053	5.6	Q1
11.	BIOS-11/A	<u>Marchesi, N.</u> , Fahmideh, F., Pascale, A., Allegri, M., Govoni, S., Neuropathic Pain in Aged People: An Unresolved Issue Open to Novel Drug Approaches, Focusing on Painful Diabetic Neuropathy, <i>Current Neuropharmacology</i> , 2024, 22, 53, DOI: 10.2174/1570159X21666230807103642	7.1	Q1
12.	CHEM-08/A	Pisani, S., Tufail, S., Rosalia, M., Dorati, R., Genta, I., Chiesa, E., <u>Conti, B.</u> , Antibiotic-Loaded Nano-Sized Delivery Systems: An Insight into Gentamicin and Vancomycin, <i>Journal of Functional Biomaterials</i> , 2024, 15, 194, DOI: 10.3390/jfb15070194	5.5	Q1
13.	CHEM-07/A	Tengattini, S., Massolini, G., Rinaldi, F., Calleri, E., <u>Temporini, C.</u> , Hydrophilic interaction liquid chromatography (HILIC) for the analysis of intact proteins and glycoproteins, <i>TrAC - Trends in Analytical Chemistry</i> , 2024, 174, 117702, DOI: 10.1016/j.trac.2024.117702	12.7	Q1

14.	CHEM-07/A	Zhang, J., Terreni, M., Liu, F., Sollogoub, M., <u>Zhang, Y.</u> , Ganglioside GM3-based anticancer vaccines: Reviewing the mechanism and current strategies, <i>Biomedicine and Pharmacotherapy</i> , 2024, 176, 116824, DOI: 10.1016/j.biopha.2024.116824	6.8	Q1
-----	-----------	---	-----	----

Editorials

N	SSD involved	Reference (alphabetical order according to the first author)	I.F. (5 years) JCR 2023	Quartili JCR 2023 BY JIF
1.	CHEM-07/A	Ciogli, A., <u>Di Bari, L.</u> , Zinna, F., Berova, N., Pescitelli, G., Trapp, O., Collina, S., Proceedings From 33rd Symposium on Chirality 2023, Rome, Italy, <i>Chirality</i> , 2024, 36, e70005	2.2	Q2

Book chapters

N	SSD involved	Reference (alphabetical order according to the first author)		
1.	CHEM-07/B; CHEM-07/A	Colombo, R., Frosi, I., Papetti, A., Food protein digestion by in vitro static approaches, <i>Protein Digestion-Derived Peptides: Chemistry, Bioactivity, and Health Effects</i> , 2024, 1, DOI: 10.1016/B978-0-443-19141-1.00001-7		