

January-December 2025

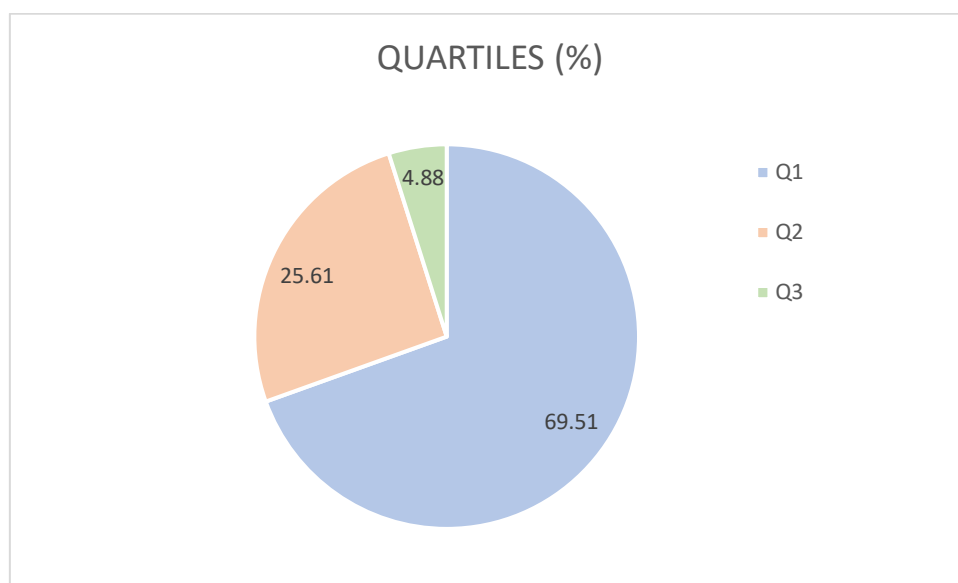
DDS PUBLICATIONS

SUMMARY OF THE DDS 2025 SCIENTIFIC PRODUCTION

Table 1. 2025 scientific production (articles, reviews, chapters and editorials) of DDS

Scientific production	
N. research articles	65
N. reviews	16
N. editorials	1
N. book chapters	4
Quartile	N. articles, reviews and editorials (<i>no chapters</i>)
Q1	56
Q2	22
Q3	4
Q4	/
NA	/
tot Q/NA	82/0
5 year Impact factor	
N. articles, reviews and editorials with a 5 year IF	81
5 year IF (mean)	5.99
N. Corresponding authors / last name of UniPv DDS	
49/18	
N. First authors of UniPv DDS	
11	

Figure 1. 2025 scientific production (articles, reviews and editorials) of DDS according to journal



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 (2024) 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 2025	Q JCR 2025 BY JIF
1.	CHEM-07/A	Ambrosio, F.A., Marchese, E., Listro, R., Linciano, P., Pellegrini, A., <u>Pietrocola, G.</u> , <u>Costa, G.</u> , Collina, S., Alcaro, S., In Silico-Guided Discovery and In Vitro Evaluation of Natural Sortase A Inhibitors to Fight Multidrug-Resistant Staphylococcus aureus, <i>Journal of medicinal chemistry</i> , 2025, 68, 16048, DOI: 10.1021/acs.jmedchem.5c01009	7.6	Q1
2.	CHEM-08/A BIOS-11/A	Bianchi, E., Bañobre-Lopez, M., Ruggeri, M., Del Favero, E., Vigani, B., Ricci, C., Boselli, C., Icaro Cornaglia, A., Albino, M., Sangregorio, C., Lascialfari, A., Zanovello, J., Jannelli, E., Pavesi, F.C., Rossi, S., Casettari, L., <u>Sandri, G.</u> , Magnetic scaffolds for the mechanotransduction stimulation in tendon tissue regeneration, <i>Materials Today Bio</i> , 2025, 32, 101699, DOI: 10.1016/j.mtbio.2025.101699	11.4	Q1
3.	CHEM-08/A	<u>Bini, M.</u> , Bruni, G., Sturini, M., Rossetti, B., Alaimo, G., Auricchio, F., <u>Friuli, V.</u> , Maggi, L., Pure and Doped Brushite Cements Loaded with Piroxicam for Prolonged and Constant Drug Release, <i>Materials</i> , 2025, 18, 1065, DOI: 10.3390/ma18051065	3.8	Q2
4.	CHEM-08/A	Bondi, E., Bloise, N., Soccio, M., <u>Guidotti, G.</u> , Motta, I., Gazzano, M., Ruggeri, M., Fassina, L., Genini, E., Visai, L., Pasquinelli, G., Lotti, N., Synthesis of Flexible Random Copolymers of Poly(butylene trans-1,4-ciclohexanedicarboxylate) Containing Pripol Moiety as Potential Candidates for Vascular Applications: Solid-State Characterization and Preliminary In Vitro Biocompatibility and Hemocompatibility, <i>Biomacromolecules</i> , 2025, 26, 2882, DOI: 10.1021/acs.biomac.4c01668	6.0	Q1
5.	CHEM-08/A	Bondi, E., Restivo, E., Soccio, M., <u>Guidotti, G.</u> , <u>Bloise, N.</u> , Motta, I., Gazzano, M., Ruggeri, M., Fassina, L., Visai, L., Pasquinelli, G., Lotti, N., Design and Characterization of Aromatic Copolyesters Containing Furan and Isophthalic Rings with Suitable Properties for Vascular Tissue Engineering, <i>International Journal of Molecular Sciences</i> , 2025, 26, 6470, DOI: 10.3390/ijms26136470	6.3	Q1
6.	CHEM-07/A	Bononi, G., Gado, F., Masoni, S., Scalabrini, D., Vedova, L.D., Di Stefano, M., Piazza, L., Poles, C., Lonzi, C., Landucci, E., Vagaggini, C., Poggialini, F., Brai, A., Caligiuri, I., Rizzolio, F., Mohamed, K.A., Bertini, S., De Lorenzi, E., Dreassi, E., Macchia, M., Minutolo, F., Laprairie, R.B., <u>Granchi, C.</u> , Tuccinardi, T., Discovery of reversible	4.8	Q1

		monoacylglycerol lipase (MAGL) inhibitors based on ortho-hydroxyanilide scaffold, <i>Bioorganic Chemistry</i> , 2025, 163, 108698, DOI: 10.1016/j.bioorg.2025.108698		
7.	CHEM-08/A	Botti, G., Catenacci, L., <u>Dalpiaz, A.</u> , Randi, L., Bonferoni, M.C., Perteghella, S., Beggiato, S., Ferraro, L., Pavan, B., Sorrenti, M., Nasal Administration of a Nanoemulsion Based on Methyl Ferulate and Eugenol Encapsulated in Chitosan Oleate: Uptake Studies in the Central Nervous System, <i>Pharmaceutics</i> , 2025, 17, 367, DOI: 10.3390/pharmaceutics17030367	6.7	Q1
8.	BIOS-11/A	<u>Buoso, E.</u> , Masi, M., Limosani, R.V., Fagiani, F., Oliviero, C., Colombo, G., Cari, L., Gentili, M., Lusenti, E., Rosati, L., Pisati, F., Pasini, A., Lenti, M.V., Di Sabatino, A., Mobbs, C.L., Przyborski, S., Ronchetti, S., Travelli, C., Racchi, M., Disruption of Epithelial Barrier Integrity via Altered GILZ/c-Rel/RACK1 Signaling in Inflammatory Bowel Disease, <i>Journal of Crohns and Colitis</i> , 2025, 19, 191, DOI: 10.1093/ecco-jcc/jjae191	10.2	Q1
9.	CHEM-07/A	Cadile, F., Ratto, D., Rastelli, G., Ferraro, O.E., Temporini, C., Kumar, S., Boncompagni, S., Rossi, P., <u>Canepari, M.</u> , Ergothioneine supplementation improves pup phenotype and survival in a murine model of spinal muscular atrophy, <i>FEBS Letters</i> , 2025, 599, 3086, DOI: 10.1002/1873-3468.70136	3.4	Q2
10.	CHEM-08/A	Catenacci, L., de Araujo Lima e Souza, G., Vanoli, V., Mannu, A., Castiglione, F., Briatico Vangosa, F., <u>Di Pietro, M.E.</u> , Sorrenti, M., Bonferoni, M.C., Mele, A., Role of gelator concentration in shaping the molecular and macroscopic properties of thymol:camphor supramolecular eutectogels, <i>Journal of Molecular Liquids</i> , 2025, 435, 128154, DOI: 10.1016/j.molliq.2025.128154	5.1	Q1
11.	CHEM-07/A	Cavalloro, V., Malacrida, A., Miloso, M., Ronchi, D., Porta, A., Fossati, A., Gheza, G., De Siervi, S., Mantovani, S., Oliviero, B., Mondelli, M.U., Pugliese, L., <u>Turato, C.</u> , <u>Martino, E.</u> , Collina, S., From lichen to organoids: Usnic acid enantiomers show promise against Cholangiocarcinoma via MNK2 targeting and MAPK pathway modulation, <i>Biomedicine and Pharmacotherapy</i> , 2025, 188, 118208, DOI: 10.1016/j.biopha.2025.118208	7.7	Q1
12.	CHEM-07/A	Cazzaniga, G., Capelli, D., Montanari, R., Fassi, E.M.A., Grazioso, G., Tresoldi, A., Rinaldi, F., Calleri, E., Bassanini, I., Romeo, S., Garofalo, M., <u>Mori, M.</u> , Meneghetti, F., Villa, S., Enhancing the activity of γ -hydroxy lactone derivatives as innovative peroxisome proliferator-activated receptor γ non-agonists inhibiting cyclin-dependent kinase 5-mediated phosphorylation, <i>European Journal of Medicinal Chemistry</i> , 2025, 292, 117657, DOI: 10.1016/j.ejmech.2025.117657	6.6	Q1

13.	BIOS-11/A	Ciampi C, Fagiani F, Murtaj V, Comella F, Torre V, Filibian M, Andolfo A, Braccia C, Opallo N, Bottone MG, Pedrini E, Lucarini E, Bove M, Govoni S, Ghelardini C, Meli R, Trabace L, Pittaluga A, Mattace Raso G, Di Cesare Mannelli L, <u>Lanni C.</u> , Intestinal inflammation induces glymphatic remodeling, priming early neurodegenerative signals in male mice, <i>Alzheimer's and Dementia</i> , 2025, 21, e70640, DOI: 10.1002/alz.70640	5.6	Q1
14.	BIOS-11/A	Coperchini, F., Greco, A., Petrosino, E., Croce, L., Teliti, M., Marchesi, N., Pascale, A., Cali, B., Pignatti, P., Magri, F., Uddin, M., <u>Rotondi, M.</u> , Selective anti-CXCR2 receptor blockade by AZD5069 inhibits CXCL8-mediated pro-tumorigenic activity in human thyroid cancer cells in vitro, <i>Journal of Endocrinological Investigation</i> , 2025, 48, 53, DOI: 10.1007/s40618-024-02410-6	3.9	Q2
15.	CHEM-08/A	D'Antonio, C., Bosco, F.I., Gentili, G., Belmonte, S., DeMartini, G., Condrò, G., <u>Perugini, P.</u> , Exploring Microbial and Biophysical Aspects of Dry Skin: In Vivo Test of a Novel Skincare Formulation, <i>Journal of Cosmetic Dermatology</i> , 2025; 24:e70546, DOI: 10.1111/jocd.70546	3.1	Q2
16.	CHEM-07/A	Della Vedova L., Baron G., Morazzoni P., Santinello S., El Haddad S.M., Valdes Gonzalez J.A., Piazza S., Dell'Agli M., Aldini G., <u>Gado F.</u> White Grape Skin Extraction, Analytical Profile, and Biological Activity: From the Laboratory to the Industrial Scale Within a Circular Economy Framework, <i>Pharmaceuticals</i> 2025, 18, 1373 DOI: 10.3390/ph18091373.	5.5	Q1
17.	MEDS-03/A	<u>Doveri, L.</u> , Diaz Fernandez,Y.A., Dacarro, G., Grisoli, P., Milanese, C., Urena, M., Sok, N., Karbowiak, T., <u>Pallavicini, P.</u> , Active Pectin/Carboxymethylcellulose Composite Films for Bread Packaging. <i>Molecules</i> 2025, 30, 2257. DOI: 10.3390/molecules30112257	5.5	Q2
18.	CHEM-07/A CHEM-08/A	Fontana, A., Colleoni, A., Listro, R., Rossino, G., Linciano, P., Vigani, B., Valentino, C., Cavalloro, V., Temporiti, M.E.E., Tosi, S., Martino, E., <u>Collina, S.</u> , Discovery of semisynthetic derivatives of (R)- and (S)-usnic acids as potential antifungal agents against <i>C. tropicalis</i> and <i>T. rubrum</i> , <i>RSC Medicinal Chemistry</i> , 2025, 16, 4390, DOI: 10.1039/d5md00457h	4.8	Q2
19.	CHEM-07/A	Fossati, A., <u>Cavalloro, V.</u> , Rossi, D., Collina, S., Martino, E., A practical and easy-to-scale protocol for removing chlorophylls from leaf extracts, <i>Applications in Plant Sciences</i> , 2025, 13, e70018, DOI: 10.1002/aps3.70018	3.9	Q2
20.	CHEM-07/B	<u>Fratte, A.</u> , Colletti, A., Cravotto, G., Pellizzato, M., Papetti, A., Pellicorio, V., Bolego, C., Simiele, M., D'Avolio, A., Cignarella, A., Novel Lipid-Based Formulation to Enhance Coenzyme Q10 Bioavailability: Preclinical Assessment and Phase 1 Pharmacokinetic Trial,	6.7	Q1

		<i>Pharmaceutics</i> , 2025, 17, 414, DOI: 10.3390/pharmaceutics17040414		
21.	CHEM-07/A CHEM-07/B	Frosi, I., Colombo, R., Milanese, C., <u>Papetti, A.</u> , Optimization of Pectin-Zein Beads via Response Surface Methodology for Enhanced Colon-Targeted Delivery of p-Coumaric Acid from Rice Husk Extract, <i>Foods</i> , 2025, 14, 2034, DOI: 10.3390/foods14122034	6.5	Q1
22.	CHEM-08/A	Frösler, H.M., Mancapa, N.R., Catenacci, L., Sorrenti, M., Bonferoni, M.C., <u>Caira, M.R.</u> , Screening for Polymorphism, Cyclodextrin Complexation, and Co-Crystallization of the Non-Steroidal Anti-Inflammatory Drug Fenbufen: Isolation and Characterization of a Co-Crystal and an Ionic Co-Crystal of the API with a Common Coformer, <i>Pharmaceutics</i> , 2025, 17, 842, DOI: 10.3390/pharmaceutics17070842	6.7	Q1
23.	CHEM-08/A	Giani, M., Valentino, C., Vigani, B., Ruggeri, M., Guarnieri, A., Salvia, R., Scieuzo, C., Falabella, P., Sandri, G., <u>Rossi, S.</u> , Hermetia illucens-derived chitosan as a promising sustainable biomaterial for wound healing applications: development of sponge-like scaffolds, <i>International Journal of Biological Macromolecules</i> , 2025, 304, 140903, DOI: 10.1016/j.ijbiomac.2025.140903	8.7	Q1
24.	CHEM-08/A	Giglio, A., <u>Chiesa, E.</u> , Iamele, L., Rubes, D., Serra, M., Riva, F., Dorati, R., Conti, B., <u>de Jonge, H.</u> , Genta, I., Engineering anti-c-MET scFv-conjugated PLGA nanoparticles for precision verteporfin delivery in lung cancer cells: a formulation study, <i>International Journal of Pharmaceutics</i> , 2025, 683, 126004, DOI: 10.1016/j.ijpharm.2025.126004	6.2	Q1
25.	CHEM-08/A	Grignano, M.A., <u>Pisani, S.</u> , Gregorini, M., Rainaud, G., Avanzini, M.A., Croce, S., Valsecchi, C., Ceccarelli, G., Islami, T., Margiotto, E., Engineered ATP-Loaded Extracellular Vesicles Derived from Mesenchymal Stromal Cells: A Novel Strategy to Counteract Cell ATP Depletion in an In Vitro Model, <i>International Journal of Molecular Sciences</i> , 2025, 26, 3424, DOI: 10.3390/ijms26073424	6.3	Q1
26.	CHEM-08/A	Gul, M., Quintana-Romero, D.A., Fontana-Escartín, A., Gelmi, M.L., Pérez-Madrigal, M.M., Chiesa, E., <u>Bucci, R.</u> , <u>Alemán, C.</u> , Electrochemical Response of α/β -peptides: Influence of the Peptide Length, Stereochemistry and Self-Assembly on the Performance of Peptide-Based Electrochemical Sensors, <i>Advanced Materials Interfaces</i> , 2025, 12, e00254, DOI: 10.1002/admi.202500254	4.8	Q2
27.	CHEM-08/A	Ianev, D., Vigani, B., Valentino, C., Sorrenti, M., Catenacci, L., Bonferoni, M.C., Ruggeri, M., Sandri, G., Mori, M., <u>Rossi, S.</u> , Whey protein-chitosans complexes as sustainable and value-added biomaterials for wound healing, <i>Carbohydrate Polymer Technologies and Applications</i> , 2025, 9, 100643, DOI: 10.1016/j.carpta.2024.100643	7.5	Q1

28.	CHEM-08/A	Lee, C., Fiocco, G., Vigani, B., Recca, T., Milanese, C., Delledonne, C., Licchelli, M., Rossi, S., Chung, Y., <u>Volpi, F.</u> , <u>Weththimuni, M.L.</u> , Malagodi, M., Chemically Crosslinked Alginate Hydrogel with Polyaziridine: Effects on Physicochemical Properties and Promising Applications, <i>ChemPlusChem</i> , 2025, 90, e202400649, DOI: 10.1002/cplu.202400649	3.2	Q2
29.	CHEM-07/C	Loprete, G., Traverso, E., Vascon, F., Botteri, M., Robescu, M.S., Ubiali, D., Cendron, L., Morosinotto, T., <u>Bergantino, E.</u> Harnessing Photosynthetic ATP for Whole-Cell Biocatalysis in the Cyanobacterium <i>Synechocystis</i> , <i>ACS Sustainable Chemistry and Engineering</i> , 2025, 13, 18667, DOI: 10.1021/acssuschemeng.5c07236	7.8	Q1
30.	BIOS-11/A	Machowicz J, Mróz K, Pacwa A, Gąsiorzek A, Rodak P, Lewin-Kowalik J, Amadio M, <u>Smeđowski A.</u> , Serotonin Signaling Pathway Modulation Affects Retinal Neuron Survival in Experimental Model of Retinal Ischemia, <i>Life</i> , 2025, 15, 1726, DOI: 10.3390/life15111726	3.9	Q1
31.	BIOS-11/A	Marchesi, N., Govoni, S., Page, C.P., Diatchenko, L., <u>Pascale, A.</u> , Fantucci, P., Vertemara, J., Natoli, S., Allegri, M., Interaction of Erdosteine with TrkA Signaling Pathways: Implications for Analgesia, <i>International Journal of Molecular Sciences</i> , 2025, 26, 4079, DOI: 10.3390/ijms26094079	6.3	Q1
32.	CHEM-08/A	<u>Mauramati S.</u> , Sovardi F, Herman I, Carnevale S, Bertino G, Occhini A, Canzi P, Trisolini G, Luchena A, Maniaci A, Robiolio E, Gelli R, Errico E, Pisani S, Benazzo M, Morbini P. Reconstruction after hypopharyngeal cancer surgery: Comparison of outcomes in pectoralis major, radial forearm, and jejunal flap, <i>JPRAS Open</i> , 2025, 46, 685 DOI: 10.1016/j.jpra.2025.07.012Copy to clipboard	1.8 ** (IF solo 2025)	Q2
33.	CHEM-07/A	Merlo, F., Sammatrice, E.S., De Soricellis, G., Rinaldi, F., Calleri, E., Profumo, A., <u>Speltini, A.</u> , A polyacrylate-based biomaterial for improved sample treatment: Application towards multiclass extraction of steroid hormones in drinking water and different milk samples, <i>Microchemical Journal</i> , 2025, 209, 112767, DOI: 10.1016/j.microc.2025.112767	4.9	Q1
34.	CHEM-07/A CHEM-07/B	Moretto, G., Colombo, R., Negri, S., Cena, H., Vailati, L., <u>Papetti, A.</u> , Italian Biodiversity: A Source of Edible Plant Extracts with Protective Effects Against Advanced Glycation End Product-Related Diseases, <i>Nutrients</i> , 2025, 17, 935, DOI: 10.3390/nu17060935	6.5	Q1
35.	BIOS-11/A	Moro M, Balestrero FC, Colombo G, Torretta S, Clemente N, Ciccone V, Del Grosso E, Donnini S, Travelli C, Condorelli F, Sangaletti S, <u>Genazzani AA</u> , Grolla AA. Extracellular nicotinamide phosphoribosyltransferase (eNAMPT) drives abnormal pericyte-rich vasculature in triple-negative breast cancer, <i>Angiogenesis</i> , 2025, 28, 4, DOI: 10.1007/s10456-024-09956-2	9.2	Q1

36.	CHEM-08/A	Nomicisio, C., Ruggeri, M., Taviot-Guého, C., Boselli, C., Icaro Cornaglia, A., Bianchi, E., Del Favero, E., Ricci, C., Firpo, G., Vigani, B., Vacca, P., Viseras, C., Rossi, S., <u>Sandri, G.</u> , Development of clay/alginate/chondroitin sulfate composite microspheres via continuous process for chronic wounds regeneration, <i>Carbohydrate Polymer Technologies and Applications</i> , 2025, 10, 100711, DOI: 10.1016/j.carpta.2025.100711	7.5	Q1
37.	CHEM-07/B	Nouira, F., Altayb, H., Gharbi, D., Bouazizi, R., Frosi, I., Chaieb, K., Papetti, A., <u>Bouslama, L.</u> , Virucidal potential of oleuropein identified in Castana sativa shell: insight from in vitro and in silico studies, <i>International Journal of Environmental Health Research</i> , 2025, 35, 3042, DOI: 10.1080/09603123.2025.2472189	2.5	Q3
38.	CHEM-07/B	Nouira, F., Bouazizi, R., Gharbi, D., Karkouch, I., Papetti, A., <u>Bouslama, L.</u> , Isolation of Two Antiviral Compounds from Pelargonium Graveolens Displaying Different Modes of Action, <i>Current Microbiology</i> , 2025, 82, 580, DOI: 10.1007/s00284-025-04568-5	2.9	Q3
39.	CHEM-07/A	Ovejero-Paredes, K., Bisbano, G., Flier, I., González-Simón, A., Marciello, M., Oliveira, S., Zupi, M., Rubes, D., Ayash, F., Doria, F., Pirota, V., Terreni, M., <u>Serra, M.</u> , <u>Filice, M.</u> , Microfluidic-assisted synthesis of integrin-targeting cRGD liposomes as a scalable strategy for theranostic applications in triple-negative breast cancer, <i>European Journal of Pharmaceutical Sciences</i> , 2025, 213, 107216, DOI: 10.1016/j.ejps.2025.107216	4.8	Q1
40.	CHEM-07/A	<u>Panecka-Hofman J.</u> , Linciano P, Pöhner I, Dyguda-Kazimierowicz E, Jedwabny W, Landi G, Santarem N, Witt G, Ellinger B, Kuzikov M, Luciani R, Ferrari S, Aiello D, Mangani S, Pozzi C, Cordeiro-da-Silva A, Gul S, Costi MP, <u>Wade RC.</u> , Design of 2-Aminobenzothiazole Derivatives Targeting Trypanosomatid PTR1 by a Multidisciplinary Fragment Hybridization Approach, <i>Journal of Medicinal Chemistry</i> , 2025, 68, 20595, DOI: 10.1021/acs.jmedchem.5c01799	7.6	Q1
41.	CHEM-08/A	Party, P., Klement, M.L., Gaudio, B.M., Sorrenti, M., <u>Ambrus, R.</u> , Nanoparticle-Based Dry Powder Inhaler Containing Ciprofloxacin for Enhanced Targeted Antibacterial Therapy, <i>Pharmaceutics</i> , 2025, 17, 486, DOI: 10.3390/pharmaceutics17040486	6.7	Q1
42.	CHEM-07/C	Pecora, D., Ballabio, G., Brioschi, G., Robescu, M.S., Sempoli, R., Mapelli, B., Annunziata, F., Speranza, G., Cappelletti, G., Ubiali, D., <u>Tamborini, L.</u> , Efficient and Versatile Flow Synthesis of New Nonionic Glucamide Surfactants, <i>ACS Omega</i> , 2025, 10, 6976, DOI: 10.1021/acsomega.4c09871	5.1	Q2

43.	CHEM-08/A	Pecorini, G., Tamburriello, M., Tottoli, E.M., Beretta, G., Genta, I., Conti, B., <u>Dorati, R.</u> , Nasti, R., Transforming Agro-Waste Cutin into Sustainable Materials for Biomedical Innovations, <i>Polymers</i> , 2025, 17, 742, DOI: 10.3390/polym17060742	6.1	Q1
44.	CHEM-08/A	Pecorini, G., Tamburriello, M., Tottoli, E.M., Genta, I., Conti, B., Gonzalez, M.N.G., Nasti, R., <u>Dorati, R.</u> , Bioengineering the Future: Tomato Peel Cutin as a Resource for Medical Textiles, <i>Polymers</i> , 2025, 17, 810, DOI: 10.3390/polym17060810	6.1	Q1
45.	CHEM-08/A	<u>Perugini, P.</u> , Grignani, C., Bleve, M., Exposure Intensity Index (EII): A New Tool to Assess the Pollution Exposure Level of the Skin, <i>Cosmetics</i> , 2025, 12, 215, DOI: 10.3390/cosmetics12050215.	4.6	Q2
46.	CHEM-08/A	<u>Pisani, S.</u> , Isaac, G.T., Dorati, R., Genta, I., Bertino, G., Benazzo, M., Conti, B., Assessing liposomal nanocarriers for targeted drug delivery through electroporation, <i>International Journal of Pharmaceutics</i> , 2025, 679, 125708, DOI: 10.1016/j.ijpharm.2025.125708	6.2	Q1
47.	CHEM-08/A	Pisani, S., Piazza, A., Dorati, R., Genta, I., Rosalia, M., Chiesa, E., Bruni, G., Migliavacca, R., <u>Conti, B.</u> , Investigating electrospun shape memory patches as Gentamicin drug delivery system, <i>International Journal of Pharmaceutics</i> , 2025, 673, 125393, DOI: 10.1016/j.ijpharm.2025.125393	6.2	Q1
48.	CHEM-08/A	Reger, L., Giglio, A., Hommel, J. Chiesa, E., Sgarbi, E., Marchini, G., Pizzirani, D., Pinto Carneiro, S., Genta, I., Adams, F., <u>Merkel, O.M.</u> , Spermine-Based Nanocarriers for siRNA Delivery in Fibroblast-Driven Diseases: A Proof-of-Concept Study, <i>Macromolecular Chemistry and Physics</i> , 2025, 226:e00295, DOI: 10.1002/macp.202500295	2.7	Q3
49.	CHEM-07/A	Ricardi, C., Mazzierli, A., Guglielmo, S., Origlia, N., Gado, F., Manera, C., <u>Chiellini, G.</u> , <u>Polini, B.</u> , Multi-Target Protective Effects of β -Caryophyllene (BCP) at the Intersection of Neuroinflammation and Neurodegeneration, <i>International Journal of Molecular Sciences</i> , 2025, 26, 6027, DOI: 10.3390/ijms26136027	6.3	Q1
50.	CHEM-07/A	Rinaldi, F., Salerno, S., Frigoli, E., De Soricellis, G., Brusotti, G., Negri, S., Radice, M., Merlo, F., Speltini, A., Cena, H., <u>Calleri, E.</u> , Development and Application of an In-Capillary CE-DAD Method for the Inhibitory Screening of Natural Extracts Towards Acetylcholinesterase Enzyme, <i>Metabolites</i> , 2025, 15, 283, DOI: 10.3390/metabo15040283	4.5	Q2
51.	CHEM-07/A	Rubes, D., Tengattini, S., Serra, M., Bavaro, T., Temporini, C., Wang, H., Zhang, Y., <u>Rinaldi, F.</u> , Terreni, M., Calleri, E., GCI-Based Affinity Screening of Synthetic Oligomannosides toward Concanavalin A, <i>Chemistry - A European Journal</i> , 2025, 31, e02137, DOI: 10.1002/chem.202502137	3.6	Q2

52.	CHEM-08/A	Ruggeri M., Marsani S., Ungolo A, Vigani B, Bianchi E, Viseras C, Rossi S, <u>Sandri G.</u> , Protein-Based Electrospun Nanofibers Doped with Selenium Nanoparticles for Wound Repair, <i>Pharmaceutics</i> , 2025, 17, 1276, DOI: 10.3390/pharmaceutics17101276	6.7	Q1
53.	CHEM-07/C	Semproli, R., Cassano, L., Ballabio, G., Cappelletti, G., Speranza, G., Donzella, S., Compagno, C., Ubiali, D., <u>Robescu, M.S.</u> , Upcycling cheese whey permeate into fully bio-based surfactants through fermentation and biocatalysis, <i>Applied Microbiology and Biotechnology</i> , 2025, 109:270, DOI: 10.1007/s00253-025-13630-y	5.2	Q2
54.	CHEM-07/B CHEM-07/C	Semproli, R., Robescu, M.S., Mema, K., Bavaro, T., Rabuffetti, M., Verga, R., <u>Speranza, G.</u> , <u>Ubiali, D.</u> , Glycerophosphoinositol and glycerophosphocholine from the enzymatic hydrolysis of fractionated sunflower lecithin, <i>Industrial Crops & Products</i> , 2025, 237, 122253, DOI: 10.1016/j.indcrop.2025.122253	6.5	Q1
55.	CHEM-07/A	Tengattini, S., Tini, A., Marusic, C., Rinaldi, F., Senini, I., Calleri, E., Perez, V., Pisano, C., <u>Donini, M.</u> , <u>Temporini, C.</u> , Plant-related quality attributes affecting FcγRIIIa binding: affinity chromatography analysis of rituximab glycovariants from <i>Nicotiana benthamiana</i> , <i>Frontiers in Plant Science</i> , 2025, 1607403, 16, DOI: 10.3389/fpls.2025.1607403	6.4	Q1
56.	CHEM-07/A	Tumminelli, E., Cavalloro, V., Ingrà, C., Ferrandino, A., Porta, A., Marrubini, G., Martino, E., <u>Rossi, D.</u> , Collina, S., Vineyard pruning-wood waste valorisation: sustainable extraction of bioactive compounds, <i>Frontiers in Chemistry</i> , 2025, 13, 1597833, DOI: 10.3389/fchem.2025.1597833	5.2	Q2
57.	CHEM-07/A	Tumminelli, E., Cavalloro, V., Ratto, D., Marrubini, G., Martino, E., Rossi, P., <u>Rossi, D.</u> , Collina S., Unseparated Olive Pruning Waste as a Sustainable Feedstock: DoE-Optimized Extracts with Antioxidant Activity Equivalent to Isolated Leaves, <i>Antioxidants</i> , 2025, 14, 1441, DOI: 10.3390/antiox14121441	8.5	Q1
58.	CHEM-07/A	Vaccari ME, Cavalloro V, <u>Bedeschi M</u> , Serra P, Simonetti G, Casali E, Porta A, Fossati A, Martino E, Collina S, Tesei A. Preparation of a Micronutrient-Enriched Apricot Kernel Oil and Assessment of In Vitro Chemopreventive Properties, <i>International Journal of Molecular Sciences</i> , 2025, 26, 9237 DOI: 10.3390/ijms26189237	6.3	Q1

59.	CHEM-08/A	Valentino, C., Perucchini, M., <u>Vigani, B.</u> , Ruggeri, M., Pellegrini, A., Pietrocola, G., Varacca, G., Bettini, R., Milanese, C., Sandri, G., Rossi, S., Development of chitosan/hydrolyzed collagen interaction product-based microparticles for the treatment of respiratory tract infections, <i>International Journal of Biological Macromolecules</i> , 2025, 288, 138674, DOI: 10.1016/j.ijbiomac.2024.138674	8.7	Q1
60.	CHEM-08/A	Verni, E., Sabatini, F., Lee, C., Fiocco, G., Weththimuni, M.L., Vigani, B., <u>Lange, H.</u> , Malagodi, M., Volpi, F., Development and characterization of novel tannin-modified konjac glucomannan hydrogels with optimized crosslinking features, <i>Carbohydrate Polymer Technologies and Applications</i> , 2025, 11, 100875, DOI: 10.1016/j.carpta.2025.100875	7.5	Q1
61.	CHEM-07/A	Vodova, M., Babini, E., Soglia, F., Bordini, M., Lioi, M., Tengattini, S., Temporini, C., <u>Gotti, R.</u> , Cyclodextrin-Modified Capillary Zone Electrophoresis for the Chiral Analysis of Proline and Hydroxyproline Stereoisomers in Chicken Collagen Hydrolysates, <i>International Journal of Molecular Sciences</i> , 2025, 26, 5832, DOI: 10.3390/ijms26125832	6.3	Q1
62.	CHEM-08/A	Zucca, G., Perucchini, M., <u>Vigani, B.</u> , Valentino, C., Patterlini, V., Climani, G., D'Angelo, D., Sonvico, F., Muratori, L., Civra, A., Lembo, D., Ruggeri, M., Sandri, G., Rossi, S., Development of a nasal spray based on cyclodextrin/hydrophobically-modified hydroxypropyl-methyl cellulose for the prevention of viral respiratory infections, <i>International Journal of Biological Macromolecules</i> , 2025, 299, 140024, DOI: 10.1016/j.ijbiomac.2025.140024	8.7	Q1
63.	CHEM-08/A BIOS-11/A	Zucca, G., <u>Vigani, B.</u> , Valentino, C., Ruggeri, M., Marchesi, N., Pascale, A., Giovilli, G., Malavasi, L., Sandri, G., <u>Rossi, S.</u> , Chondroitin Sulphate-Chitosan Based Nanogels Loaded with Naringenin- β -Cyclodextrin Complex as Potential Tool for the Treatment of Diabetic Retinopathy: A Formulation Study, <i>International Journal of Nanomedicine</i> , 2025, 20, 907, DOI: 10.2147/IJN.S488507	8.8	Q1
64.	CHEM-08/A	Zucca, G., <u>Vigani, B.</u> , Valentino, C., Ruggeri, M., Sandri, G., Rossi, S., Exploring Sangelose-cyclodextrin in situ-forming hydrogels for vitreous substitution: design, development, and characterization, <i>Materials and Design</i> , 2025, 257, 114480, DOI: 10.1016/j.matdes.2025.114480	9.1	Q1
65.	CHEM-08/A	Zucca, G., <u>Vigani, B.</u> , Valentino, C., Civra, A., Lembo, D., Ruggeri, M., Sandri, G., <u>Rossi, S.</u> , Electrospun hydrogel-forming nanofibres embedded in a pH-responsive film for the prevention of sexually transmitted infections, <i>International Journal of Pharmaceutics-X</i> , 2025, 10, 100456, DOI: 10.1016/j.ijpx.2025.100456,	7.0	Q1

Reviews

N	SSD involved	Reference (alphabetical order according to the first author)	I.F. (5 years) JCR 2024	Q JCR 2024 BY JIF
1.	CHEM-08/A	Bianchi, E., Ruggeri, M., Vigani, B., Aguzzi, C., Rossi, S., <u>Sandri, G.</u> , Synthesis and use of thermoplastic polymers for tissue engineering purposes, <i>International Journal of Pharmaceutics-X</i> , 2025, 9, 100313, DOI: 10.1016/j.ijpx.2024.100313	7.0	Q1
2.	BIOS-11/A	<u>Buoso, E.</u> , Masi, M., Limosani, R.V., Oliviero, C., Saeed, S., Iulini, M., Passoni, F.C., Racchi, M., Corsini, E., Endocrine Disrupting Toxicity of Bisphenol A and Its Analogs: Implications in the Neuro-Immune Milieu, <i>Journal of Xenobiotics</i> , 2025, 15, 13, DOI: 10.3390/jox15010013	5.8	Q1
3.	BIOS-11/A	Campagnoli, L.I.M., Varesi, A., Fahmideh, F., Hakimizad. R., Petkovic, P., Barbieri, A., <u>Marchesi, N.</u> , Pascale, A. From Diabetes to Degenerative Diseases: The Multifaceted Action of Metformin, <i>International Journal of Molecular Sciences</i> , 2025, 26, 9748, DOI: 10.3390/ijms26199748	6.3	Q1
4.	CHEM-08/A	Dorati R, Cosco D, Battaglia L, Cirri M, Conti B, <u>Borghi T</u> , Gabriele M, Bruno GM, Rocco P, <u>Selmin F</u> , Maestrelli F., On-body drug delivery systems: State-of-the-art technologies, clinical application, and future perspectives <i>Drug Discovery Today</i> , 2025, 30, 104441, DOI: 10.1016/j.drudis.2025.104441	8.9	Q1
5.	CHEM-08/A	Evangelista, A., <u>Scocozza, F.</u> , Conti, M., Auricchio, F., Conti, B., Dorati, R., Genta, I., Benazzo, M., Pisani, S., Exploring Mechanical Features of 3D Head and Neck Cancer Models, <i>Journal of Functional Biomaterials</i> , 2025, 16, 74, DOI: 10.3390/jfb16030074	6.2	Q1
6.	CHEM-07/A	<u>Ghizzani, V.</u> , Ascione, A., Gonnella, F., Massolini, G., Luciani, F., Exploring imaged capillary isoelectric focusing parameters for enhanced charge variants quality control, <i>Frontiers in Chemistry</i> , 2025, 13, 1536222, DOI: 10.3389/fchem.2025.1536222	5.2	Q2
7.	BIOS-11/A	<u>Marchesi, N.</u> , Allegri, M., Bruno, G.M., Pascale, A., Govoni, S., Exploring the Potential of Dietary Supplements to Alleviate Pain Due to Long COVID, <i>Nutrients</i> , 2025, 17, 1287, DOI: 10.3390/nu17071287	6.5	Q1
8.	CHEM-08/A	<u>Pisani, S.</u> , Evangelista, A., Chesi, L., Croce, S., Avanzini, M.A., Dorati, R., Genta, I., Benazzo, M., Comoli, P., Conti,	5.5	Q1

		B., Nanofibrous Scaffolds' Ability to Induce Mesenchymal Stem Cell Differentiation for Soft Tissue Regenerative Applications, <i>Pharmaceuticals</i> , 2025, 18, 239, DOI: 10.3390/ph18020239		
9.	CHEM-08/A	Pollini, M., Bianchi, E., Ruggeri, M., Vigani, B., Rossi, S., <u>Sandri, G.</u> , Exploring bioadhesion: insight on innovative strategies to investigate bioadhesive scaffolds, <i>International Journal of Pharmaceutics-X</i> , 2025, 10, 100359, DOI: 10.1016/j.ijpx.2025.100359	7.0	Q1
10.	CHEM-07/A	Ratto D, Cavalloro V, Tumminelli E, Soffientini I, Martino E, <u>Rossi D</u> , Collina S, Rossi P., From Waste to Worth: Transforming Winemaking Residues into High-Value Ingredients, <i>ACS Food Sci Technol</i> , 2025, 5, 3956, DOI: 10.1021/acsfoodscitech.5c00519	3.2	Q3
11.	CHEM-07/A CHEM-07/C	<u>Robescu, M.S., Bavaro, T.</u> , A Comprehensive Guide to Enzyme Immobilization: All You Need to Know, <i>Molecules</i> , 2025, 30, 939, DOI: 10.3390/molecules30040939	5.5	Q2
12.	CHEM-08/A	Ruccolo L, Evangelista A, Benazzo M, Conti B, <u>Pisani S.</u> , Electrospun Bio-Scaffolds for Mesenchymal Stem Cell-Mediated Neural Differentiation: Systematic Review of Advances and Future Directions, <i>International Journal of Molecular Sciences</i> , 2025, 26, 9528, DOI: 10.3390/ijms26199528	5.7	Q1
13.	BIOS-11/A	Serra, M., Buccellini, A., <u>Paolillo, M.</u> , Knocking on Cells' Door: Strategic Approaches for miRNA and siRNA in Anticancer Therapy, <i>International Journal of Molecular Sciences</i> , 2025, 26, 8703, DOI: 10.3390/ijms26178703	6.3	Q1
14.	CHEM-08/A	Tareen, F.K., Catenacci, L., Perteghella, S., <u>Sorrenti, M.</u> , Bonferoni, M.C., Carvacrol Essential Oil as a Neuroprotective Agent: A Review of the Study Designs and Recent Advances, <i>Molecules</i> , 2025, 30, 104, DOI: 10.3390/molecules30010104	5.5	Q2
15.	CHEM-07/A	Tengattini, S., Bavaro, T., Rinaldi, F., Temporini, C., Pollegioni, L., Terreni, M., <u>Piubelli, L.</u> , Novel tuberculosis vaccines based on TB10.4 and Ag85B: State-of-art and advocacy for good practices, <i>Vaccine</i> , 2025, 53, 126932, DOI: 10.1016/j.vaccine.2025.126932	3.5	Q2
16.	CHEM-07/A	Wang, H., Terreni, M., Sollogoub, M., <u>Zhang, Y.</u> , Recent Advances in Synthetic Strategies of Glycans and their Pharmaceutical Applications, <i>Current Medicinal Chemistry</i> , 2025, 32, 6153, DOI: 10.2174/0109298673340376241031041048	3.7	Q2

Book chapters

N	SSD involved	Reference (alphabetical order according to the first author)		
1.	CHEM-07/A CHEM-07/B	Colombo, R., Moretto, G., Milanese, C., <u>Papetti, A.</u> , Phytochemicals from Artichoke (<i>Cynara cardunculus</i> var. <i>scolymus</i> L.) By-Products, <i>Bioactive Phytochemicals in by Products from Bulb Flower and Fruit Vegetables</i> , 2025, 109, DOI: 10.1007/978-3-031-77399-0_5		
2.	CHEM-07/A CHEM-07/B	Pellicorio, V., Barberis, M., Colombo, R., Milanese, C., <u>Papetti, A.</u> , Phytochemicals from Pumpkin (<i>Cucurbita maxima</i>) By-Products, <i>Bioactive Phytochemicals in by Products from Bulb Flower and Fruit Vegetables</i> , 2025, 291, DOI: 10.1007/978-3-031-77399-0_11		
3.	CHEM-08/A	Ruggeri, M., Vigani, B., Rossi, S., Sandri, G., Hydrogels and their application in tissue regeneration, <i>Hydrogels in Drug Delivery Advances in the Manufacture Characterization and Application of Hydrogels to Address Current Global Healthcare Challenges</i> , 2025, 413, DOI: 10.1016/B978-0-443-22017-3.00009-3		
4.	CHEM-08/A	Vigani, B., Valentino, C., Ruggeri, M., Sandri, G., Rossi, S., The role of hydrogels in wound healing, <i>Hydrogels in Drug Delivery: Advances in the Manufacture, Characterization, and Application of Hydrogels to Address Current Global Healthcare Challenges</i> , 2025, 443, DOI: 10.1016/B978-0-443-22017-3.00002-0		

Editorials

N	SSD involved	Reference (alphabetical order according to the first author)	I.F. (5 years) JCR 2025	Q JCR 2025 BY JIF
1.	CHEM-07/A	<u>Speranza, G.</u> , <u>Bavaro, T.</u> , New Advances in Chemoenzymatic Synthesis, <i>Catalysts</i> , 2025, 15, 232, DOI: 10.3390/catal15030232	4.3	Q2