

Elenco pubblicazioni DSFS - Anno 2021

N°	Data di pubblicazione <small>(se disponibile)</small>	Autori corresponding author* Autore DSFS	% docenti DSFS	Dettagli pubblicazione (titolo-rivista-vol-pag-DOI)	Open Access (SI/NO)	Impact Factor <small>(se noto)</small>	Quartile <small>(se noto)</small>
1	05-01-21	D'Amico AG , Maugeri G, Musumeci G, Reglodi D, D'Agata V.		PACAP and NAP: Effect of Two Functionally Related Peptides in Diabetic Retinopathy J Mol Neurosci. 2021 doi: 10.1007/s12031-020-01769-4.	NO	2.89	Q2
2	7-1-2021	Bonaccorso A , Pellitteri R, Ruozi B, Puglia C , Santonocito D , Pignatello R , Musumeci T .	71,4%	Curcumin Loaded Polymeric vs. Lipid Nanoparticles: Antioxidant Effect on Normal and Hypoxic Olfactory Ensheathing Cells. Nanomaterials (Basel), 2021, 11(1):159. doi: 10.3390/nano11010159.	SI	4.324	Q1
3	01-2021	Calabrese G, Petralia S , Franco D, Nocito G, Fabbi C, Forte L, Guglielmino S, Squarzone S, Traina F, Conoci S.	10	A new Ag-nanostructured hydroxyapatite porous scaffold: Antibacterial effect and cytotoxicity study. Materials Science & Engineering C 118 (2021) 111394. https://doi.org/10.1016/j.msec.2020.111394	no	5.88	Q1
4	01-2021	Viceconti M, Pappalardo F , Rodriguez B, Horner M, Bischoff J, Musuamba Tshinanu F.	16.6%	In silico trials: Verification, validation and uncertainty quantification of predictive models used in the regulatory evaluation of biomedical products. Methods. 2021 Jan;185:120-127. doi: 10.1016/j.ymeth.2020.01.011	SI	3.812	Q1
5	02-2021	Rizzo V, Gubitosa J, Fini P, Fraix A , Sortino S , Agostiano A, Cosma P.	29	Development of Spirulina sea-weed raw extract/polyamidoamine hydrogel system as novel platform in photodynamic therapy: Photostability and photoactivity of chlorophyll a Mat. Sci. Eng. C-Mater., 2021, 119, 111593. 10.1016/j.msec.2020.111593	NO	5.88	Q1
6	02-2021	Santonocito D , Raciti G , Campisi A , Sposito G , Panico AM , Siciliano EA , Sarpietro MG , Damiani E, Puglia C	88,9%	Astaxanthin-Loaded Stealth Lipid Nanoparticles (AST-SSLN) as Potential Carriers for the Treatment of Alzheimer's Disease: Formulation Development and Optimization. Nanomaterials (Basel), 2021, 11(2):391.	SI	4.324	Q1

				doi: 10.3390/nano11020391.			
7	02-2021	Rizzo MG, , Carnazza S, De Plano LM, Franco D, Nicolò MS, Zammuto V, Petralia S , Calabrese G, Gugliandolo C, Conoci S, Guglielmino SPP.	9.1%	Rapid detection of bacterial pathogens in blood through engineered phages-beads and integrated Real-Time PCR into MicroChip. Sensors and Actuators B: Chemical Volume 329, 15 February 2021, 129227. https://doi.org/10.1016/j.snb.2020.129227	NO	7.1	Q1
8	02-21	Vivarelli S, Falzone L, Torino F, Scandurra G, Russo, G , Bordonaro R, Pappalardo F , Spandidos D, Raciti G , Libra M	30%	Immune-checkpoint inhibitors from cancer to COVID-19: A promising avenue for the treatment of patients with COVID-19 (Review). International Journal of Oncology, 2021 Feb;58(2):145-157. https://doi.org/10.3892/ijo.2020.5159	SI	3.899	Q1
9	04-2021	Fallica F, Leonardi C, Toscano V, Santonocito D , Leonardi P, Puglia C .	33,4%	Assessment of Alcohol-Based Hand Sanitizers for Long-Term Use, Formulated with Addition of Natural Ingredients in Comparison to WHO Formulation 1. Pharmaceutics, 2021, 13(4):571. doi: 10.3390/pharmaceutics13040571.	SI	4,421	Q1
10	12-05-21	Curreli C, Pappalardo F , Russo G , Pennisi M, Kiagias D, Juarez M, Viceconti M	28,6%	Verification of an agent-based disease model of human Mycobacterium tuberculosis infection. International Journal for Numerical Methods in Biomedical Engineering, 2021; 37:e3470. https://doi.org/10.1002/cnm.3470	SI	2.097	Q1
11	05-2021	Marrazzo A , Torrisi C , Barbaraci C , Amata E , Castelli F , Sarpietro MG*	100%	Interaction of new sigma ligands with biomembrane models evaluated by differential scanning calorimetry and Langmuir-Blodgett studies. Colloids and Surfaces B: Biointerfaces 201 (2021) 111643 https://doi.org/10.1016/j.colsurfb.2021.111643	NO	4.389	Q1
12	06-2021	Sarpietro MG* , Torrisi C , Di Sotto A, Castelli F	75%	Interaction of limonene, terpineol, and 1,8 cineol with a model of biomembrane: A DSC study. Thermochimica Acta 700 (2021) 178938 https://doi.org/10.1016/j.tca.2021.178938	NO	2.762	Q2
13	05-2021	Sguizzato M, Ferrara F, Hallan SS, Baldisserotto A,	9,1%	Ethosomes and Transethosomes for Mangiferin Transdermal Delivery. Antioxidants 2021, 10, 768.	SI	5.014	Q1

		Drechsler M, Malatesta M, Costanzo M, Cortesi R, Puglia C , Valacchi G, Esposito E		https://doi.org/ 10.3390/antiox10050768 .			
14	10-2021	Guccione S , Tomasella C , Binello A, Cravatto G.	50%	Therapeutically Valuable Bioactive Extracts from Mediterranean Plants: Green Technologies and Molecular Modelling for a Viable Endeavour in Green Chemistry and Computational Chemistry: Shared Lessons in Sustainability by Liliana Mammino. ELSEVIER	NO	Book	Q1
15	8-2020	Francisco Javier, Leyva Jiménez, Maria Letizia Manca, Maria Manconi, Carla Caddeo, José Antonio Vázquez, Claudia Carbone , Jesús Lozano- Sánchez*, David Arráez-Román, Antonio Segura- Carretero	10%	Development of advanced phospholipid vesicles loaded with lippia citriodora pressurized liquid extract for the treatment of gastrointestinal disorders. Food Chemistry, 2021, 337, 127746. doi.org/10.1016/j.foodchem.2020.127746	NO	6.306	Q1
16	12-2020	Giovanni Amato*, Maria Aurora Grimaudo*, Carmen Alvarez-Lorenzo, Angel Concheiro, Claudia Carbone , Angela Bonaccorso, Giovanni Puglisi, Teresa Musumeci	25%	Hyaluronan/poly-l-lysine/berberine nanogels for impaired wound healing. Pharmaceutics 2021, 13, 34. https://doi.org/10.3390/pharmaceutics13010034	SI	4.773	Q1
17	03-2021	Cinzia Cimino, Oriana Maria Maurel, Teresa Musumeci , Angela Bonaccorso, Filippo Drago, Eliana Maria Barbosa Souto, Rosario Pignatello , Claudia Carbone*	37.5%	Essential oils: pharmaceutical applications and encapsulation strategies into lipid-based delivery systems. Pharmaceutics 2021, 13, 327. https://doi.org/10.3390/pharmaceutics13030327	SI	4.773	Q1
18	04-2021	Angela Bonaccorso, Nunziatina Russo, Alessia Romeo, Claudia Carbone , Maria Aurora Grimaudo, Carmen Alvarez-Lorenzo, Cinzia Randazzo, Teresa Musumeci* , Cinzia Caggia	22,2%	Coating Lactocaseibacillus rhamnosus GG in Alginate Systems: an Emerging Strategy Towards Improved Viability in Orange Juice. AAPS PharmSciTech (2021) 22:123. DOI: 10.1208/s12249-021-01996-x		2.401	Q2
19	05-2021	Alessia Romeo, Teresa Musumeci* , Claudia Carbone , Angela Bonaccorso, Simona Corvo, Gabriella Lupo*,	33,3%	Ferulic acid-loaded polymeric nanoparticles for potential ocular delivery. Pharmaceutics 2021, 13, 687. https://doi.org/10.3390/pharmaceutics13050687	SI	4.773	Q1

		Carmelina Daniela Anfuso, Giovanni Puglisi, Rosario Pignatello					
20	04-2021	Consoli V, Sorrenti V , Grosso S, Vanella L.	50%	Heme Oxygenase-1 Signaling and Redox Homeostasis in Physiopathological Conditions. <i>Biomolecules</i> 2021 Apr 16;11(4):589. doi: 10.3390/biom11040589.	SI	4.082	Q2
21	06-2021	Pecora TMG, Ragazzo B, Bertin W, agonese A, Mascagni M, Maffei P, Pignatello R.	14%	Rheological behavior of a new mucoadhesive oral formulation based on sodium chondroitin sulfate, xyloglucan and glycerol. <i>J Funct Biomater.</i> 12(2):28 (2021) doi: 10.3390/jfb12020028	SI	-	Q1
22	07-2021	Lombardo R., Musumeci T., Carbone C., Pignatello, R.	75%	Nanotechnologies for intranasal drug delivery: an update of literature. <i>Pharm. Dev. Technol.</i> (2021) doi:10.1080/10837450.2021.1950186	NO	3.133	Q2
23	07-2021	Bonaccorso A., Carbone C. , Tomasello B. , Italiani P., Musumeci T. , Puglisi G., Pignatello R.	60%	Optimization of dextran sulfate/poly-L-lysine based nanogels polyelectrolyte complex for intranasal ovalbumin delivery. <i>J. Drug Deliv. Sci. Technol.</i> 65, 102678 (2021) doi: 10.1016/j.jddst.2021.102678	NO	3.981	Q2
24	06-2021	Viceconti M., Emili L., Afshari P., Courcelles E., Curreli C., Famaey N., Geris L., Horner M., Jori M.C., Kulesza A., Loewe A., Neidlin M., Reiterer M., Rousseau C. F., Russo G. , Sonntag S.J., Voisin E. M., Pappalardo F.	11,1%	Possible Contexts of Use for In Silico trials methodologies: a consensus-based review. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 doi: 10.1109/JBHI.2021.3090469	SI	5.772	Q1
25	02-2021	D'Angeli F., Malfa G.A. , Garozzo A., Li Volti G., Genovese C., Stivala A., Nicolosi D., Attanasio F., Bellia F., Ronsisvalle S. , Acquaviva R.	27,27%	Antimicrobial, antioxidant, and cytotoxic activities of <i>Juglans regia</i> L. pellicle extract <i>Antibiotics</i> 2021, 10, 159 doi.org/10.3390/antibiotics10020159	SI	4,63	Q2
26	03-2021	Acquaviva R. , Malfa G.A. and Di Giacomo C.	100%	Plant-based bioactive molecules in improving health and preventing lifestyle diseases <i>Int. J. Mol. Sci.</i> 2021, 22, 2991	Si	5,92	Q1
27	04-2021	Das G., Shin H.S., Tundis R., Gonçalves S., Tantengco O.A.G., Campos M., Acquaviva R. , Malfa G.A. , Romano A.,	16,6%	Plant species of sub-family Valerianaceae: - A review on its effect on the central nervous system	Si	3,93	Q1

		Robles J.A.H., Clores M.Q., Patra J.K		Plants 2021, 10, 846. https://doi.org/10.3390/plants10050846			
28		Licursi V., Wang W., Di Nisio E., Cammarata F.P., Acquaviva R. , Russo G., Manti L., Guidi C., Fratini E., Kamel G.; Amendola R., Pisciotto P. Negri R.	7,69	Transcriptional modulations induced by proton irradiation in mice skin in function of adsorbed dose and distance Journal of Radiation Research and Applied Sciences 2021 in press	Si	1,77	Q1
29	06-2021	Russo G., Di Salvatore V., Caraci F. , Currell C., Viceconti M., Pappalardo F.	66,6%	How can we accelerate COVID-19 vaccine discovery? Expert Opinion on Drug Discovery, 2021 https://doi.org/10.1080/17460441.2021.1935861	SI	4.887	Q1
30	01-2021	Viceconti M., Pappalardo F. , Rodriguez B., Horner M., Bischoff J., Tshinanu Musuamba F.	16,6%	In silico trials: Verification, validation and uncertainty quantification of predictive models used in the regulatory evaluation of biomedical products Methods, Volume 185, 2021, Pages 120-127 doi:10.1016/j.ymeth.2020.01.011	SI	3.608	
31	2021	Romeo R. Giofre S.V. Chiacchio M.A. Veltri L. Celesti C. Iannazzo D.	16,6%	Synthesis and biological evaluation of 2,3,4-triaryl-1,2,4-oxadiazol-5-ones as p38 mapk inhibitors Molecules, Volume 26, Issue 6, 2021, Article number 1745 doi:10.3390/molecules26061745	SI	4,411	Q1
32	04-2021	Pappalardo A. Ballistreri F.P. Toscano R.M. Chiacchio M.A. Legnani L. Grazioso G. Veltri L. Trusso Sfrassetto G.	25%	Alkene epoxidations mediated by manganese macrocyclic catalysts Catalysts, Volume 11, Issue 4, Article number 465 DOI:10.3390/catal11040465	SI	4,146	Q1
33	04-2021	Veltri L. Amuso R. Petrilli M. Cuocci C. Chiacchio M.A. Vitale P. Gabriele B.	14,2%	A zinc-mediated deprotective annulation approach to new polycyclic heterocycles Molecules, Volume 26, Issue 82, Article number 2318 DOI:10.3390/molecules26082318	SI	4,411	Q1

34	01-2021	Moller AC, Parra C, Said B, Werner E, Flores S, Villena J, Russo A , Caro N, Montenegro I, Madrid A.	10%	Antioxidant and Anti-Proliferative Activity of Essential Oil and Main Components from Leaves of <i>Aloysia polystachya</i> Harvested in Central Chile Molecules. 2021;26(1):131. doi: 10.3390/molecules26010131	SI	4,411	Q1
35	07-2021	Pasquinucci L* , Parenti C , Georgoussi Z, Reina L, Tomarchio E, Turnaturi R*	33,3%	LP1 and LP2: Dual-Target MOPr/DOPr Ligands as Drug Candidates for Persistent Pain Relief Molecules. 2021;26(14):4168. doi: 10.3390/molecules26144168.	SI	4,411	Q1
36	02-2021	Zappalà A, Vicario N, Calabrese G, Turnaturi R, Pasquinucci L , Montenegro L , Spadaro A , Parenti R, Parenti C .	44,44	Neuroprotective effects of <i>Rosmarinus officinalis</i> L. extract in oxygen glucose deprivation (OGD)-injured human neural-like cells. Nat Prod Res. 2021; 35(4):669-675. doi: 10.1080/14	NO	2,861	Q2
37	07-2021	Santangelo R , Giuffrida ML, Satriano C, Tomasello MF, Zimbone S, Copani A	33,3%	β -amyloid monomers drive up neuronal aerobic glycolysis in response to energy stressors. Aging (Albany NY). https://doi.org/10.18632/aging.203330 [Epub ahead of print]	SI	5,682	Q1 (by IF in geriatrics and gerontology)
38	03-2021	Seggio M. , Payamifar S., Fraix A. , Kalydi E., Kasal P., Catanzano O., Conte C., Quaglia F., Sortino S.*	33.3%	Visible light-activatable cyclodextrin-conjugates for the efficient delivery of nitric oxide with fluorescent reporter and their inclusion complexes with betaxolol New Journal of Chemistry, 2021,45, 8449-8455 https://doi.org/10.1039/D1NJ00039J	NO	3.591	Q1
39	03-2021	Parisi C. , Failla M., Fraix A. , Menilli L., Moret F., Reddi E., Rolando B., Spyrakis F., Lazzarato L., Fruttero R., Gasco A., Sortino S.*	25%	A generator of peroxyxynitrite activatable with red light Chemical Science, 2021, 12, 4740-4746. 10.1039/d0sc06970a	SI	9.825	Q1
40	06-2021	Fraix A. , Parisi C. , Seggio M. , Sortino S.*	100%	Nitric Oxide Photoreleasers with Fluorescent Reporting https://doi.org/10.1002/chem.202101662	NO	5.236	Q1
41	06-2021	Khalil M., Jeanne Dit Fouque D., Berchel M,* Memboeuf A., Jaffres P.-A.,* Fraix A. , Sortino S. , Dupont A.	22.2%	Phosphonodithioester-amine coupling in water: a fast reaction to modify the surface of liposomes https://doi.org/10.1039/D1OB01078F	NO	3.876	Q1
42	02-2021	G.A. Malfa , C. Di Giacomo , L. Cardia,	33,3%	A standardized extract of <i>Opuntia ficus-indica</i> (L.) Mill and <i>Olea europaea</i> L. improves gastrointestinal	SI	5.878	Q1

		E.E. Sorbara, C. Mannucci, G. Calapai		discomfort: A double-blinded randomized-controlled study			
43	06-2021	Romeo, G., Ciaffaglione, V., Amata, E., Dichiarà, M., Calabrese, L., Vanella, L., Sorrenti, V., Grosso, S., D'amico, A.G., D'agata, V., Intagliata, S., Salerno L.	50%	Combination of heme oxygenase-1 inhibition and sigma receptor modulation for anticancer activity (2021) <i>Molecules</i> , 26 (13), art. no. 3860. DOI: 10.3390/molecules26133860	SI	4.411	Q2
44	06-2021	Fallica, A.N., Pittalà, V., Modica, M.N., Salerno, L., Romeo, G., Marrazzo, A., Helal, M.A., Intagliata, S.	75%	Recent Advances in the Development of Sigma Receptor Ligands as Cytotoxic Agents: A Medicinal Chemistry Perspective (2021) <i>Journal of Medicinal Chemistry</i> , 64 (12), pp. 7926-7962. DOI: 10.1021/acs.jmedchem.0c02265	SI	7.44	Q1
45	05-2021	Romeo, G., Bonanno, F., Wilson, L.L., Arena, E., Modica, M.N., Pittalà, V., Salerno, L., Prezzavento, O., McLaughlin, J.P., Intagliata, S.	50%	Development of New Benzylpiperazine Derivatives as σ_1 Receptor Ligands with in Vivo Antinociceptive and Anti-Allodynic Effects (2021) <i>ACS Chemical Neuroscience</i> , 12 (11), pp. 2003-2012. DOI: 10.1021/acschemneuro.1c00106	SI	4.41	Q1
46	05-2021	Giurdanella, G., Longo, A., Salerno, L., Romeo, G., Intagliata, S., Lupo, G., Distefano, A., Platania, C.B.M., Bucolo, C., Volti, G.L., Anfuso, C.D., Pittalà, V.	33,33%	Glucose-impaired corneal re-epithelialization is promoted by a novel derivate of dimethyl fumarate (2021) <i>Antioxidants</i> , 10 (6), art. no. 831. DOI: 10.3390/antiox10060831	SI	6.31	Q1
47	02-2021	Ben Khalaf, N., Pham, S., Romeo, G., Abdelghany, S., Intagliata, S., Sedillo, P., Salerno, L., Gonzales, J., Fathallah, D.M., Perkins, D.J., Hurwitz, I., Pittalà, V	33,33%	A computer-aided approach to identify novel Leishmania major protein disulfide isomerase inhibitors for treatment of leishmaniasis (2021) <i>Journal of Computer-Aided Molecular Design</i> , 35 (3), pp. 297-314. DOI: 10.1007/s10822-021-00374-w	NO	3.68	Q1
48	06-2021	Salerno, L., Vanella, L., Sorrenti, V., Consoli, V., Ciaffaglione, V., Fallica, A.N., Canale, V., Zajdel, P., Pignatello, R., Intagliata, S.	50%	Novel mutual prodrug of 5-fluorouracil and heme oxygenase-1 inhibitor (5-FU/HO-1 hybrid): design and preliminary in vitro evaluation (2021) <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 36 (1), pp. 1378-1386. DOI: 10.1080/14756366.2021.192811	SI	5.05	Q1
49	12-2020	Intagliata, S., Spadaro, A., Lorenti, M., Panico, A., Siciliano, E.A.,	50%	In vitro antioxidant and anti-glycation activity of resveratrol and its novel triester with trolox (2021)	SI	6.31	Q1

		Barbagallo, S., Macaluso, B., Kamble, S.H., Modica, M.N., Montenegro, L.		Antioxidants, 10 (1), art. no. 12, pp. 1-12. DOI: 10.3390/antiox10010012			
50	06-2021	Sorrenti V, D'Amico AG, Barbagallo I, Consoli V, Grosso S, Vanella L.	66%	Tin Mesoporphyrin Selectively Reduces Non-Small-Cell Lung Cancer Cell Line A549 Proliferation by Interfering with Heme Oxygenase and Glutathione Systems Biomolecules. 2021 Jun 21;11(6):917. doi: 10.3390/biom11060917.	SI	4.879	Q2
51	07-2021	Chiechio S, Zammataro M, Barresi M, Amenta M, Ballistreri G, Fabroni S, Rapisarda P.	43%	A Standardized Extract Prepared from Red Orange and Lemon Wastes Blocks High-Fat Diet-Induced Hyperglycemia and Hyperlipidemia in Mice. Molecules. 2021 Jul 15;26(14):4291. doi: 10.3390/molecules26144291.	Si	4.411	Q1
52	07-2021	Sorrenti V, Consoli V, Grosso S, Raffaele M, Amenta M, Ballistreri G, Fabroni S, Rapisarda P, Vanella L.	22%	Bioactive Compounds from Lemon (Citrus limon) Extract Overcome TNF- α -Induced Insulin Resistance in Cultured Adipocytes Molecules 2021, 26(15), 4411; https://doi.org/10.3390/molecules26154411	SI	4.411	Q2