AmÃ©lia M. Silva

List of Publications by Year
in descending order

197 papers	8,275 citations	50244 46 h-index	60583 81 g-index
197 all docs	197 docs citations	197 times ranked	9549 citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Based Nanoparticles as Antimicrobial Agents: An Overview. Nanomaterials, 2020, 10, 292.	1.9	769
2	Polymeric Nanoparticles: Production, Characterization, Toxicology and Ecotoxicology. Molecules, 2020, 25, 3731.	1.7	640
3	Nanotoxicology applied to solid lipid nanoparticles and nanostructured lipid carriers â€“ A systematic review of in vitro data. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 87, 1-18.	2.0	327
4	Current State-of-Art and New Trends on Lipid Nanoparticles (SLN and NLC) for Oral Drug Delivery. Journal of Drug Delivery, 2012, 2012, 1-10.	2.5	236
5	Memantine loaded PLGA PEGylated nanoparticles for Alzheimerâ€™s disease: in vitro and in vivo characterization. Journal of Nanobiotechnology, 2018, 16, 32.	4.2	163
6	Linalool bioactive properties and potential applicability in drug delivery systems. Colloids and Surfaces B: Biointerfaces, 2018, 171, 566-578.	2.5	139
7	Tramadol hydrochloride: Pharmacokinetics, pharmacodynamics, adverse side effects, co-administration of drugs and new drug delivery systems. Biomedicine and Pharmacotherapy, 2015, 70, 234-238.	2.5	135
8	Design of cationic lipid nanoparticles for ocular delivery: Development, characterization and cytotoxicity. International Journal of Pharmaceutics, 2014, 461, 64-73.	2.6	118
9	Nanoparticle Delivery Systems in the Treatment of Diabetes Complications. Molecules, 2019, 24, 4209.	1.7	114
10	PEGylated PLGA nanospheres optimized by design of experiments for ocular administration of dexibuprofenâ€”in vitro, ex vivo and in vivo characterization. Colloids and Surfaces B: Biointerfaces, 2016, 145, 241-250.	2.5	108
11	Control of pulsatile 5-HT/insulin secretion from single mouse pancreatic islets by intracellular calcium dynamics. Journal of Physiology, 1998, 510, 135-143.	1.3	103
12	Nanotechnology for the development of new cosmetic formulations. Expert Opinion on Drug Delivery, 2019, 16, 313-330.	2.4	103
13	Biopharmaceutical evaluation of epigallocatechin gallate-loaded cationic lipid nanoparticles (EGCG-LNs): In vivo , in vitro and ex vivo studies. International Journal of Pharmaceutics, 2016, 502, 161-169.	2.6	101
14	Nanoencapsulation of polyphenols for protective effect against colonâ€“rectal cancer. Biotechnology Advances, 2013, 31, 514-523.	6.0	97
15	Sugar-Lowering Drugs for Type 2 Diabetes Mellitus and Metabolic Syndromeâ€”Review of Classical and New Compounds: Part-I. Pharmaceuticals, 2019, 12, 152.	1.7	95
16	Surface engineering of silica nanoparticles for oral insulin delivery: Characterization and cell toxicity studies. Colloids and Surfaces B: Biointerfaces, 2014, 123, 916-923.	2.5	93
17	Anti-inflammatory and anti-cancer activity of citral: Optimization of citral-loaded solid lipid nanoparticles (SLN) using experimental factorial design and LUMiSizerÂ®. International Journal of Pharmaceutics, 2018, 553, 428-440.	2.6	92
18	Preparation and characterization of PEG-coated silica nanoparticles for oral insulin delivery. International Journal of Pharmaceutics, 2014, 473, 627-635.	2.6	91

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19	Cationic Surfactants: Self-Assembly, Structure-Activity Correlation and Their Biological Applications. International Journal of Molecular Sciences, 2019, 20, 5534.	1.8	88
20	Physicochemical characterization of epigallocatechin gallate lipid nanoparticles (EGCG-LNs) for ocular instillation. Colloids and Surfaces B: Biointerfaces, 2014, 123, 452-460.	2.5	85
21	Effect of mucoadhesive polymers on the in vitro performance of insulin-loaded silica nanoparticles: Interactions with mucin and biomembrane models. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 93, 118-126.	2.0	85
22	Citrus reticulata Blanco peels as a source of antioxidant and anti-proliferative phenolic compounds. Industrial Crops and Products, 2018, 111, 141-148.	2.5	82
23	Nanotechnology-based formulations for resveratrol delivery: Effects on resveratrol in vivo bioavailability and bioactivity. Colloids and Surfaces B: Biointerfaces, 2019, 180, 127-140.	2.5	82
24	Nanomaterials for Skin Delivery of Cosmeceuticals and Pharmaceuticals. Applied Sciences (Switzerland), 2020, 10, 1594.	1.3	79
25	Memantineâ€Loaded PEGylated Biodegradable Nanoparticles for the Treatment of Glaucoma. Small, 2018, 14, 1701808.	5.2	77
26	Potential application of grape (Vitis vinifera L.) stem extracts in the cosmetic and pharmaceutical industries: Valorization of a by-product. Industrial Crops and Products, 2020, 154, 112675.	2.5	75
27	Current nanotechnology approaches for the treatment and management of diabetic retinopathy. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 95, 307-322.	2.0	72
28	Microemulsions and Nanoemulsions in Skin Drug Delivery. Bioengineering, 2022, 9, 158.	1.6	72
29	Mediterranean essential oils as precious matrix components and active ingredients of lipid nanoparticles. International Journal of Pharmaceutics, 2018, 548, 217-226.	2.6	71
30	Cationic solid lipid nanoparticles (cSLN): Structure, stability and DNA binding capacity correlation studies. International Journal of Pharmaceutics, 2011, 420, 341-349.	2.6	67
31	In vitro evaluation of permeation, toxicity and effect of praziquantel-loaded solid lipid nanoparticles against Schistosoma mansoni as a strategy to improve efficacy of the schistosomiasis treatment. International Journal of Pharmaceutics, 2014, 463, 31-37.	2.6	65
32	Solid lipid nanoparticles for hydrophilic biotech drugs: Optimization and cell viability studies (Caco-2) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.6	64
33	Cationic solid lipid nanoparticles interfere with the activity of antioxidant enzymes in hepatocellular carcinoma cells. International Journal of Pharmaceutics, 2014, 471, 18-27.	2.6	64
34	Biosurfactants: Properties and Applications in Drug Delivery, Biotechnology and Ecotoxicology. Bioengineering, 2021, 8, 115.	1.6	64
35	(+)-Limonene 1,2-Epoxide-Loaded SLNs: Evaluation of Drug Release, Antioxidant Activity, and Cytotoxicity in an HaCaT Cell Line. International Journal of Molecular Sciences, 2020, 21, 1449.	1.8	62
36	In vitro , ex vivo and in vivo characterization of PLGA nanoparticles loading pranoprofen for ocular administration. International Journal of Pharmaceutics, 2016, 511, 719-727.	2.6	60

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37	Sucupira Oil-Loaded Nanostructured Lipid Carriers (NLC): Lipid Screening, Factorial Design, Release Profile, and Cytotoxicity. Molecules, 2020, 25, 685.	1.7	60
38	Clotrimazole-Loaded Mediterranean Essential Oils NLC: A Synergic Treatment of Candida Skin Infections. Pharmaceutics, 2019, 11, 231.	2.0	59
39	Effects of combined physical exercise training on DNA damage and repair capacity: role of oxidative stress changes. Age, 2015, 37, 9799.	3.0	57
40	Modified Rose Bengal assay for surface hydrophobicity evaluation of cationic solid lipid nanoparticles (cSLN). European Journal of Pharmaceutical Sciences, 2012, 45, 606-612.	1.9	55
41	Optimization of linalool-loaded solid lipid nanoparticles using experimental factorial design and long-term stability studies with a new centrifugal sedimentation method. International Journal of Pharmaceutics, 2018, 549, 261-270.	2.6	55
42	d -Î±-tocopherol nanoemulsions: Size properties, rheological behavior, surface tension, osmolarity and cytotoxicity. Saudi Pharmaceutical Journal, 2017, 25, 231-235.	1.2	53
43	Development and Optimization of Alpha-Pinene-Loaded Solid Lipid Nanoparticles (SLN) Using Experimental Factorial Design and Dispersion Analysis. Molecules, 2019, 24, 2683.	1.7	52
44	In Vitro Cytotoxicity of Oleanolic/Ursolic Acids-Loaded in PLGA Nanoparticles in Different Cell Lines. Pharmaceutics, 2019, 11, 362.	2.0	52
45	Loading, release profile and accelerated stability assessment of monoterpenes-loaded solid lipid nanoparticles (SLN). Pharmaceutical Development and Technology, 2020, 25, 832-844.	1.1	52
46	Synthesis and Potential Applications of Lipid Nanoparticles in Medicine. Materials, 2022, 15, 682.	1.3	52
47	Ocular Drug Delivery - New Strategies for Targeting Anterior and Posterior Segments of the Eye. Current Pharmaceutical Design, 2016, 22, 1135-1146.	0.9	51
48	Uveal melanoma: physiopathology and new in situ-specific therapies. Cancer Chemotherapy and Pharmacology, 2019, 84, 15-32.	1.1	48
49	Physicochemical and biopharmaceutical aspects influencing skin permeation and role of SLN and NLC for skin drug delivery. Heliyon, 2022, 8, e08938.	1.4	48
50	Cyclodextrin-based delivery systems for in vivo-tested anticancer therapies. Drug Delivery and Translational Research, 2021, 11, 49-71.	3.0	46
51	Glyphosate vs. Glyphosate-Based Herbicides Exposure: A Review on Their Toxicity. Journal of Xenobiotics, 2022, 12, 21-40.	2.9	46
52	Nanoemulsions for delivery of flavonoids: formulation andin vitrorelease of rutin as model drug. Pharmaceutical Development and Technology, 2014, 19, 677-680.	1.1	45
53	Comet assay reveals no genotoxicity risk of cationic solid lipid nanoparticles. Journal of Applied Toxicology, 2014, 34, 395-403.	1.4	45
54	Efficient chemo-enzymatic gluten detoxification: reducing toxic epitopes for celiac patients improving functional properties. Scientific Reports, 2015, 5, 18041.	1.6	45

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55	Background Ca2+ influx mediated by a dihydropyridine- and voltage-insensitive channel in pancreatic beta-cells. Modulation by Ni2+, diphenylamine-2-carboxylate, and glucose metabolism.. Journal of Biological Chemistry, 1994, 269, 17095-17103.	1.6	45
56	Biomedical potential of clay nanotube formulations and their toxicity assessment. Expert Opinion on Drug Delivery, 2019, 16, 1169-1182.	2.4	44
57	Hawthorn (Crataegus spp.): An Updated Overview on Its Beneficial Properties. Forests, 2020, 11, 564.	0.9	44
58	Loading of praziquantel in the crystal lattice of solid lipid nanoparticles. Journal of Thermal Analysis and Calorimetry, 2012, 108, 353-360.	2.0	43
59	Soft Cationic Nanoparticles for Drug Delivery: Production and Cytotoxicity of Solid Lipid Nanoparticles (SLNs). Applied Sciences (Switzerland), 2019, 9, 4438.	1.3	43
60	Trends in Atopic Dermatitisâ€"From Standard Pharmacotherapy to Novel Drug Delivery Systems. International Journal of Molecular Sciences, 2019, 20, 5659.	1.8	43
61	Sugar-Lowering Drugs for Type 2 Diabetes Mellitus and Metabolic Syndromeâ€"Strategies for In Vivo Administration: Part-II. Journal of Clinical Medicine, 2019, 8, 1332.	1.0	43
62	Surface-tailored anti-HER2/neu-solid lipid nanoparticles for site-specific targeting MCF-7 and BT-474 breast cancer cells. European Journal of Pharmaceutical Sciences, 2019, 128, 27-35.	1.9	43
63	Evolution of Hair Treatment and Care: Prospects of Nanotube-Based Formulations. Nanomaterials, 2019, 9, 903.	1.9	42
64	3D printing in the design of pharmaceutical dosage forms. Pharmaceutical Development and Technology, 2019, 24, 1044-1053.	1.1	42
65	Parental metabolic syndrome epigenetically reprograms offspring hepatic lipid metabolism in mice. Journal of Clinical Investigation, 2020, 130, 2391-2407.	3.9	42
66	Development and characterization of a cationic lipid nanocarrier as non-viral vector for gene therapy. European Journal of Pharmaceutical Sciences, 2015, 66, 78-82.	1.9	41
67	Nanotechnological breakthroughs in the development of topical phytocompounds-based formulations. International Journal of Pharmaceutics, 2019, 572, 118787.	2.6	41
68	Comparison of antiproliferative effect of epigallocatechin gallate when loaded into cationic solid lipid nanoparticles against different cell lines. Pharmaceutical Development and Technology, 2019, 24, 1243-1249.	1.1	41
69	Effect of harvesting year and elderberry cultivar on the chemical composition and potential bioactivity: A three-year study. Food Chemistry, 2020, 302, 125366.	4.2	41
70	Synthesis and factorial design applied to a novel chitosan/sodium polyphosphate nanoparticles via ionotropic gelation as an RGD delivery system. Carbohydrate Polymers, 2017, 157, 1695-1702.	5.1	40
71	Validation of a high performance liquid chromatography method for the stabilization of epigallocatechin gallate. International Journal of Pharmaceutics, 2014, 475, 181-190.	2.6	39
72	Hansen solubility parameters (HSP) for prescreening formulation of solid lipid nanoparticles (SLN): in vitro testing of curcumin-loaded SLN in MCF-7 and BT-474 cell lines. Pharmaceutical Development and Technology, 2018, 23, 96-105.	1.1	39

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73	Topical Minoxidil-Loaded Nanotechnology Strategies for Alopecia. Cosmetics, 2020, 7, 21.	1.5	38
74	Background Ca2+ influx mediated by a dihydropyridine- and voltage-insensitive channel in pancreatic beta-cells. Modulation by Ni2+, diphenylamine-2-carboxylate, and glucose metabolism. Journal of Biological Chemistry, 1994, 269, 17095-103.	1.6	38
75	Chemical characterization and bioactive properties of decoctions and hydroethanolic extracts of Thymus carnosus Boiss.. Journal of Functional Foods, 2018, 43, 154-164.	1.6	37
76	Thymus pulegioides L. as a rich source of antioxidant, anti-proliferative and neuroprotective phenolic compounds. Food and Function, 2018, 9, 3617-3629.	2.1	37
77	Key production parameters for the development of solid lipid nanoparticles by high shear homogenization. Pharmaceutical Development and Technology, 2019, 24, 1181-1185.	1.1	37
78	Oxidative stress prevention and anti-apoptosis activity of grape (Vitis vinifera L.) stems in human keratinocytes. Food Research International, 2016, 87, 92-102.	2.9	36
79	Perillaldehyde 1,2-epoxide Loaded SLN-Tailored mAb: Production, Physicochemical Characterization and In Vitro Cytotoxicity Profile in MCF-7 Cell Lines. Pharmaceutics, 2020, 12, 161.	2.0	36
80	Bursting electrical activity in pancreatic ?-cells: evidence that the channel underlying the burst is sensitive to Ca2+ influx through L-type Ca2+ channels. Pflugers Archiv European Journal of Physiology, 1993, 424, 439-447.	1.3	34
81	Thymus zygis subsp. zygis an Endemic Portuguese Plant: Phytochemical Profiling, Antioxidant, Anti-Proliferative and Anti-Inflammatory Activities. Antioxidants, 2020, 9, 482.	2.2	34
82	Polyphenol composition and biological activity of Thymus citriodorus and Thymus vulgaris: Comparison with endemic Iberian Thymus species. Food Chemistry, 2020, 331, 127362.	4.2	34
83	Electrophysiological and Immunocytochemical Evidence for P2X Purinergic Receptors in Pancreatic Î² Cells. Pancreas, 2008, 36, 279-283.	0.5	33
84	Ibuprofen nanocrystals developed by 22 factorial design experiment: A new approach for poorly water-soluble drugs. Saudi Pharmaceutical Journal, 2017, 25, 1117-1124.	1.2	33
85	Trehalose is not a universal solution for solid lipid nanoparticles freeze-drying. Pharmaceutical Development and Technology, 2014, 19, 922-929.	1.1	32
86	New grape stems' isolated phenolic compounds modulate reactive oxygen species, glutathione, and lipid peroxidation in vitro: Combined formulations with vitamins C and E. FÃ¬toterapÃ¬Ã¢, 2017, 120, 146-157.	1.1	32
87	Real Time Electrochemical Detection of 5-HT/Insulin Secretion from Single Pancreatic Islets: Effect of Glucose and K+Depolarization. Biochemical and Biophysical Research Communications, 1996, 228, 100-104.	1.0	31
88	Sambucus nigra L. Fruits and Flowers: Chemical Composition and Related Bioactivities. Food Reviews International, 2022, 38, 1237-1265.	4.3	31
89	Chemical Characterization and Bioactivity of Extracts from Thymus mastichina: A Thymus with a Distinct Salvianolic Acid Composition. Antioxidants, 2020, 9, 34.	2.2	30
90	Astragalus (Astragalus membranaceus Bunge): botanical, geographical, and historical aspects to pharmaceutical components and beneficial role. Rendiconti Lincei, 2021, 32, 625-642.	1.0	30

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91	Repurposing itraconazole to the benefit of skin cancer treatment: A combined azole-DDAB nanoencapsulation strategy. Colloids and Surfaces B: Biointerfaces, 2018, 167, 337-344.	2.5	27
92	Optimization, Biopharmaceutical Profile and Therapeutic Efficacy of Pioglitazone-loaded PLGA-PEG Nanospheres as a Novel Strategy for Ocular Inflammatory Disorders. Pharmaceutical Research, 2018, 35, 11.	1.7	27
93	Exudative versus Nonexudative Age-Related Macular Degeneration: Physiopathology and Treatment Options. International Journal of Molecular Sciences, 2022, 23, 2592.	1.8	27
94	Copper induced apoptosis in Caco-2 and Hep-G2 cells: Expression of caspases 3, 8 and 9, AIF and p53. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 185-186, 138-146.	1.3	26
95	Preclinical developments of natural-occurring halloysite clay nanotubes in cancer therapeutics. Advances in Colloid and Interface Science, 2021, 291, 102406.	7.0	26
96	Resveratrol-Loaded Liquid-Crystalline System Inhibits UVB-Induced Skin Inflammation and Oxidative Stress in Mice. Journal of Natural Products, 2016, 79, 1329-1338.	1.5	25
97	Synthesis, spectroscopic characterization and biological evaluation of unsymmetrical aminosquarylium cyanine dyes. Bioorganic and Medicinal Chemistry, 2017, 25, 3803-3814.	1.4	25
98	First-time oral administration of resveratrol-loaded layer-by-layer nanoparticles to rats â€“ a pharmacokinetics study. Analyst, The, 2019, 144, 2062-2079.	1.7	25
99	Red and Near-Infrared Absorbing Dicyanomethylene Squaraine Cyanine Dyes: Photophysicochemical Properties and Anti-Tumor Photosensitizing Effects. Materials, 2020, 13, 2083.	1.3	25
100	The Nutraceutical Value of Carnitine and Its Use in Dietary Supplements. Molecules, 2020, 25, 2127.	1.7	25
101	Hydrophilic Polymers for Modified-Release Nanoparticles: A Review of Mathematical Modelling for Pharmacokinetic Analysis. Current Pharmaceutical Design, 2015, 21, 3090-3096.	0.9	25
102	Targeting Cancer Via Resveratrol-Loaded Nanoparticles Administration: Focusing on In Vivo Evidence. AAPS Journal, 2019, 21, 57.	2.2	24
103	Formulating octyl methoxycinnamate in hybrid lipid-silica nanoparticles: An innovative approach for UV skin protection. Heliyon, 2020, 6, e03831.	1.4	24
104	Optimization of the Conditions of Solid Lipid Nanoparticles (SLN) Synthesis. Molecules, 2022, 27, 2202.	1.7	24
105	Microemulsion and Microemulsion-Based Gels for Topical Antifungal Therapy with Phytochemicals. Current Pharmaceutical Design, 2016, 22, 4257-4263.	0.9	23
106	The Influence of Polysaccharide Coating on the Physicochemical Parameters and Cytotoxicity of Silica Nanoparticles for Hydrophilic Biomolecules Delivery. Nanomaterials, 2019, 9, 1081.	1.9	22
107	Optimization of nimesulide-loaded solid lipid nanoparticles (SLN) by factorial design, release profile and cytotoxicity in human Colon adenocarcinoma cell line. Pharmaceutical Development and Technology, 2019, 24, 616-622.	1.1	22
108	A Note on Regulatory Concerns and Toxicity Assessment in Lipid-Based Delivery Systems (LDS). Journal of Biomedical Nanotechnology, 2009, 5, 317-322.	0.5	21

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109	How can age and lifestyle variables affect DNA damage, repair capacity and endogenous biomarkers of oxidative stress?. Experimental Gerontology, 2015, 62, 45-52.	1.2	21
110	Therapeutic Interventions for Countering Leishmaniasis and Chagasâ€™s Disease: From Traditional Sources to Nanotechnological Systems. Pathogens, 2019, 8, 119.	1.2	21
111	Targeting dendritic cells for the treatment of autoimmune disorders. Colloids and Surfaces B: Biointerfaces, 2017, 158, 237-248.	2.5	20
112	Development and Characterization of Nanoemulsions for Ophthalmic Applications: Role of Cationic Surfactants. Materials, 2021, 14, 7541.	1.3	20
113	Influence of the stabilizers on the toxicity of metallic nanomaterials in aquatic organisms and human cell lines. Science of the Total Environment, 2017, 607-608, 1264-1277.	3.9	18
114	Polyphenols for skin cancer: Chemical properties, structure-related mechanisms of action and new delivery systems. Studies in Natural Products Chemistry, 2019, 63, 21-42.	0.8	18
115	Multiphasic Action of Glucose and -Ketoisocaproic Acid on the Cytosolic pH of Pancreatic -Cells. Journal of Biological Chemistry, 1996, 271, 8738-8746.	1.6	17
116	Solid lipid nanoparticles (SLN). , 2020, , 1-15.		17
117	Î±-Latrotoxin increases spontaneous and depolarization-evoked exocytosis from pancreatic islet Î²-cells. Journal of Physiology, 2005, 565, 783-799.	1.3	16
118	Regulation by Glucose of Oscillatory Electrical Activity and 5-HT/Insulin Release from Single Mouse Pancreatic Islets in Absence of Functional KATP Channels. Endocrine Journal, 2008, 55, 639-650.	0.7	16
119	Electrical activity and exocytotic correlates of biphasic insulin secretion from Î²-cells of canine islets of Langerhans: Contribution of tuning two modes of Ca²⁺entry-dependent exocytosis to two modes of glucose-induced electrical activity. Channels, 2009, 3, 181-193.	1.5	16
120	Thymus carnosus extracts induce anti-proliferative activity in Caco-2 cells through mechanisms that involve cell cycle arrest and apoptosis. Journal of Functional Foods, 2019, 54, 128-135.	1.6	16
121	In Vitro Characterization, Modelling, and Antioxidant Properties of Polyphenon-60 from Green Tea in Eudragit S100-2 Chitosan Microspheres. Nutrients, 2020, 12, 967.	1.7	16
122	Effect of cryoprotectants on the reconstitution of silica nanoparticles produced by solâ€“gel technology. Journal of Thermal Analysis and Calorimetry, 2015, 120, 1001-1007.	2.0	15
123	Titanium dioxide nanoparticles: Toxicity and genotoxicity in Drosophila melanogaster (SMART eye-spot) Tj ETQq1 1 0.784314 rgBT /O Mutagenesis, 2018, 831, 19-23.	0.9	14
124	Myasthenia gravis: State of the art and new therapeutic strategies. Journal of Neuroimmunology, 2019, 337, 577080.	1.1	14
125	Haematological and biochemical parameters in Churra-da-Terra-Quente ewes from the northeast of Portugal. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2010, 62, 265-272.	0.1	14
126	Lipid Nanoparticles as Carriers for the Treatment of Neurodegeneration Associated with Alzheimerâ€™s Disease and Glaucoma: Present and Future Challenges. Current Pharmaceutical Design, 2020, 26, 1235-1250.	0.9	14

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127	Hydrogels for Modified-release Drug Delivery Systems. Current Pharmaceutical Design, 2022, 28, 609-618.	0.9	14
128	Advances in antibiotic nanotherapy. , 2018, , 233-259.		13
129	Ginkgo biloba L. Leaf Extract Protects HepG2 Cells Against Paraquat-Induced Oxidative DNA Damage. Plants, 2019, 8, 556.	1.6	13
130	Sage Species Case Study on a Spontaneous Mediterranean Plant to Control Phytopathogenic Fungi and Bacteria. Forests, 2020, 11, 704.	0.9	13
131	Membrane lipid profile alterations are associated with the metabolic adaptation of the Caco-2 cells to aglycemic nutritional condition. Journal of Bioenergetics and Biomembranes, 2014, 46, 45-57.	1.0	12
132	Ecotoxicity to Freshwater Organisms and Cytotoxicity of Nanomaterials: Are We Generating Sufficient Data for Their Risk Assessment?. Nanomaterials, 2021, 11, 66.	1.9	12
133	High external Ca2+ levels trigger membrane potential oscillations in mouse pancreatic Î²-cells during blockade of K(ATP) channels. Biochemical and Biophysical Research Communications, 1992, 187, 872-879.	1.0	11
134	Silicaâ€based matrices: State of the art and new perspectives for therapeutic drug delivery. Biotechnology and Applied Biochemistry, 2015, 62, 754-764.	1.4	11
135	Photophysicochemical Properties and In Vitro Phototherapeutic Effects of Iodoquinoline- and Benzothiazole-Derived Unsymmetrical Squaraine Cyanine Dyes. Applied Sciences (Switzerland), 2019, 9, 5414.	1.3	11
136	Electro-responsive controlled drug delivery from melanin nanoparticles. International Journal of Pharmaceutics, 2020, 588, 119773.	2.6	11
137	Quinoline- and Benzoselenazole-Derived Unsymmetrical Squaraine Cyanine Dyes: Design, Synthesis, Photophysicochemical Features and Light-Triggerable Antiproliferative Effects against Breast Cancer Cell Lines. Materials, 2020, 13, 2646.	1.3	11
138	DABCO-Customized Nanoemulsions: Characterization, Cell Viability and Genotoxicity in Retinal Pigmented Epithelium and Microglia Cells. Pharmaceutics, 2021, 13, 1652.	2.0	11
139	Concept study of an implantable microsystem for electrical resistance and temperature measurements in dairy cows, suitable for estrus detection. Sensors and Actuators A: Physical, 2006, 132, 354-361.	2.0	10
140	Ocular Cell Lines and Genotoxicity Assessment. International Journal of Environmental Research and Public Health, 2020, 17, 2046.	1.2	10
141	Multiple Cell Signalling Pathways of Human Proinsulin C-Peptide in Vasculopathy Protection. International Journal of Molecular Sciences, 2020, 21, 645.	1.8	10
142	Labdanum Resin from Cistus ladanifer L.: A Natural and Sustainable Ingredient for Skin Care Cosmetics with Relevant Cosmeceutical Bioactivities. Plants, 2022, 11, 1477.	1.6	10
143	Non-melanoma skin cancers: physio-pathology and role of lipid delivery systems in new chemotherapeutic treatments. Neoplasia, 2022, 30, 100810.	2.3	10
144	Advances in nanobiomaterials for oncology nanomedicine. , 2016, , 91-115.		9

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145	Self-assembled quaternary ammonium surfactants for pharmaceuticals and biotechnology. , 2018, , 601-618.		9
146	Sonication-assisted Layer-by-Layer self-assembly nanoparticles for resveratrol delivery. Materials Science and Engineering C, 2019, 105, 110022.	3.8	9
147	In vitro phototherapeutic effects of indolenine-based mono- and dithiosquaraine cyanine dyes against Caco-2 and HepG2â€human cancer cell lines. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101844.	1.3	9
148	Noninvasive evaluation of the influence of aucubinâ€containing cosmetic macroemulsion on selected skin parameters. Journal of Cosmetic Dermatology, 2021, 20, 1022-1030.	0.8	9
149	Mono- and Dicationic DABCO/Quinuclidine Composed Nanomaterials for the Loading of Steroidal Drug: 32 Factorial Design and Physicochemical Characterization. Nanomaterials, 2021, 11, 2758.	1.9	9
150	Customized cationic nanoemulsions loading triamcinolone acetonide for corneal neovascularization secondary to inflammatory processes. International Journal of Pharmaceutics, 2022, 623, 121938.	2.6	9
151	Phasic and tonic modes of depolarization-exocytosis coupling in Î²-cells of porcine islets of Langerhans. Channels, 2009, 3, 101-109.	1.5	8
152	Endopolysaccharides from Ganoderma resinaceum, Phlebia rufa, and Trametes versicolor Affect Differently the Proliferation Rate of HepG2 Cells. Applied Biochemistry and Biotechnology, 2013, 169, 1919-1926.	1.4	8
153	Orange thyme: Phytochemical profiling, in vitro bioactivities of extracts and potential health benefits. Food Chemistry: X, 2021, 12, 100171.	1.8	8
154	In Vitro Assessment of Pesticides Toxicity and Data Correlation with Pesticides Physicochemical Properties for Prediction of Toxicity in Gastrointestinal and Skin Contact Exposure. Toxics, 2022, 10, 378.	1.6	8
155	Ion channels underlying stimulus-exocytosis coupling and its cell-to-cell heterogeneity in Î²-cells of transplantable porcine islets of Langerhans. Channels, 2009, 3, 91-100.	1.5	7
156	Psoriasis vulgarisâ€"Pathophysiology of the disease and its classical treatment versus new drug delivery systems. , 2018, , 379-406.		7
157	Vitex agnus-castus L.: Main Features and Nutraceutical Perspectives. Forests, 2020, 11, 761.	0.9	7
158	Chemical Composition and Potential Biological Activity of Melanoidins From Instant Soluble Coffee and Instant Soluble Barley: A Comparative Study. Frontiers in Nutrition, 2022, 9, 825584.	1.6	7
159	Permeability, anti-inflammatory and anti-VEGF profiles of steroidal-loaded cationic nanoemulsions in retinal pigment epithelial cells under oxidative stress. International Journal of Pharmaceutics, 2022, 617, 121615.	2.6	7
160	Serum total and bone alkaline phosphatase levels and their correlation with serum minerals over the lifespan of sheep. Acta Veterinaria Hungarica, 2014, 62, 205-214.	0.2	6
161	Solid lipid nanoparticles affect microbial colonization and enzymatic activity throughout the decomposition of alder leaves in freshwater microcosms. Ecotoxicology and Environmental Safety, 2017, 135, 375-380.	2.9	6
162	Lipid Nanoparticles Loaded with Selected Iridoid Glycosides as Effective Components of Hydrogel Formulations. Materials, 2021, 14, 4090.	1.3	6

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