

Amlia M. Silva

List of Publications by Year in Descending Order

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Version: 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

185 papers	5,153 citations	39 h-index	64 g-index
197 ext. papers	6,596 ext. citations	4.7 avg, IF	6.07 L-index

#	Paper	IF	Citations
185	Glyphosate vs. Glyphosate-Based Herbicides Exposure: A Review on Their Toxicity.. <i>Journal of Xenobiotics</i> , 2022 , 12, 21-40	1	3
184	Synthesis and Potential Applications of Lipid Nanoparticles in Medicine.. <i>Materials</i> , 2022 , 15,	3.5	3
183	Chemical Composition and Potential Biological Activity of Melanoidins From Instant Soluble Coffee and Instant Soluble Barley: A Comparative Study.. <i>Frontiers in Nutrition</i> , 2022 , 9, 825584	6.2	1
182	Physicochemical and biopharmaceutical aspects influencing skin permeation and role of SLN and NLC for skin drug delivery.. <i>Heliyon</i> , 2022 , 8, e08938	3.6	9
181	Exudative versus Nonexudative Age-Related Macular Degeneration: Physiopathology and Treatment Options.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
180	Optimization of the Conditions of Solid Lipid Nanoparticles (SLN) Synthesis.. <i>Molecules</i> , 2022 , 27,	4.8	4
179	Microemulsions and Nanoemulsions in Skin Drug Delivery.. <i>Bioengineering</i> , 2022 , 9,	5.3	9
178	Permeability, anti-inflammatory and anti-VEGF profiles of steroidal-loaded cationic nanoemulsions in retinal pigment epithelial cells under oxidative stress.. <i>International Journal of Pharmaceutics</i> , 2022 , 617, 121615	6.5	2
177	Lipid-Drug Conjugates and Nanoparticles for the Cutaneous Delivery of Cannabidiol. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6165	6.3	0
176	Labdanum Resin from <i>Cistus ladanifer</i> L.: A Natural and Sustainable Ingredient for Skin Care Cosmetics with Relevant Cosmeceutical Bioactivities. <i>Plants</i> , 2022 , 11, 1477	4.5	1
175	Non-melanoma skin cancers: physio-pathology and role of lipid delivery systems in new chemotherapeutic treatments. <i>Neoplasia</i> , 2022 , 30, 100810	6.4	0
174	Orange thyme: Phytochemical profiling, bioactivities of extracts and potential health benefits.. <i>Food Chemistry: X</i> , 2021 , 12, 100171	4.7	1
173	Mono- and Dicationic DABCO/Quinuclidine Composed Nanomaterials for the Loading of Steroidal Drug: 3 Factorial Design and Physicochemical Characterization. <i>Nanomaterials</i> , 2021 , 11,	5.4	5
172	DABCO-Customized Nanoemulsions: Characterization, Cell Viability and Genotoxicity in Retinal Pigmented Epithelium and Microglia Cells. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
171	Genotoxicity Assessment of Metal-Based Nanocomposites Applied in Drug Delivery. <i>Materials</i> , 2021 , 14,	3.5	3
170	Cyclodextrin-based delivery systems for in vivo-tested anticancer therapies. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 49-71	6.2	18
169	Lipid Nanoparticles Loaded with Iridoid Glycosides: Development and Optimization Using Experimental Factorial Design. <i>Molecules</i> , 2021 , 26,	4.8	3

168	Preclinical developments of natural-occurring halloysite clay nanotubes in cancer therapeutics. <i>Advances in Colloid and Interface Science</i> , 2021 , 291, 102406	14.3	7
167	Astragalus (<i>Astragalus membranaceus</i> Bunge): botanical, geographical, and historical aspects to pharmaceutical components and beneficial role. <i>Rendiconti Lincei</i> , 2021 , 32, 625-642	1.7	8
166	Noninvasive evaluation of the influence of aucubin-containing cosmetic macroemulsion on selected skin parameters. <i>Journal of Cosmetic Dermatology</i> , 2021 , 20, 1022-1030	2.5	4
165	Polymer nanogels: Fabrication, structural behavior, and biological applications 2021 , 97-111		1
164	Multifunctional Nanocomposites for Biotherapeutic Applications 2021 , 1444-1472		
163	Red seaweeds strengthening the nexus between nutrition and health: phytochemical characterization and bioactive properties of <i>Grateloupia turuturu</i> and <i>Porphyra umbilicalis</i> extracts. <i>Journal of Applied Phycology</i> , 2021 , 33, 3365-3381	3.2	2
162	Lipid Nanoparticles Loaded with Selected Iridoid Glycosides as Effective Components of Hydrogel Formulations. <i>Materials</i> , 2021 , 14,	3.5	3
161	Biosurfactants: Properties and Applications in Drug Delivery, Biotechnology and Ecotoxicology. <i>Bioengineering</i> , 2021 , 8,	5.3	13
160	Development and Characterization of Nanoemulsions for Ophthalmic Applications: Role of Cationic Surfactants.. <i>Materials</i> , 2021 , 14,	3.5	3
159	Red and Near-Infrared Absorbing DicyanomethyleneSquaraine Cyanine Dyes: Photophysicochemical Properties and Anti-Tumor Photosensitizing Effects. <i>Materials</i> , 2020 , 13,	3.5	14
158	The Nutraceutical Value of Carnitine and Its Use in Dietary Supplements. <i>Molecules</i> , 2020 , 25,	4.8	8
157	Formulating octyl methoxycinnamate in hybrid lipid-silica nanoparticles: An innovative approach for UV skin protection. <i>Heliyon</i> , 2020 , 6, e03831	3.6	14
156	In vitro phototherapeutic effects of indolenine-based mono- and dithiosquaraine cyanine dyes against Caco-2 and HepG2 human cancer cell lines. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020 , 31, 101844	3.5	5
155	subsp. an Endemic Portuguese Plant: Phytochemical Profiling, Antioxidant, Anti-Proliferative and Anti-Inflammatory Activities. <i>Antioxidants</i> , 2020 , 9,	7.1	18
154	Quinoline- and Benzoselenazole-Derived Unsymmetrical Squaraine Cyanine Dyes: Design, Synthesis, Photophysicochemical Features and Light-Triggerable Antiproliferative Effects against Breast Cancer Cell Lines. <i>Materials</i> , 2020 , 13,	3.5	8
153	Hawthorn (<i>Crataegus</i> spp.): An Updated Overview on Its Beneficial Properties. <i>Forests</i> , 2020 , 11, 564	2.8	17
152	Potential application of grape (<i>Vitis vinifera</i> L.) stem extracts in the cosmetic and pharmaceutical industries: Valorization of a by-product. <i>Industrial Crops and Products</i> , 2020 , 154, 112675	5.9	35
151	Polyphenol composition and biological activity of <i>Thymus citriodorus</i> and <i>Thymus vulgaris</i> : Comparison with endemic Iberian <i>Thymus</i> species. <i>Food Chemistry</i> , 2020 , 331, 127362	8.5	14

150	Ocular Cell Lines and Genotoxicity Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	6
149	Loading, release profile and accelerated stability assessment of monoterpenes-loaded solid lipid nanoparticles (SLN). <i>Pharmaceutical Development and Technology</i> , 2020 , 25, 832-844	3.4	26
148	Nanomaterials for Skin Delivery of Cosmeceuticals and Pharmaceuticals. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1594	2.6	39
147	(+)-Limonene 1,2-Epoxy-Loaded SLNs: Evaluation of Drug Release, Antioxidant Activity, and Cytotoxicity in an HaCaT Cell Line. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	46
146	Perillaldehyde 1,2-epoxy Loaded SLN-Tailored mAb: Production, Physicochemical Characterization and In Vitro Cytotoxicity Profile in MCF-7 Cell Lines. <i>Pharmaceutics</i> , 2020 , 12,	6.4	30
145	Sambucus nigra L. Fruits and Flowers: Chemical Composition and Related Bioactivities. <i>Food Reviews International</i> , 2020 , 1-29	5.5	12
144	Bioactive hybrid nanowires 2020 , 1-13		1
143	Sucupira Oil-Loaded Nanostructured Lipid Carriers (NLC): Lipid Screening, Factorial Design, Release Profile, and Cytotoxicity. <i>Molecules</i> , 2020 , 25,	4.8	37
142	Metal-Based Nanoparticles as Antimicrobial Agents: An Overview. <i>Nanomaterials</i> , 2020 , 10,	5.4	355
141	Multiple Cell Signalling Pathways of Human Proinsulin C-Peptide in Vasculopathy Protection. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
140	Solid lipid nanoparticles (SLN) 2020 , 1-15		14
139	Diabetic Retinopathy and Ocular Melanoma: How Far We Are?. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2777	2.6	1
138	Topical Minoxidil-Loaded Nanotechnology Strategies for Alopecia. <i>Cosmetics</i> , 2020 , 7, 21	2.7	17
137	In Vitro Characterization, Modelling, and Antioxidant Properties of Polyphenon-60 from Green Tea in Eudragit S100-2 Chitosan Microspheres. <i>Nutrients</i> , 2020 , 12,	6.7	10
136	Parental metabolic syndrome epigenetically reprograms offspring hepatic lipid metabolism in mice. <i>Journal of Clinical Investigation</i> , 2020 , 130, 2391-2407	15.9	14
135	Lipid Nanoparticles as Carriers for the Treatment of Neurodegeneration Associated with Alzheimer's Disease and Glaucoma: Present and Future Challenges. <i>Current Pharmaceutical Design</i> , 2020 , 26, 1235-1250	3.3	10
134	Ecotoxicity to Freshwater Organisms and Cytotoxicity of Nanomaterials: Are We Generating Sufficient Data for Their Risk Assessment?. <i>Nanomaterials</i> , 2020 , 11,	5.4	4
133	Effect of harvesting year and elderberry cultivar on the chemical composition and potential bioactivity: A three-year study. <i>Food Chemistry</i> , 2020 , 302, 125366	8.5	21

132	Sage Species Case Study on a Spontaneous Mediterranean Plant to Control Phytopathogenic Fungi and Bacteria. <i>Forests</i> , 2020 , 11, 704	2.8	5
131	Vitex agnus-castus L.: Main Features and Nutraceutical Perspectives. <i>Forests</i> , 2020 , 11, 761	2.8	2
130	Chemical and Physical Properties of Meadowfoam Seed Oil and Extra Virgin Olive Oil: Focus on Vibrational Spectroscopy. <i>Journal of Spectroscopy</i> , 2020 , 2020, 1-9	1.5	3
129	Electro-responsive controlled drug delivery from melanin nanoparticles. <i>International Journal of Pharmaceutics</i> , 2020 , 588, 119773	6.5	3
128	Polymeric Nanoparticles: Production, Characterization, Toxicology and Ecotoxicology. <i>Molecules</i> , 2020 , 25,	4.8	219
127	Sugar-Lowering Drugs for Type 2 Diabetes Mellitus and Metabolic Syndrome-Review of Classical and New Compounds: Part-I. <i>Pharmaceutics</i> , 2019 , 12,	5.2	49
126	Therapeutic Interventions for Countering Leishmaniasis and Chagas Disease: From Traditional Sources to Nanotechnological Systems. <i>Pathogens</i> , 2019 , 8,	4.5	14
125	Comparison of antiproliferative effect of epigallocatechin gallate when loaded into cationic solid lipid nanoparticles against different cell lines. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 1243-1249	3.4	27
124	Biomedical potential of clay nanotube formulations and their toxicity assessment. <i>Expert Opinion on Drug Delivery</i> , 2019 , 16, 1169-1182	8	27
123	Sugar-Lowering Drugs for Type 2 Diabetes Mellitus and Metabolic Syndrome-Strategies for In Vivo Administration: Part-II. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	28
122	First-time oral administration of resveratrol-loaded layer-by-layer nanoparticles to rats - a pharmacokinetics study. <i>Analyst, The</i> , 2019 , 144, 2062-2079	5	17
121	3D printing in the design of pharmaceutical dosage forms. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 1044-1053	3.4	22
120	Clotrimazole-Loaded Mediterranean Essential Oils NLC: A Synergic Treatment of Skin Infections. <i>Pharmaceutics</i> , 2019 , 11,	6.4	43
119	Uveal melanoma: physiopathology and new in situ-specific therapies. <i>Cancer Chemotherapy and Pharmacology</i> , 2019 , 84, 15-32	3.5	20
118	Nanotechnology-based formulations for resveratrol delivery: Effects on resveratrol in vivo bioavailability and bioactivity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 180, 127-140	6	55
117	Targeting Cancer Via Resveratrol-Loaded Nanoparticles Administration: Focusing on In Vivo Evidence. <i>AAPS Journal</i> , 2019 , 21, 57	3.7	10
116	Nanotechnology for the development of new cosmetic formulations. <i>Expert Opinion on Drug Delivery</i> , 2019 , 16, 313-330	8	60
115	Chemical Characterization and Bioactivity of Extracts from : A with a Distinct Salvianolic Acid Composition. <i>Antioxidants</i> , 2019 , 9,	7.1	13

114	Key production parameters for the development of solid lipid nanoparticles by high shear homogenization. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 1181-1185	3.4	26
113	Sonication-assisted Layer-by-Layer self-assembly nanoparticles for resveratrol delivery. <i>Materials Science and Engineering C</i> , 2019 , 105, 110022	8.3	4
112	Development and Optimization of Alpha-Pinene-Loaded Solid Lipid Nanoparticles (SLN) Using Experimental Factorial Design and Dispersion Analysis. <i>Molecules</i> , 2019 , 24,	4.8	36
111	In Vitro Cytotoxicity of Oleanolic/Ursolic Acids-Loaded in PLGA Nanoparticles in Different Cell Lines. <i>Pharmaceutics</i> , 2019 , 11,	6.4	37
110	The Influence of Polysaccharide Coating on the Physicochemical Parameters and Cytotoxicity of Silica Nanoparticles for Hydrophilic Biomolecules Delivery. <i>Nanomaterials</i> , 2019 , 9,	5.4	15
109	Evolution of Hair Treatment and Care: Prospects of Nanotube-Based Formulations. <i>Nanomaterials</i> , 2019 , 9,	5.4	24
108	Myasthenia gravis: State of the art and new therapeutic strategies. <i>Journal of Neuroimmunology</i> , 2019 , 337, 577080	3.5	11
107	Cationic Surfactants: Self-Assembly, Structure-Activity Correlation and Their Biological Applications. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	46
106	Soft Cationic Nanoparticles for Drug Delivery: Production and Cytotoxicity of Solid Lipid Nanoparticles (SLNs). <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4438	2.6	31
105	Trends in Atopic Dermatitis-From Standard Pharmacotherapy to Novel Drug Delivery Systems. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	26
104	Nanotechnological breakthroughs in the development of topical phytochemicals-based formulations. <i>International Journal of Pharmaceutics</i> , 2019 , 572, 118787	6.5	25
103	Meglumine-based supra-amphiphile self-assembled in water as a skin drug delivery system: Influence of unfrozen bound water in the system bioadhesiveness. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 184, 110523	6	2
102	Mechanism of Action and Toxicological Profile of Essential Oils in Foodstuff 2019 , 211-230		
101	Microemulsions: Principles, Scope, Methods, and Applications in Transdermal Drug Delivery 2019 , 91-118		
100	Photophysicochemical Properties and In Vitro Phototherapeutic Effects of Iodoquinoline- and Benzothiazole-Derived Unsymmetrical Squaraine Cyanine Dyes. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5414	2.6	7
99	Polyphenols for skin cancer: Chemical properties, structure-related mechanisms of action and new delivery systems. <i>Studies in Natural Products Chemistry</i> , 2019 , 63, 21-42	1.5	7
98	Nanoparticle Delivery Systems in the Treatment of Diabetes Complications. <i>Molecules</i> , 2019 , 24,	4.8	60
97	L. Leaf Extract Protects HepG2 Cells Against Paraquat-Induced Oxidative DNA Damage. <i>Plants</i> , 2019 , 8,	4.5	6

96	Optimization of nimesulide-loaded solid lipid nanoparticles (SLN) by factorial design, release profile and cytotoxicity in human Colon adenocarcinoma cell line. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 616-622	3.4	20
95	Surface-tailored anti-HER2/neu-solid lipid nanoparticles for site-specific targeting MCF-7 and BT-474 breast cancer cells. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 128, 27-35	5.1	29
94	Thymus carnosus extracts induce anti-proliferative activity in Caco-2 cells through mechanisms that involve cell cycle arrest and apoptosis. <i>Journal of Functional Foods</i> , 2019 , 54, 128-135	5.1	9
93	Chemical characterization and bioactive properties of decoctions and hydroethanolic extracts of Thymus carnosus Boiss.. <i>Journal of Functional Foods</i> , 2018 , 43, 154-164	5.1	26
92	Repurposing itraconazole to the benefit of skin cancer treatment: A combined azole-DDAB nanoencapsulation strategy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 167, 337-344	6	21
91	Optimization, Biopharmaceutical Profile and Therapeutic Efficacy of Pioglitazone-loaded PLGA-PEG Nanospheres as a Novel Strategy for Ocular Inflammatory Disorders. <i>Pharmaceutical Research</i> , 2018 , 35, 11	4.5	14
90	Memantine loaded PLGA PEGylated nanoparticles for Alzheimer's disease: in vitro and in vivo characterization. <i>Journal of Nanobiotechnology</i> , 2018 , 16, 32	9.4	97
89	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. <i>Pharmaceutical Development and Technology</i> , 2018 , 23, 96-105	3.4	29
88	Citrus reticulata Blanco peels as a source of antioxidant and anti-proliferative phenolic compounds. <i>Industrial Crops and Products</i> , 2018 , 111, 141-148	5.9	52
87	Advances in antibiotic nanotherapy 2018 , 233-259		8
86	Optimization of linalool-loaded solid lipid nanoparticles using experimental factorial design and long-term stability studies with a new centrifugal sedimentation method. <i>International Journal of Pharmaceutics</i> , 2018 , 549, 261-270	6.5	46
85	Linalool bioactive properties and potential applicability in drug delivery systems. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 171, 566-578	6	73
84	Psoriasis vulgaris Pathophysiology of the disease and its classical treatment versus new drug delivery systems 2018 , 379-406		6
83	Titanium dioxide nanoparticles: Toxicity and genotoxicity in Drosophila melanogaster (SMART eye-spot test and comet assay in neuroblasts). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018 , 831, 19-23	3	10
82	Thymus pulegioides L. as a rich source of antioxidant, anti-proliferative and neuroprotective phenolic compounds. <i>Food and Function</i> , 2018 , 9, 3617-3629	6.1	22
81	Western Blot Methodologies for Analysis of In Vitro Protein Expression Induced by Teratogenic Agents. <i>Methods in Molecular Biology</i> , 2018 , 1797, 191-203	1.4	1
80	Multifunctional Nanocomposites for Biotherapeutic Applications. <i>Advances in Medical Technologies and Clinical Practice Book Series</i> , 2018 , 328-356	0.3	
79	Monoterpenes-Based Pharmaceuticals: A Review of Applications In Human Health and Drug Delivery Systems 2018 , 85-130		

78	Memantine-Loaded PEGylated Biodegradable Nanoparticles for the Treatment of Glaucoma. <i>Small</i> , 2018 , 14, 1701808	11	58
77	Anti-inflammatory and anti-cancer activity of citral: Optimization of citral-loaded solid lipid nanoparticles (SLN) using experimental factorial design and LUMiSizer®. <i>International Journal of Pharmaceutics</i> , 2018 , 553, 428-440	6.5	63
76	Drug nanocrystals 2018 , 239-253		2
75	New strategies for the treatment of autoimmune diseases using nanotechnologies 2018 , 135-163		1
74	Self-assembled quaternary ammonium surfactants for pharmaceuticals and biotechnology 2018 , 601-618		6
73	Targeting of Lipid/Polymeric (Hybrid) Nanoparticles to the Brain for the Treatment of Degenerative Diseases 2018 , 147-168		
72	Mesoporous silica nanoparticles as drug delivery systems against melanoma 2018 , 437-466		4
71	Mediterranean essential oils as precious matrix components and active ingredients of lipid nanoparticles. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 217-226	6.5	52
70	Synthesis, spectroscopic characterization and biological evaluation of unsymmetrical aminosquarylium cyanine dyes. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 3803-3814	3.4	19
69	New grape stems isolated phenolic compounds modulate reactive oxygen species, glutathione, and lipid peroxidation in vitro: Combined formulations with vitamins C and E. <i>Phytotherapy Research</i> , 2017 , 120, 146-157	3.2	16
68	Synthesis and factorial design applied to a novel chitosan/sodium polyphosphate nanoparticles via ionotropic gelation as an RGD delivery system. <i>Carbohydrate Polymers</i> , 2017 , 157, 1695-1702	10.3	28
67	Influence of the stabilizers on the toxicity of metallic nanomaterials in aquatic organisms and human cell lines. <i>Science of the Total Environment</i> , 2017 , 607-608, 1264-1277	10.2	13
66	Ibuprofen nanocrystals developed by 2 factorial design experiment: A new approach for poorly water-soluble drugs. <i>Saudi Pharmaceutical Journal</i> , 2017 , 25, 1117-1124	4.4	27
65	Cancer therapies: applications, nanomedicines and nanotoxicology 2017 , 241-260		2
64	Targeting dendritic cells for the treatment of autoimmune disorders. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 158, 237-248	6	17
63	Solid lipid nanoparticles affect microbial colonization and enzymatic activity throughout the decomposition of alder leaves in freshwater microcosms. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 135, 375-380	7	4
62	d- α -tocopherol nanoemulsions: Size properties, rheological behavior, surface tension, osmolality and cytotoxicity. <i>Saudi Pharmaceutical Journal</i> , 2017 , 25, 231-235	4.4	42
61	Ocular Drug Delivery - New Strategies for Targeting Anterior and Posterior Segments of the Eye. <i>Current Pharmaceutical Design</i> , 2016 , 22, 1135-46	3.3	45

60	Microemulsion and Microemulsion-Based Gels for Topical Antifungal Therapy with Phytochemicals. <i>Current Pharmaceutical Design</i> , 2016 , 22, 4257-63	3.3	17
59	Advances in nanobiomaterials for oncology nanomedicine 2016 , 91-115		5
58	Encapsulation of nutraceuticals in novel delivery systems 2016 , 305-342		1
57	Oxidative stress prevention and anti-apoptosis activity of grape (<i>Vitis vinifera</i> L.) stems in human keratinocytes. <i>Food Research International</i> , 2016 , 87, 92-102	7	24
56	Copper induced apoptosis in Caco-2 and Hep-G2 cells: Expression of caspases 3, 8 and 9, AIF and p53. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016 , 185-186, 138-146	3.2	18
55	Resveratrol-Loaded Liquid-Crystalline System Inhibits UVB-Induced Skin Inflammation and Oxidative Stress in Mice. <i>Journal of Natural Products</i> , 2016 , 79, 1329-38	4.9	23
54	Biopharmaceutical evaluation of epigallocatechin gallate-loaded cationic lipid nanoparticles (EGCG-LNs): In vivo, in vitro and ex vivo studies. <i>International Journal of Pharmaceutics</i> , 2016 , 502, 161-9	6.5	86
53	PEGylated PLGA nanospheres optimized by design of experiments for ocular administration of dexibuprofen-in vitro, ex vivo and in vivo characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 145, 241-250	6	82
52	In vitro, ex vivo and in vivo characterization of PLGA nanoparticles loading pranoprofen for ocular administration. <i>International Journal of Pharmaceutics</i> , 2016 , 511, 719-27	6.5	44
51	Advances in nanobiomaterials for topical administrations: new galenic and cosmetic formulations 2016 , 1-23		2
50	Effect of cryoprotectants on the reconstitution of silica nanoparticles produced by sol-gel technology. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 120, 1001-1007	4.1	12
49	Effect of mucoadhesive polymers on the in vitro performance of insulin-loaded silica nanoparticles: Interactions with mucin and biomembrane models. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 93, 118-26	5.7	71
48	Current nanotechnology approaches for the treatment and management of diabetic retinopathy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 95, 307-22	5.7	56
47	Silica-based matrices: State of the art and new perspectives for therapeutic drug delivery. <i>Biotechnology and Applied Biochemistry</i> , 2015 , 62, 754-64	2.8	7
46	Development and characterization of a cationic lipid nanocarrier as non-viral vector for gene therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 66, 78-82	5.1	35
45	Efficient chemo-enzymatic gluten detoxification: reducing toxic epitopes for celiac patients improving functional properties. <i>Scientific Reports</i> , 2015 , 5, 18041	4.9	36
44	Effects of physical exercise training in DNA damage and repair activity in humans with different genetic polymorphisms of hOGG1 (Ser326Cys). <i>Cell Biochemistry and Function</i> , 2015 , 33, 519-24	4.2	3
43	Effects of combined physical exercise training on DNA damage and repair capacity: role of oxidative stress changes. <i>Age</i> , 2015 , 37, 9799		41

42	Tramadol hydrochloride: pharmacokinetics, pharmacodynamics, adverse side effects, co-administration of drugs and new drug delivery systems. <i>Biomedicine and Pharmacotherapy</i> , 2015 , 70, 234-8	7.5	101
41	How can age and lifestyle variables affect DNA damage, repair capacity and endogenous biomarkers of oxidative stress?. <i>Experimental Gerontology</i> , 2015 , 62, 45-52	4.5	15
40	Hydrophilic Polymers for Modified-Release Nanoparticles: A Review of Mathematical Modelling for Pharmacokinetic Analysis. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3090-6	3.3	23
39	Membrane lipid profile alterations are associated with the metabolic adaptation of the Caco-2 cells to aglycemic nutritional condition. <i>Journal of Bioenergetics and Biomembranes</i> , 2014 , 46, 45-57	3.7	10
38	Nanoemulsions for delivery of flavonoids: formulation and in vitro release of rutin as model drug. <i>Pharmaceutical Development and Technology</i> , 2014 , 19, 677-80	3.4	39
37	Solid lipid nanoparticles for hydrophilic biotech drugs: optimization and cell viability studies (Caco-2 & HEPG-2 cell lines). <i>European Journal of Medicinal Chemistry</i> , 2014 , 81, 28-34	6.8	58
36	Design of cationic lipid nanoparticles for ocular delivery: development, characterization and cytotoxicity. <i>International Journal of Pharmaceutics</i> , 2014 , 461, 64-73	6.5	101
35	Trehalose is not a universal solution for solid lipid nanoparticles freeze-drying. <i>Pharmaceutical Development and Technology</i> , 2014 , 19, 922-9	3.4	26
34	Comet assay reveals no genotoxicity risk of cationic solid lipid nanoparticles. <i>Journal of Applied Toxicology</i> , 2014 , 34, 395-403	4.1	44
33	Preparation and characterization of PEG-coated silica nanoparticles for oral insulin delivery. <i>International Journal of Pharmaceutics</i> , 2014 , 473, 627-35	6.5	79
32	Validation of a high performance liquid chromatography method for the stabilization of epigallocatechin gallate. <i>International Journal of Pharmaceutics</i> , 2014 , 475, 181-90	6.5	34
31	In vitro evaluation of permeation, toxicity and effect of praziquantel-loaded solid lipid nanoparticles against <i>Schistosoma mansoni</i> as a strategy to improve efficacy of the schistosomiasis treatment. <i>International Journal of Pharmaceutics</i> , 2014 , 463, 31-7	6.5	53
30	Cationic solid lipid nanoparticles interfere with the activity of antioxidant enzymes in hepatocellular carcinoma cells. <i>International Journal of Pharmaceutics</i> , 2014 , 471, 18-27	6.5	57
29	Serum total and bone alkaline phosphatase levels and their correlation with serum minerals over the lifespan of sheep. <i>Acta Veterinaria Hungarica</i> , 2014 , 62, 205-14	1	4
28	Physicochemical characterization of epigallocatechin gallate lipid nanoparticles (EGCG-LNs) for ocular instillation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 123, 452-60	6	74
27	Surface engineering of silica nanoparticles for oral insulin delivery: characterization and cell toxicity studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 123, 916-23	6	80
26	Nanotoxicology applied to solid lipid nanoparticles and nanostructured lipid carriers - a systematic review of in vitro data. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 87, 1-18	5.7	268
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