Eliana B. Souto

List of Publications by Citations

446 papers	15,939 citations	69 h-index	110 g-index
479 ext. papers	19,256 ext. citations	4.6 avg, IF	7.08 L-index

#	Paper	IF	Citations
446	Solid lipid nanoparticles as a drug delivery system for peptides and proteins. *Advanced Drug Delivery Reviews*, **2007**, 59, 478-90	18.5	599
445	Development of a controlled release formulation based on SLN and NLC for topical clotrimazole delivery. *International Journal of Pharmaceutics*, **2004**, 278, 71-7	6.5	503
444	Metal-Based Nanoparticles as Antimicrobial Agents: An Overview. *Nanomaterials*, **2020**, 10,	5.4	355
443	The Therapeutic Potential of Apigenin. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	305
442	Nanotoxicology applied to solid lipid nanoparticles and nanostructured lipid carriers - a systematic review of in vitro data. *European Journal of Pharmaceutics and Biopharmaceutics*, **2014**, 87, 1-18	5.7	268
441	Oral bioavailability of cyclosporine: solid lipid nanoparticles (SLN) versus drug nanocrystals. *International Journal of Pharmaceutics*, **2006**, 317, 82-9	6.5	261
440	Polyphenols: A concise overview on the chemistry, occurrence, and human health. *Phytotherapy Research*, **2019**, 33, 2221-2243	6.7	258
439	Cetyl palmitate-based NLC for topical delivery of Coenzyme Q(10) - development, physicochemical characterization and in vitro release studies. *European Journal of Pharmaceutics and Biopharmaceutics*, **2007**, 67, 141-8	5.7	228
438	Polymeric Nanoparticles: Production, Characterization, Toxicology and Ecotoxicology. *Molecules*, **2020**, 25,	4.8	219
437	Current State-of-Art and New Trends on Lipid Nanoparticles (SLN and NLC) for Oral Drug Delivery. *Journal of Drug Delivery*, **2012**, 2012, 750891	2.3	198
436	Lipid-based colloidal carriers for peptide and protein delivery--liposomes versus lipid nanoparticles. *International Journal of Nanomedicine*, **2007**, 2, 595-607	7.3	193
435	Lopinavir loaded solid lipid nanoparticles (SLN) for intestinal lymphatic targeting. *European Journal of Pharmaceutical Sciences*, **2011**, 42, 11-8	5.1	192
434	Preparation, characterization and biocompatibility studies on risperidone-loaded solid lipid nanoparticles (SLN): high pressure homogenization versus ultrasound. *Colloids and Surfaces B: Biointerfaces*, **2011**, 86, 158-65	6	188
433	Curcuminoids-loaded lipid nanoparticles: novel approach towards malaria treatment. *Colloids and Surfaces B: Biointerfaces*, **2010**, 81, 263-73	6	179
432	Cosmetic features and applications of lipid nanoparticles (SLN, NLC). *International Journal of Cosmetic Science*, **2008**, 30, 157-65	2.7	176
431	Cyclosporine-loaded solid lipid nanoparticles (SLN): drug-lipid physicochemical interactions and characterization of drug incorporation. *European Journal of Pharmaceutics and Biopharmaceutics*, **2008**, 68, 535-44	5.7	172
430	Nanomedicines for ocular NSAIDs: safety on drug delivery. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2009**, 5, 394-401	6	169

429	In vivo pharmacokinetics and biodistribution of resveratrol-loaded solid lipid nanoparticles for brain delivery. *International Journal of Pharmaceutics*, **2014**, 474, 6-13	6.5	166
428	Development and evaluation of lipid nanocarriers for quercetin delivery: A comparative study of solid lipid nanoparticles (SLN), nanostructured lipid carriers (NLC), and lipid nanoemulsions (LNE). *LWT - Food Science and Technology*, **2014**, 59, 115-121	5.4	166
427	Preclinical safety of solid lipid nanoparticles and nanostructured lipid carriers: Current evidence from in vitro and in vivo evaluation. *European Journal of Pharmaceutics and Biopharmaceutics*, **2016**, 108, 235-252	5.7	163
426	Evaluation of the physical stability of SLN and NLC before and after incorporation into hydrogel formulations. *European Journal of Pharmaceutics and Biopharmaceutics*, **2004**, 58, 83-90	5.7	163
425	SLN and NLC for topical delivery of ketoconazole. *Journal of Microencapsulation*, **2005**, 22, 501-10	3.4	152
424	Influence of oil content on physicochemical properties and skin distribution of Nile red-loaded NLC. *Journal of Controlled Release*, **2008**, 128, 134-41	11.7	148
423	Oral insulin delivery by means of solid lipid nanoparticles. *International Journal of Nanomedicine*, **2007**, 2, 743-9	7.3	144
422	Polymorphic behaviour of Compritol888 ATO as bulk lipid and as SLN and NLC. *Journal of Microencapsulation*, **2006**, 23, 417-33	3.4	139
421	Lipid nanoparticles: effect on bioavailability and pharmacokinetic changes. *Handbook of Experimental Pharmacology*, **2010**, 115-41	3.2	133
420	Design and ocular tolerance of flurbiprofen loaded ultrasound-engineered NLC. *Colloids and Surfaces B: Biointerfaces*, **2010**, 81, 412-21	6	130
419	Optimization and physicochemical characterization of a triamcinolone acetonide-loaded NLC for ocular antiangiogenic applications. *International Journal of Pharmaceutics*, **2010**, 393, 167-75	6.5	129
418	Lipid Nanoparticles (SLN , NLC) for Cutaneous Drug Delivery:Structure, Protection and Skin Effects. *Journal of Biomedical Nanotechnology*, **2007**, 3, 317-331	4	126
417	Dual-drug loaded nanoparticles of Epigallocatechin-3-gallate (EGCG)/Ascorbic acid enhance therapeutic efficacy of EGCG in a APPswe/PS1dE9 Alzheimer's disease mice model. *Journal of Controlled Release*, **2019**, 301, 62-75	11.7	122
416	Nanostructured lipid carriers for triamcinolone acetonide delivery to the posterior segment of the eye. *Colloids and Surfaces B: Biointerfaces*, **2011**, 88, 150-7	6	119
415	Effect of polymer viscosity on physicochemical properties and ocular tolerance of FB-loaded PLGA nanospheres. *Colloids and Surfaces B: Biointerfaces*, **2009**, 72, 48-56	6	119
414	Solid lipid nanoparticles as intracellular drug transporters: an investigation of the uptake mechanism and pathway. *International Journal of Pharmaceutics*, **2012**, 430, 216-27	6.5	117
413	Beyond liposomes: Recent advances on lipid based nanostructures for poorly soluble/poorly permeable drug delivery. *Progress in Lipid Research*, **2017**, 68, 1-11	14.3	117
412	Q10-loaded NLC versus nanoemulsions: stability, rheology and in vitro skin permeation. *International Journal of Pharmaceutics*, **2009**, 377, 207-14	6.5	115

411	Development of ascorbyl palmitate nanocrystals applying the nanosuspension technology. *International Journal of Pharmaceutics*, **2008**, 354, 227-34	6.5	115
410	Insulin-loaded alginate microspheres for oral delivery Effect of polysaccharide reinforcement on physicochemical properties and release profile. *Carbohydrate Polymers*, **2007**, 69, 725-731	10.3	110
409	Optimizing flurbiprofen-loaded NLC by central composite factorial design for ocular delivery. *Nanotechnology*, **2011**, 22, 045101	3.4	107
408	Lipid nanoparticles (SLN, NLC): Overcoming the anatomical and physiological barriers of the eye - Part II - Ocular drug-loaded lipid nanoparticles. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 110, 58-69	5.7	106
407	SLN and NLC for topical, dermal, and transdermal drug delivery. *Expert Opinion on Drug Delivery*, **2020**, 17, 357-377	8	104
406	Design of cationic lipid nanoparticles for ocular delivery: development, characterization and cytotoxicity. *International Journal of Pharmaceutics*, **2014**, 461, 64-73	6.5	101
405	Tramadol hydrochloride: pharmacokinetics, pharmacodynamics, adverse side effects, co-administration of drugs and new drug delivery systems. *Biomedicine and Pharmacotherapy*, **2015**, 70, 234-8	7.5	101
404	Formulating fluticasone propionate in novel PEG-containing nanostructured lipid carriers (PEG-NLC). *Colloids and Surfaces B: Biointerfaces*, **2010**, 75, 538-42	6	100
403	Investigation of the factors influencing the incorporation of clotrimazole in SLN and NLC prepared by hot high-pressure homogenization. *Journal of Microencapsulation*, **2006**, 23, 377-88	3.4	98
402	Memantine loaded PLGA PEGylated nanoparticles for Alzheimer's disease: in vitro and in vivo characterization. *Journal of Nanobiotechnology*, **2018**, 16, 32	9.4	97
401	Nanostructured lipid carrier-based hydrogel formulations for drug delivery: a comprehensive review. *Expert Opinion on Drug Delivery*, **2009**, 6, 165-76	8	97
400	Feasibility of lipid nanoparticles for ocular delivery of anti-inflammatory drugs. *Current Eye Research*, **2010**, 35, 537-52	2.9	94
399	Brain delivery of camptothecin by means of solid lipid nanoparticles: formulation design, in vitro and in vivo studies. *International Journal of Pharmaceutics*, **2012**, 439, 49-62	6.5	89
398	Polymorphism, crystallinity and hydrophilic-lipophilic balance of stearic acid and stearic acid-capric/caprylic triglyceride matrices for production of stable nanoparticles. *Colloids and Surfaces B: Biointerfaces*, **2011**, 86, 125-30	6	89
397	Nanoemulsions (NEs), liposomes (LPs) and solid lipid nanoparticles (SLNs) for retinyl palmitate: effect on skin permeation. *International Journal of Pharmaceutics*, **2014**, 473, 591-8	6.5	88
396	Surface modified PLGA nanoparticles for brain targeting of Bacoside-A. *European Journal of Pharmaceutical Sciences*, **2014**, 63, 29-35	5.1	87
395	Nanostructured lipid carriers as novel carrier for sunscreen formulations. *International Journal of Cosmetic Science*, **2007**, 29, 473-82	2.7	86
394	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, 161-9	6.5	86

393	Arthemeter-loaded lipid nanoparticles produced by modified thin-film hydration: Pharmacokinetics, toxicological and in vivo anti-malarial activity. *European Journal of Pharmaceutical Sciences*, **2010**, 40, 448-55	5.1	83
392	Nanoencapsulation of polyphenols for protective effect against colon-rectal cancer. *Biotechnology Advances*, **2013**, 31, 514-23	17.8	82
391	PEGylated PLGA nanospheres optimized by design of experiments for ocular administration of dexibuprofen-in vitro, ex vivo and in vivo characterization. *Colloids and Surfaces B: Biointerfaces*, **2016**, 145, 241-250	6	82
390	Surface engineering of silica nanoparticles for oral insulin delivery: characterization and cell toxicity studies. *Colloids and Surfaces B: Biointerfaces*, **2014**, 123, 916-23	6	80
389	Silver Nanoparticles-Composing Alginate/Gelatine Hydrogel Improves Wound Healing In Vivo. *Nanomaterials*, **2020**, 10,	5.4	79
388	Alginate Nanoparticles for Drug Delivery and Targeting. *Current Pharmaceutical Design*, **2019**, 25, 1312-1334	3.4	79
387	Preparation and characterization of PEG-coated silica nanoparticles for oral insulin delivery. *International Journal of Pharmaceutics*, **2014**, 473, 627-35	6.5	79
386	Occult dysplasia is disclosed by Lugol chromoendoscopy in alcoholics at high risk for squamous cell carcinoma of the esophagus. *Endoscopy*, **1999**, 31, 281-5	3.4	76
385	Advances in nanomedicines for malaria treatment. *Advances in Colloid and Interface Science*, **2013**, 201-202, 1-17	14.3	75
384	Biopharmaceutical profile of pranoprofen-loaded PLGA nanoparticles containing hydrogels for ocular administration. *European Journal of Pharmaceutics and Biopharmaceutics*, **2015**, 95, 261-70	5.7	75
383	Physicochemical characterization of epigallocatechin gallate lipid nanoparticles (EGCG-LNs) for ocular instillation. *Colloids and Surfaces B: Biointerfaces*, **2014**, 123, 452-60	6	74
382	Linalool bioactive properties and potential applicability in drug delivery systems. *Colloids and Surfaces B: Biointerfaces*, **2018**, 171, 566-578	6	73
381	Cross-linked chitosan microspheres for oral delivery of insulin: Taguchi design and in vivo testing. *Colloids and Surfaces B: Biointerfaces*, **2012**, 92, 175-9	6	73
380	Current Applications of Nanoemulsions in Cancer Therapeutics. *Nanomaterials*, **2019**, 9,	5.4	72
379	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, 118-26	5.7	71
378	Lipid nanoparticles (SLN, NLC): Overcoming the anatomical and physiological barriers of the eye - Part I - Barriers and determining factors in ocular delivery. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 110, 70-75	5.7	71
377	Predictive modeling of insulin release profile from cross-linked chitosan microspheres. *European Journal of Medicinal Chemistry*, **2013**, 60, 249-53	6.8	69
376	Advanced Formulation Approaches for Ocular Drug Delivery: State-Of-The-Art and Recent Patents. *Pharmaceutics*, **2019**, 11,	6.4	68

375	Preparation and characterization of n-dodecyl-ferulate-loaded solid lipid nanoparticles (SLN). *International Journal of Pharmaceutics*, **2005**, 295, 261-8	6.5	68
374	Lipid nanocarriers for the loading of polyphenols - A comprehensive review. *Advances in Colloid and Interface Science*, **2018**, 260, 85-94	14.3	64
373	Optimizing SLN and NLC by 2(2) full factorial design: effect of homogenization technique. *Materials Science and Engineering C*, **2012**, 32, 1375-9	8.3	64
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371	Anti-inflammatory and anti-cancer activity of citral: Optimization of citral-loaded solid lipid nanoparticles (SLN) using experimental factorial design and LUMiSizer . *International Journal of Pharmaceutics*, **2018**, 553, 428-440	6.5	63
370	Design and characterization of chitosan/zeolite composite films--Effect of zeolite type and zeolite dose on the film properties. *Materials Science and Engineering C*, **2016**, 60, 246-254	8.3	62
369	Chapter 6 - Solid lipid nanoparticle formulations pharmacokinetic and biopharmaceutical aspects in drug delivery. *Methods in Enzymology*, **2009**, 464, 105-29	1.7	62
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367	Nanoparticle Delivery Systems in the Treatment of Diabetes Complications. *Molecules*, **2019**, 24,	4.8	60
366	Solid lipid nanoparticles for hydrophilic biotech drugs: optimization and cell viability studies (Caco-2 & HEPG-2 cell lines). *European Journal of Medicinal Chemistry*, **2014**, 81, 28-34	6.8	58
365	Advances in brain drug targeting and delivery: limitations and challenges of solid lipid nanoparticles. *Expert Opinion on Drug Delivery*, **2013**, 10, 889-905	8	58
364	Memantine-Loaded PEGylated Biodegradable Nanoparticles for the Treatment of Glaucoma. *Small*, **2018**, 14, 1701808	11	58
363	Cationic solid lipid nanoparticles interfere with the activity of antioxidant enzymes in hepatocellular carcinoma cells. *International Journal of Pharmaceutics*, **2014**, 471, 18-27	6.5	57
362	Cationic solid lipid nanoparticles (cSLN): structure, stability and DNA binding capacity correlation studies. *International Journal of Pharmaceutics*, **2011**, 420, 341-9	6.5	57
361	Current nanotechnology approaches for the treatment and management of diabetic retinopathy. *European Journal of Pharmaceutics and Biopharmaceutics*, **2015**, 95, 307-22	5.7	56
360	Improved and safe transcorneal delivery of flurbiprofen by NLC and NLC-based hydrogels. *Journal of Pharmaceutical Sciences*, **2012**, 101, 707-25	3.9	56
359	Nanoemulsions for dermal controlled release of oleanolic and ursolic acids: In vitro, ex vivo and in vivo characterization. *Colloids and Surfaces B: Biointerfaces*, **2015**, 130, 40-7	6	55
358	Grape Seeds: Chromatographic Profile of Fatty Acids and Phenolic Compounds and Qualitative Analysis by FTIR-ATR Spectroscopy. *Foods*, **2019**, 9,	4.9	55

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356	Nanotoxicology and Nanosafety: Safety-By-Design and Testing at a Glance. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	53
355	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, 31-7	6.5	53
354	Potential use of nanostructured lipid carriers for topical delivery of flurbiprofen. *Journal of Pharmaceutical Sciences*, **2011**, 100, 242-51	3.9	53
353	Abelmoschus esculentus (L.): Bioactive Components' Beneficial Properties-Focused on Antidiabetic Role-For Sustainable Health Applications. *Molecules*, **2018**, 24,	4.8	52
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351	Sugar-Lowering Drugs for Type 2 Diabetes Mellitus and Metabolic Syndrome-Review of Classical and New Compounds: Part-I. *Pharmaceuticals*, **2019**, 12,	5.2	49
350	Nanomedicines for the Delivery of Antimicrobial Peptides (AMPs). *Nanomaterials*, **2020**, 10,	5.4	49
349	Colon specific chitosan microspheres for chronotherapy of chronic stable angina. *Colloids and Surfaces B: Biointerfaces*, **2011**, 83, 277-83	6	48
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345	(+)-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,	6.3	46
344	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	6.5	46
343	Cationic Surfactants: Self-Assembly, Structure-Activity Correlation and Their Biological Applications. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	46
342	Solid lipid nanoparticles (SLN)--effects of lipid composition on in vitro degradation and in vivo toxicity. *Die Pharmazie*, **2006**, 61, 539-44	1.5	46
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340	New Nanotechnologies for the Treatment and Repair of Skin Burns Infections. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	44

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338	Experimental factorial design applied to mucoadhesive lipid nanoparticles via multiple emulsion process. *Colloids and Surfaces B: Biointerfaces*, **2012**, 100, 84-9	6	44
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336	Clotrimazole-Loaded Mediterranean Essential Oils NLC: A Synergic Treatment of Skin Infections. *Pharmaceutics*, **2019**, 11,	6.4	43
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334	d-□tocopherol nanoemulsions: Size properties, rheological behavior, surface tension, osmolarity and cytotoxicity. *Saudi Pharmaceutical Journal*, **2017**, 25, 231-235	4.4	42
333	Multivariate design for the evaluation of lipid and surfactant composition effect for optimisation of lipid nanoparticles. *European Journal of Pharmaceutical Sciences*, **2012**, 45, 613-23	5.1	41
332	A novel lipid nanocarrier for insulin delivery: production, characterization and toxicity testing. *Pharmaceutical Development and Technology*, **2013**, 18, 545-9	3.4	41
331	Nanopharmaceutics: Part I-Clinical Trials Legislation and Good Manufacturing Practices (GMP) of Nanotherapeutics in the EU. *Pharmaceutics*, **2020**, 12,	6.4	40
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329	Nanomaterials for Skin Delivery of Cosmeceuticals and Pharmaceuticals. *Applied Sciences (Switzerland)*, **2020**, 10, 1594	2.6	39
328	Mixed cationic liposomes for brain delivery of drugs by the intranasal route: The acetylcholinesterase reactivator 2-PAM as encapsulated drug model. *Colloids and Surfaces B: Biointerfaces*, **2018**, 171, 358-367	6	39
327	Nanoemulsions for delivery of flavonoids: formulation and in vitro release of rutin as model drug. *Pharmaceutical Development and Technology*, **2014**, 19, 677-80	3.4	39
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325	Nanopharmaceutics: Part II-Production Scales and Clinically Compliant Production Methods. *Nanomaterials*, **2020**, 10,	5.4	38
324	Thermo-sensitive gels containing lorazepam microspheres for intranasal brain targeting. *International Journal of Pharmaceutics*, **2013**, 441, 516-26	6.5	38
323	Sucupira Oil-Loaded Nanostructured Lipid Carriers (NLC): Lipid Screening, Factorial Design, Release Profile, and Cytotoxicity. *Molecules*, **2020**, 25,	4.8	37
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320	Development and Optimization of Alpha-Pinene-Loaded Solid Lipid Nanoparticles (SLN) Using Experimental Factorial Design and Dispersion Analysis. *Molecules*, **2019**, 24,	4.8	36
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318	Development and characterization of a cationic lipid nanocarrier as non-viral vector for gene therapy. *European Journal of Pharmaceutical Sciences*, **2015**, 66, 78-82	5.1	35
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315	Validation of a high performance liquid chromatography method for the stabilization of epigallocatechin gallate. *International Journal of Pharmaceutics*, **2014**, 475, 181-90	6.5	34
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311	Dual-drugs delivery in solid lipid nanoparticles for the treatment of Candida albicans mycosis. *Colloids and Surfaces B: Biointerfaces*, **2020**, 186, 110705	6	33
310	Transferrin-Conjugated Docetaxel-PLGA Nanoparticles for Tumor Targeting: Influence on MCF-7 Cell Cycle. *Polymers*, **2019**, 11,	4.5	33
309	An Updated Overview on Nanonutraceuticals: Focus on Nanoprebiotics and Nanoprobiotics. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	32
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304	Biopharmaceutical profile of a clotrimazole nanoemulsion: Evaluation on skin and mucosae as anticandidal agent. *International Journal of Pharmaceutics*, **2019**, 554, 105-115	6.5	31

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302	Properties, Extraction Methods, and Delivery Systems for Curcumin as a Natural Source of Beneficial Health Effects. *Medicina (Lithuania)*, **2020**, 56,	3.1	30
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299	Big impact of nanoparticles: analysis of the most cited nanopharmaceuticals and nanonutraceuticals research. *Current Research in Biotechnology*, **2020**, 2, 53-63	4.8	29
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297	Nanoemulsions and nanoparticles for non-melanoma skin cancer: effects of lipid materials. *Clinical and Translational Oncology*, **2013**, 15, 417-24	3.6	29
296	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	5.1	29
295	Sugar-Lowering Drugs for Type 2 Diabetes Mellitus and Metabolic Syndrome-Strategies for In Vivo Administration: Part-II. *Journal of Clinical Medicine*, **2019**, 8,	5.1	28
294	Development of Chitosan/Silver Sulfadiazine/Zeolite Composite Films for Wound Dressing. *Pharmaceutics*, **2019**, 11,	6.4	28
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292	Polyphenols-enriched Hibiscus sabdariffa extract-loaded nanostructured lipid carriers (NLC): Optimization by multi-response surface methodology. *Journal of Drug Delivery Science and Technology*, **2019**, 49, 660-667	4.5	27
291	Rosemary (L., syn Spenn.) and Its Topical Applications: A Review. *Plants*, **2020**, 9,	4.5	27
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289	Modified-release topical hydrogels: a ten-year review. *Journal of Materials Science*, **2019**, 54, 10963-10983	4.3	26
288	Loading, release profile and accelerated stability assessment of monoterpenes-loaded solid lipid nanoparticles (SLN). *Pharmaceutical Development and Technology*, **2020**, 25, 832-844	3.4	26
287	Biopharmaceutical profile of hydrogels containing pranoprofen-loaded PLGA nanoparticles for skin administration: In vitro, ex vivo and in vivo characterization. *International Journal of Pharmaceutics*, **2016**, 501, 350-61	6.5	26
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