Snezana Savic

List of Publications by Year
in descending order

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102	1,984	186265	289244
papers	citations	28 h-index	40 g-index

104	104	104	2286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards Optimal pH of the Skin and Topical Formulations: From the Current State of the Art to Tailored Products. Cosmetics, 2021, 8, 69.	3.3	89
2	Solid lipid nanoparticles (SLN) stabilized with polyhydroxy surfactants: Preparation, characterization and physical stability investigation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 444, 15-25.	4.7	87
3	A combined approach in characterization of an effective w/o hand cream: the influence of emollient on textural, sensorial and in vivo skin performance. International Journal of Cosmetic Science, 2012, 34, 140-149.	2.6	73
4	An alkyl polyglucoside-mixed emulsifier as stabilizer of emulsion systems: The influence of colloidal structure on emulsions skin hydration potential. Journal of Colloid and Interface Science, 2011, 358, 182-191.	9.4	62
5	pH-sensitive microparticles for oral drug delivery based on alginate/oligochitosan/EudragitÂ® L100-55 â€œsandwichâ€•polyelectrolyte complex. Colloids and Surfaces B: Biointerfaces, 2013, 110, 395-402.	5.0	61
6	Parenteral nanoemulsions as promising carriers for brain delivery of risperidone: Design, characterization and in vivo pharmacokinetic evaluation. International Journal of Pharmaceutics, 2015, 493, 40-54.	5.2	61
7	Formulation of solid lipid nanoparticles (SLN): The value of different alkyl polyglucoside surfactants. International Journal of Pharmaceutics, 2014, 474, 33-41.	5.2	59
8	An Overview of Novel Surfactants for Formulation of Cosmetics with Certain Emphasis on Acidic Active Substances. Tenside, Surfactants, Detergents, 2016, 53, 7-19.	1.2	57
9	PWZ-029, a compound with moderate inverse agonist functional selectivity at GABAA receptors containing Î±5 subunits, improves passive, but not active, avoidance learning in rats. Brain Research, 2008, 1208, 150-159.	2.2	54
10	Colloidal microstructure of binary systems and model creams stabilized with an alkylpolyglucoside non-ionic emulsifier. Colloid and Polymer Science, 2005, 283, 439-451.	2.1	50
11	Evaluation of Anticancer and Antioxidant Activity of a Commercially Available CO2 Supercritical Extract of Old Manâ€™s Beard (Usnea barbata). PLoS ONE, 2016, 11, e0146342.	2.5	47
12	From conventional towards new â€“ natural surfactants in drug delivery systems design: current status and perspectives. Expert Opinion on Drug Delivery, 2010, 7, 353-369.	5.0	44
13	Tacrolimus loaded biocompatible lecithin-based microemulsions with improved skin penetration: Structure characterization and in vitro/in vivo performances. International Journal of Pharmaceutics, 2017, 529, 491-505.	5.2	44
14	Experimental Design in Formulation of Diazepam Nanoemulsions: Physicochemical and Pharmacokinetic Performances. Journal of Pharmaceutical Sciences, 2013, 102, 4159-4172.	3.3	42
15	An alkylpolyglucoside surfactant as a prospective pharmaceutical excipient for topical formulations: The influence of oil polarity on the colloidal structure and hydrocortisone in vitro/in vivo permeation. European Journal of Pharmaceutical Sciences, 2007, 30, 441-450.	4.0	41
16	Biocompatible microemulsions of a model NSAID for skin delivery: A decisive role of surfactants in skin penetration/irritation profiles and pharmacokinetic performance. International Journal of Pharmaceutics, 2015, 496, 931-941.	5.2	41
17	Vehicle-controlled effect of urea on normal and SLS-irritated skin. International Journal of Pharmaceutics, 2004, 271, 269-280.	5.2	40
18	Natural surfactant-based topical vehicles for two model drugs: Influence of different lipophilic excipients on in vitro/in vivo skin performance. International Journal of Pharmaceutics, 2009, 381, 220-230.	5.2	40

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19	Parenteral nanoemulsions of risperidone for enhanced brain delivery in acute psychosis: Physicochemical and in vivo performances. International Journal of Pharmaceutics, 2017, 533, 421-430.	5.2	39
20	Moisturizing emulsion systems based on the novel long-chain alkyl polyglucoside emulsifier. Journal of Thermal Analysis and Calorimetry, 2013, 111, 2045-2057.	3.6	38
21	Vehicles based on a sugar surfactant: Colloidal structure and its impact on in vitro/in vivo hydrocortisone permeation. International Journal of Pharmaceutics, 2006, 320, 86-95.	5.2	36
22	Functional ibuprofen-loaded cationic nanoemulsion: Development and optimization for dry eye disease treatment. International Journal of Pharmaceutics, 2020, 576, 118979.	5.2	36
23	Topical vehicles based on natural surfactant/fatty alcohols mixed emulsifier: The influence of two polyols on the colloidal structure and in vitro/in vivo skin performance. Journal of Pharmaceutical Sciences, 2009, 98, 2073-2090.	3.3	35
24	Lactobionic acid in a natural alkylpolyglucosideâ€based vehicle: assessing safety and efficacy aspects in comparison to glycolic acid. Journal of Cosmetic Dermatology, 2010, 9, 3-10.	1.6	34
25	Effect of Small Change in Oil Phase Composition on Rheological and Textural Properties of w/o Emulsion. Journal of Texture Studies, 2013, 44, 34-44.	2.5	34
26	Compounding of a topical drug with prospective natural surfactant-stabilized pharmaceutical bases: Physicochemical and in vitro/in vivo characterization â€“ A ketoprofen case study. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 80, 164-175.	4.3	31
27	Curcumin-loaded low-energy nanoemulsions as a prototype of multifunctional vehicles for different administration routes: Physicochemical and in vitro peculiarities important for dermal application. International Journal of Pharmaceutics, 2018, 550, 333-346.	5.2	30
28	Cationic surfactants-modified natural zeolites: improvement of the excipients functionality. Drug Development and Industrial Pharmacy, 2010, 36, 1215-1224.	2.0	29
29	Tacrolimus-loaded lecithin-based nanostructured lipid carrier and nanoemulsion with propylene glycol monocaprylate as a liquid lipid: Formulation characterization and assessment of dermal delivery compared to referent ointment. International Journal of Pharmaceutics, 2019, 569, 118624.	5.2	28
30	Microstructure and biopharmaceutical performances of curcumin-loaded low-energy nanoemulsions containing eucalyptol and pinene: Terpenesâ€™ role overcome penetration enhancement effect?. European Journal of Pharmaceutical Sciences, 2020, 142, 105135.	4.0	28
31	An investigation of formulation factors affecting feasibility of alginate-chitosan microparticles for oral delivery of naproxen. Archives of Pharmacal Research, 2011, 34, 919-929.	6.3	27
32	The Implications of Regulatory Framework for Topical Semisolid Drug Products: From Critical Quality and Performance Attributes towards Establishing Bioequivalence. Pharmaceutics, 2021, 13, 710.	4.5	27
33	Examination of the Regulatory Frameworks Applicable to Biologic Drugs (Including Stem Cells and) Tj ETQq1 1 0.784314 rgBT /Overlock Stem Cells Translational Medicine, 2012, 1, 898-908.	3.3	26
34	Combined use of biocompatible nanoemulsions and solid microneedles to improve transport of a model NSAID across the skin: In vitro and in vivo studies. European Journal of Pharmaceutical Sciences, 2018, 125, 110-119.	4.0	25
35	Chitosan oligosaccharide as prospective cross-linking agent for naproxen-loaded Ca-alginate microparticles with improved pH sensitivity. Drug Development and Industrial Pharmacy, 2013, 39, 77-88.	2.0	24
36	Bacillus licheniformis levan as a functional biopolymer in topical drug dosage forms: From basic colloidal considerations to actual pharmaceutical application. European Journal of Pharmaceutical Sciences, 2020, 142, 105109.	4.0	23

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37	Technological Approaches for Improving Vaccination Compliance and Coverage. Vaccines, 2020, 8, 304.	4.4	23
38	Nano- and Microcarriers as Drug Delivery Systems for Usnic Acid: Review of Literature. Pharmaceutics, 2020, 12, 156.	4.5	23
39	Biocompatible Nanoemulsions for Improved Aceclofenac Skin Delivery: Formulation Approach Using Combined Mixture-Process Experimental Design. Journal of Pharmaceutical Sciences, 2016, 105, 308-323.	3.3	22
40	Sucrose ester-based biocompatible microemulsions as vehicles for aceclofenac as a model drug: formulation approach using D-optimal mixture design. Colloid and Polymer Science, 2014, 292, 3061-3076.	2.1	21
41	Critical quality attributes, in vitro release and correlated in vitro skin permeationâ€”in vivo tape stripping collective data for demonstrating therapeutic (non)equivalence of topical semisolids: A case study of â€œready-to-useâ€•vehicles. International Journal of Pharmaceutics, 2017, 528, 253-267.	5.2	21
42	Biocompatible microemulsions for improved dermal delivery of sertaconazole nitrate: Phase behavior study and microstructure influence on drug biopharamaceutical properties. Journal of Molecular Liquids, 2018, 272, 746-758.	4.9	20
43	The Physicochemical Characterization and In Vitro/In Vivo Evaluation of Natural Surfactants-based Emulsions as Vehicles for Diclofenac Diethylamine. Drug Development and Industrial Pharmacy, 2007, 33, 221-234.	2.0	19
44	Curcumin-loaded low-energy nanoemulsions: Linking EPR spectroscopy-analysed microstructure and antioxidant potential with in vitro evaluated biological activity. Journal of Molecular Liquids, 2020, 301, 112479.	4.9	19
45	Preparation and Characterisation of Phenytoin-Loaded Alginate and Alginate-Chitosan Microparticles. Drug Delivery, 2007, 14, 483-490.	5.7	14
46	Examination of the Regulatory Frameworks Applicable to Biologic Drugs (Including Stem Cells and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Stem Cells Translational Medicine, 2012, 1, 909-920.	3.3	14
47	Sucrose esters as biocompatible surfactants for penetration enhancement: An insight into the mechanism of penetration enhancement studied using stratum corneum model lipids and Langmuir monolayers. European Journal of Pharmaceutical Sciences, 2017, 99, 161-172.	4.0	14
48	Polyglycerol Ester-Based Low Energy Nanoemulsions with Red Raspberry Seed Oil and Fruit Extracts: Formulation Development toward Effective In Vitro/In Vivo Bioperformance. Nanomaterials, 2021, 11, 217.	4.1	14
49	Development of a prospective isopropyl alcohol-loaded pharmaceutical base using simultaneousin vitro/in vivocharacterization methods of skin performance. Drug Development and Industrial Pharmacy, 2014, 40, 960-971.	2.0	12
50	Ex vivo skin permeation and penetration of nonivamide from and in vivo skin tolerability of film-forming formulations containing porous silica. European Journal of Pharmaceutical Sciences, 2017, 106, 34-40.	4.0	12
51	Alkyl polyglucoside vs. ethoxylated surfactant-based microemulsions as vehicles for two poorly water-soluble drugs: physicochemical characterization and in vivo skin performance. Acta Pharmaceutica, 2017, 67, 415-439.	2.0	11
52	A 10% Lactobionic acidâ€containing moisturizer reduces skin surface pH without irritationâ€”An in vivo/in vitro study. Journal of Cosmetic Dermatology, 2019, 18, 1705-1710.	1.6	11
53	pHâ€sensitive polyelectrolyte films derived from submicron chitosan/Eudragit^{Â®} L 100â€55 complexes: Physicochemical characterization and in vitro drug release. Journal of Applied Polymer Science, 2015, 132, .	2.6	10
54	Behind the Alkyl Polyglucoside-based structures: Lamellar liquid crystalline and lamellar gel phases in different emulsion systems. , 2014, , 21-52.		9

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55	Usnea barbata CO₂-supercritical extract in alkyl polyglucoside-based emulsion system: contribution of Confocal Raman imaging to the formulation development of a natural product. Pharmaceutical Development and Technology, 2016, 21, 563-575.	2.4	9
56	Formulation of topical acidic products and acidification of the skin â€“ Contribution of glycolic acid. International Journal of Cosmetic Science, 2021, 43, 419-431.	2.6	8
57	Alp Rose stem cells, olive oil squalene and a natural alkyl polyglucoside emulsifier: Are they appropriate ingredients of skin moisturizers - in vivo efficacy on normal and sodium lauryl sulfate - irritated skin?. Vojnosanitetski Pregled, 2016, 73, 991-1002.	0.2	8
58	Objective skin performance evaluation: How mild are APGs to the skin?. , 2014, , 135-161.		7
59	Effect of small changes in natural origin-based emulsion systems on hydrocortisone skin absorption and performance: a comparison of twoin vivomethods. Pharmaceutical Development and Technology, 2014, 19, 55-64.	2.4	7
60	A new class of emulsion systems â€“ Fast inverted o/w emulsions: Formulation approach, physical stability and colloidal structure. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 461, 267-278.	4.7	7
61	Feasibility of a Natural Surfactant as a Stabilizer for Cosmetics with Liposome-Encapsulated Plant Stem Cells: Pre-Formulation and Formulation Through Stability Studies. Tenside, Surfactants, Detergents, 2016, 53, 214-226.	1.2	7
62	Stability, antioxidant activity, in vivo safety and efficacy of creams with standardized wild apple fruit extract: a comparison of conventional and biodegradable emulsifiers. International Journal of Cosmetic Science, 2019, 41, 300-310.	2.6	7
63	Nanocrystal dispersion of DK-I-56â€“1, a poorly soluble pyrazoloquinolinone positive modulator of Î±6 GABAA receptors: Formulation approach toward improved in vivo performance. European Journal of Pharmaceutical Sciences, 2020, 152, 105432.	4.0	7
64	Comparative efficacy evaluation of different penetration enhancement strategies for dermal delivery of poorly soluble drugs â€“ A case with sertaconazole nitrate. European Journal of Pharmaceutical Sciences, 2021, 164, 105895.	4.0	7
65	Natural Surfactant-Based Emulsion Vehicles: A Correlation Between Colloidal Structure and In Vitro Release of Diclofenac Diethylamine. Journal of Dispersion Science and Technology, 2010, 31, 1077-1084.	2.4	6
66	Alkyl polyglucoside-based adapalene-loaded microemulsions for targeted dermal delivery: Structure, stability and comparative biopharmaceutical characterization with a conventional dosage form. Journal of Drug Delivery Science and Technology, 2019, 54, 101245.	3.0	6
67	A stepwise protocol for drug permeation assessment that combines heat-separated porcine ear epidermis and vertical diffusion cells. Hemijska Industrija, 2018, 72, 47-53.	0.7	6
68	Natural Surfactant-Based Emulsion Systems: The Influence of Common Pharmaceutical Excipients on Colloidal Structure and Physical Stability. Journal of Dispersion Science and Technology, 2008, 29, 1276-1287.	2.4	5
69	Development and validation of an LC-MS/MS method for the determination of adapalene in pharmaceutical forms for skin application. Journal of the Serbian Chemical Society, 2016, 81, 1171-1181.	0.8	5
70	Physicochemical Characterization and in vivo Skin Performance of a Novel Alkyl Polyglucoside Emulsifier in Natural Cosmetic Cream-Bases. Tenside, Surfactants, Detergents, 2014, 51, 133-145.	1.2	4
71	A comparison of Myribase and Doublebase gel: Does qualitative similarity of emollient products imply their direct interchangeability in everyday practice?. Dermatologic Therapy, 2020, 33, e14020.	1.7	4
72	Safety of cosmetic products in the light of European legislation: Cosmetic Regulation (EC) No 1223/2009. Arhiv Za Farmaciju, 2018, 68, 911-933.	0.5	4

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73	Towards Alkyl Polyglucoside-stabilized formulations: Influence of some common excipients. , 2014, , 53-72.		3
74	Biological Evaluation of Oil-in-Water Microemulsions as Carriers of Benzothiophene Analogues for Dermal Applications. Biomimetics, 2021, 6, 10.	3.3	3
75	Alkyl polyglucoside-stabilized emulsion as a prospective vehicle for Usnea barbata CO2-supercritical extract: Assessing stability, safety and efficiency of a topical formulation. Hemijska Industrija, 2015, 69, 703-712.	0.7	3
76	Chemical composition and biological activities of the extracts and secondary metabolites of lichens belonging to the genus Usnea, Parmeliaceae. Lekovite Sirovine, 2018, , 68-80.	0.2	3
77	The reverse dialysis bag method for the assessment of in vitro drug release from parenteral nanoemulsions: A case study of risperidone. Advanced Technologies, 2020, 9, 5-12.	0.4	3
78	Nanoemulsions produced with varied type of emulsifier and oil content: An influence of formulation and process parameters on the characteristics and physical stability. Hemijska Industrija, 2013, 67, 795-809.	0.7	2
79	Emulsion systems: From stability concerns to sensory properties. , 2014, , 73-105.		2
80	Natural Emulsifiers of the Alkyl Polyglucoside Type and Their Influence on the Permeation of Drugs. , 2015, , 231-250.		2
81	Nanoemulsions as Carriers for Natural Antioxidants: Formulation Development and Optimisation. Food Bioactive Ingredients, 2020, , 149-195.	0.4	2
82	Cytotoxic activity of supercritical CO2 extract of old man's beard in L929 fibrosarcoma cell line. Lekovite Sirovine, 2019, , 30-34.	0.2	2
83	Effects of anti-age cosmetic products: Claims substantiation. Arhiv Za Farmaciju, 2017, 67, 209-219.	0.5	2
84	Simultaneous Physico-Mechanical and In Vivo Assessment towards Factual Skin Performance Profile of Topical Polymeric Film-Forming Systems. Pharmaceutics, 2022, 14, 223.	4.5	2
85	Lipid nanoparticles employed in mRNA-based COVID-19 vaccines: An overview of materials and processes used for development and production. Arhiv Za Farmaciju, 2022, 72, 20-35.	0.5	2
86	Alkyl Polyglucoside-based delivery systems: In vitro/in vivo skin absorption assessment. , 2014, , 107-134.		1
87	Eksperimental evaluation of efficacy of the strategies for the persuasion resistance. Psihologija, 2006, 39, 147-165.	0.6	1
88	Established and advanced adjuvants in vaccines' formulation: Mineral adsorbents, nanoparticulate carriers and microneedle delivery systems. Arhiv Za Farmaciju, 2019, 69, 420-451.	0.5	1
89	Low energy nanoemulsions as carriers for essential oils in topical formulations for antioxidant skin protection. Hemijska Industrija, 2022, 76, 29-42.	0.7	1
90	Coupling AFM, DSC and FT-IR towards Elucidation of Film-Forming Systems Transformation to Dermal Films: A Betamethasone Dipropionate Case Study. International Journal of Molecular Sciences, 2022, 23, 6013.	4.1	1

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91	http://publisher.medfak.ni.ac.rs/2015-html/1-broj/Dragoljub%20Miladinovic%20METAL%20AND%20ANTIOXIDANT.pdf. Acta Medica Medianae, 2015, 54, 34-39.	0.1	0
92	From physicochemically stable Nanocarriers to targeted delivery. , 2018, , 301-333.		0
93	Restorative justice and the law on juvenile off enders and criminal protection of juveniles of the Republic of Serbia from the perspective of judicial practice. Temida, 2007, 10, 47-48.	0.2	0
94	Film-forming materials in contemporary formulations of cosmetic products. Arhiv Za Farmaciju, 2018, 68, 46-64.	0.5	0
95	Alp rose stem cells as cosmetic creams ingredient: Expected and established creams effects on the skin. Arhiv Za Farmaciju, 2018, 68, 874-884.	0.5	0
96	Challenges of in vitro characterization of nonbiological complex drugs: Example of parenteral preparations with liposomal drug carriers. Arhiv Za Farmaciju, 2019, 69, 176-198.	0.5	0
97	Cosmetic products and non-invasive aesthetic procedures: Safety of usage and recommendations regarding selection during pregnancy and lactation. Arhiv Za Farmaciju, 2019, 69, 199-212.	0.5	0
98	Curcumin nanonization using an alternative small-scale production unit: selection of proper stabilizer applying basic physicochemical consideration and biological activity assessment of nanocrystals. Reviews on Advanced Materials Science, 2020, 59, 406-424.	3.3	0
99	Nano-crystalline suspensions of novel pyrazoloquinolinones ligand (DK-I-56-1). , 2020, , .		0
100	Low-energy nanoemulsions for curcumin delivery. , 2020, , .		0
101	Curcumin loaded PEGylated nanoemulsions. , 2020, , .		0
102	Chemical vs. Physical Methods to Improve Dermal Drug Delivery: A Case Study with Nanoemulsions and Iontophoresis. Pharmaceutics, 2022, 14, 1144.	4.5	0