

Snezana Savic

List of Publications by Year in descending order

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102
papers

1,984
citations

186265

28
h-index

289244

40
g-index

104
all docs

104
docs citations

104
times ranked

2286
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous Physico-Mechanical and In Vivo Assessment towards Factual Skin Performance Profile of Topical Polymeric Film-Forming Systems. <i>Pharmaceutics</i> , 2022, 14, 223.	4.5	2
2	Low energy nanoemulsions as carriers for essential oils in topical formulations for antioxidant skin protection. <i>Hemijaska Industrija</i> , 2022, 76, 29-42.	0.7	1
3	Lipid nanoparticles employed in mRNA-based COVID-19 vaccines: An overview of materials and processes used for development and production. <i>Arhiv Za Farmaciju</i> , 2022, 72, 20-35.	0.5	2
4	Coupling AFM, DSC and FT-IR towards Elucidation of Film-Forming Systems Transformation to Dermal Films: A Betamethasone Dipropionate Case Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6013.	4.1	1
5	Chemical vs. Physical Methods to Improve Dermal Drug Delivery: A Case Study with Nanoemulsions and Iontophoresis. <i>Pharmaceutics</i> , 2022, 14, 1144.	4.5	0
6	Polyglycerol Ester-Based Low Energy Nanoemulsions with Red Raspberry Seed Oil and Fruit Extracts: Formulation Development toward Effective In Vitro/In Vivo Bioperformance. <i>Nanomaterials</i> , 2021, 11, 217.	4.1	14
7	The Implications of Regulatory Framework for Topical Semisolid Drug Products: From Critical Quality and Performance Attributes towards Establishing Bioequivalence. <i>Pharmaceutics</i> , 2021, 13, 710.	4.5	27
8	Formulation of topical acidic products and acidification of the skin – Contribution of glycolic acid. <i>International Journal of Cosmetic Science</i> , 2021, 43, 419-431.	2.6	8
9	Towards Optimal pH of the Skin and Topical Formulations: From the Current State of the Art to Tailored Products. <i>Cosmetics</i> , 2021, 8, 69.	3.3	89
10	Comparative efficacy evaluation of different penetration enhancement strategies for dermal delivery of poorly soluble drugs – A case with sertaconazole nitrate. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 164, 105895.	4.0	7
11	Biological Evaluation of Oil-in-Water Microemulsions as Carriers of Benzothiophene Analogues for Dermal Applications. <i>Biomimetics</i> , 2021, 6, 10.	3.3	3
12	Microstructure and biopharmaceutical performances of curcumin-loaded low-energy nanoemulsions containing eucalyptol and pinene: Terpenes – role overcome penetration enhancement effect?. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 142, 105135.	4.0	28
13	Curcumin-loaded low-energy nanoemulsions: Linking EPR spectroscopy-analysed microstructure and antioxidant potential with in vitro evaluated biological activity. <i>Journal of Molecular Liquids</i> , 2020, 301, 112479.	4.9	19
14	Functional ibuprofen-loaded cationic nanoemulsion: Development and optimization for dry eye disease treatment. <i>International Journal of Pharmaceutics</i> , 2020, 576, 118979.	5.2	36
15	<i>Bacillus licheniformis</i> levan as a functional biopolymer in topical drug dosage forms: From basic colloidal considerations to actual pharmaceutical application. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 142, 105109.	4.0	23
16	A comparison of Myribase and Doublebase gel: Does qualitative similarity of emollient products imply their direct interchangeability in everyday practice?. <i>Dermatologic Therapy</i> , 2020, 33, e14020.	1.7	4
17	Technological Approaches for Improving Vaccination Compliance and Coverage. <i>Vaccines</i> , 2020, 8, 304.	4.4	23
18	Nanocrystal dispersion of DK-1-56 – 1, a poorly soluble pyrazoloquinolinone positive modulator of $\hat{1}\pm 6$ GABAA receptors: Formulation approach toward improved in vivo performance. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 152, 105432.	4.0	7

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19	Nano- and Microcarriers as Drug Delivery Systems for Usnic Acid: Review of Literature. <i>Pharmaceutics</i> , 2020, 12, 156.	4.5	23
20	Nanoemulsions as Carriers for Natural Antioxidants: Formulation Development and Optimisation. <i>Food Bioactive Ingredients</i> , 2020, , 149-195.	0.4	2
21	Curcumin nanonization using an alternative small-scale production unit: selection of proper stabilizer applying basic physicochemical consideration and biological activity assessment of nanocrystals. <i>Reviews on Advanced Materials Science</i> , 2020, 59, 406-424.	3.3	0
22	Nano-crystalline suspensions of novel pyrazoloquinolinones ligand (DK-I-56-1). , 2020, , .		0
23	Low-energy nanoemulsions for curcumin delivery. , 2020, , .		0
24	The reverse dialysis bag method for the assessment of in vitro drug release from parenteral nanoemulsions: A case study of risperidone. <i>Advanced Technologies</i> , 2020, 9, 5-12.	0.4	3
25	Curcumin loaded PEGylated nanoemulsions. , 2020, , .		0
26	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. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118624.	5.2	28
27	Alkyl polyglucoside-based adapalene-loaded microemulsions for targeted dermal delivery: Structure, stability and comparative biopharmaceutical characterization with a conventional dosage form. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101245.	3.0	6
28	Stability, antioxidant activity, <i>in vivo</i> safety and efficacy of creams with standardized wild apple fruit extract: a comparison of conventional and biodegradable emulsifiers. <i>International Journal of Cosmetic Science</i> , 2019, 41, 300-310.	2.6	7
29	A 10% Lactobionic acid-containing moisturizer reduces skin surface pH without irritation”An in vivo/in vitro study. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 1705-1710.	1.6	11
30	Cytotoxic activity of supercritical CO2 extract of old man's beard in L929 fibrosarcoma cell line. <i>Lekovite Sirovine</i> , 2019, , 30-34.	0.2	2
31	Challenges of in vitro characterization of nonbiological complex drugs: Example of parenteral preparations with liposomal drug carriers. <i>Arhiv Za Farmaciju</i> , 2019, 69, 176-198.	0.5	0
32	Established and advanced adjuvants in vaccines' formulation: Mineral adsorbents, nanoparticulate carriers and microneedle delivery systems. <i>Arhiv Za Farmaciju</i> , 2019, 69, 420-451.	0.5	1
33	Cosmetic products and non-invasive aesthetic procedures: Safety of usage and recommendations regarding selection during pregnancy and lactation. <i>Arhiv Za Farmaciju</i> , 2019, 69, 199-212.	0.5	0
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. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 125, 110-119.	4.0	25
35	Biocompatible microemulsions for improved dermal delivery of sertaconazole nitrate: Phase behavior study and microstructure influence on drug biopharmaceutical properties. <i>Journal of Molecular Liquids</i> , 2018, 272, 746-758.	4.9	20
36	Curcumin-loaded low-energy nanoemulsions as a prototype of multifunctional vehicles for different administration routes: Physicochemical and in vitro peculiarities important for dermal application. <i>International Journal of Pharmaceutics</i> , 2018, 550, 333-346.	5.2	30

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37	From physicochemically stable Nanocarriers to targeted delivery. , 2018, , 301-333.		0
38	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
39	Chemical composition and biological activities of the extracts and secondary metabolites of lichens belonging to the genus <i>Usnea</i> , Parmeliaceae. Lekovite Sirovine, 2018, , 68-80.	0.2	3
40	Film-forming materials in contemporary formulations of cosmetic products. Arhiv Za Farmaciju, 2018, 68, 46-64.	0.5	0
41	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
42	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
43	Critical quality attributes, in vitro release and correlated in vitro skin permeation in vivo tape stripping collective data for demonstrating therapeutic (non)equivalence of topical semisolids: A case study of ready-to-use vehicles. International Journal of Pharmaceutics, 2017, 528, 253-267.	5.2	21
44	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
45	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
46	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
47	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
48	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
49	Effects of anti-age cosmetic products: Claims substantiation. Arhiv Za Farmaciju, 2017, 67, 209-219.	0.5	2
50	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
51	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
52	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
53	<i>Usnea barbata</i> CO ₂ -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
54	Evaluation of Anticancer and Antioxidant Activity of a Commercially Available CO ₂ Supercritical Extract of Old Man's Beard (<i>Usnea barbata</i>). PLoS ONE, 2016, 11, e0146342.	2.5	47

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55	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
56	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
57	pH-sensitive polyelectrolyte films derived from submicron chitosan/Eudragit [®] L 100 complexes: Physicochemical characterization and <i>in vitro</i> drug release. Journal of Applied Polymer Science, 2015, 132, .	2.6	10
58	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
59	Natural Emulsifiers of the Alkyl Polyglucoside Type and Their Influence on the Permeation of Drugs. , 2015, , 231-250.		2
60	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
61	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
62	Alkyl polyglucoside-stabilized emulsion as a prospective vehicle for Usnea barbata CO ₂ -supercritical extract: Assessing stability, safety and efficiency of a topical formulation. Hemijska Industrija, 2015, 69, 703-712.	0.7	3
63	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
64	Objective skin performance evaluation: How mild are APGs to the skin?. , 2014, , 135-161.		7
65	Emulsion systems: From stability concerns to sensory properties. , 2014, , 73-105.		2
66	Alkyl Polyglucoside-based delivery systems: In vitro/in vivo skin absorption assessment. , 2014, , 107-134.		1
67	Behind the Alkyl Polyglucoside-based structures: Lamellar liquid crystalline and lamellar gel phases in different emulsion systems. , 2014, , 21-52.		9
68	Towards Alkyl Polyglucoside-stabilized formulations: Influence of some common excipients. , 2014, , 53-72.		3
69	Development of a prospective isopropyl alcohol-loaded pharmaceutical base using simultaneous <i>in vitro/in vivo</i> characterization methods of skin performance. Drug Development and Industrial Pharmacy, 2014, 40, 960-971.	2.0	12
70	Effect of small changes in natural origin-based emulsion systems on hydrocortisone skin absorption and performance: a comparison of two <i>in vivo</i> methods. Pharmaceutical Development and Technology, 2014, 19, 55-64.	2.4	7
71	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
72	A new class of emulsion systems – 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

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73	Formulation of solid lipid nanoparticles (SLN): The value of different alkyl polyglucoside surfactants. <i>International Journal of Pharmaceutics</i> , 2014, 474, 33-41.	5.2	59
74	Physicochemical Characterization and in vivo Skin Performance of a Novel Alkyl Polyglucoside Emulsifier in Natural Cosmetic Cream-Bases. <i>Tenside, Surfactants, Detergents</i> , 2014, 51, 133-145.	1.2	4
75	Effect of Small Change in Oil Phase Composition on Rheological and Textural Properties of w/o Emulsion. <i>Journal of Texture Studies</i> , 2013, 44, 34-44.	2.5	34
76	Moisturizing emulsion systems based on the novel long-chain alkyl polyglucoside emulsifier. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 2045-2057.	3.6	38
77	Experimental Design in Formulation of Diazepam Nanoemulsions: Physicochemical and Pharmacokinetic Performances. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 4159-4172.	3.3	42
78	Chitosan oligosaccharide as prospective cross-linking agent for naproxen-loaded Ca-alginate microparticles with improved pH sensitivity. <i>Drug Development and Industrial Pharmacy</i> , 2013, 39, 77-88.	2.0	24
79	pH-sensitive microparticles for oral drug delivery based on alginate/oligochitosan/Eudragit® L100-55 sandwich-polyelectrolyte complex. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 110, 395-402.	5.0	61
80	Nanoemulsions produced with varied type of emulsifier and oil content: An influence of formulation and process parameters on the characteristics and physical stability. <i>Hemijska Industrija</i> , 2013, 67, 795-809.	0.7	2
81	Examination of the Regulatory Frameworks Applicable to Biologic Drugs (Including Stem Cells and) <i>Stem Cells Translational Medicine</i> , 2012, 1, 898-908.	3.3	26
82	Examination of the Regulatory Frameworks Applicable to Biologic Drugs (Including Stem Cells and) <i>Stem Cells Translational Medicine</i> , 2012, 1, 909-920.	3.3	14
83	Compounding of a topical drug with prospective natural surfactant-stabilized pharmaceutical bases: Physicochemical and in vitro/in vivo characterization – A ketoprofen case study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 164-175.	4.3	31
84	A combined approach in characterization of an effective w/o hand cream: the influence of emollient on textural, sensorial and in vivo skin performance. <i>International Journal of Cosmetic Science</i> , 2012, 34, 140-149.	2.6	73
85	An alkyl polyglucoside-mixed emulsifier as stabilizer of emulsion systems: The influence of colloidal structure on emulsions skin hydration potential. <i>Journal of Colloid and Interface Science</i> , 2011, 358, 182-191.	9.4	62
86	An investigation of formulation factors affecting feasibility of alginate-chitosan microparticles for oral delivery of naproxen. <i>Archives of Pharmacal Research</i> , 2011, 34, 919-929.	6.3	27
87	Lactobionic acid in a natural alkylpolyglucoside-based vehicle: assessing safety and efficacy aspects in comparison to glycolic acid. <i>Journal of Cosmetic Dermatology</i> , 2010, 9, 3-10.	1.6	34
88	Cationic surfactants-modified natural zeolites: improvement of the excipients functionality. <i>Drug Development and Industrial Pharmacy</i> , 2010, 36, 1215-1224.	2.0	29
89	Natural Surfactant-Based Emulsion Vehicles: A Correlation Between Colloidal Structure and In Vitro Release of Diclofenac Diethylamine. <i>Journal of Dispersion Science and Technology</i> , 2010, 31, 1077-1084.	2.4	6
90	From conventional towards new natural surfactants in drug delivery systems design: current status and perspectives. <i>Expert Opinion on Drug Delivery</i> , 2010, 7, 353-369.	5.0	44

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91	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. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 2073-2090.	3.3	35
92	Natural surfactant-based topical vehicles for two model drugs: Influence of different lipophilic excipients on in vitro/in vivo skin performance. <i>International Journal of Pharmaceutics</i> , 2009, 381, 220-230.	5.2	40
93	PWZ-029, a compound with moderate inverse agonist functional selectivity at GABAA receptors containing $\alpha 5$ subunits, improves passive, but not active, avoidance learning in rats. <i>Brain Research</i> , 2008, 1208, 150-159.	2.2	54
94	Natural Surfactant-Based Emulsion Systems: The Influence of Common Pharmaceutical Excipients on Colloidal Structure and Physical Stability. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 1276-1287.	2.4	5
95	The Physicochemical Characterization and In Vitro/In Vivo Evaluation of Natural Surfactants-based Emulsions as Vehicles for Diclofenac Diethylamine. <i>Drug Development and Industrial Pharmacy</i> , 2007, 33, 221-234.	2.0	19
96	Preparation and Characterisation of Phenytoin-Loaded Alginate and Alginate-Chitosan Microparticles. <i>Drug Delivery</i> , 2007, 14, 483-490.	5.7	14
97	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. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 30, 441-450.	4.0	41
98	Restorative justice and the law on juvenile offenders and criminal protection of juveniles of the Republic of Serbia from the perspective of judicial practice. <i>Temida</i> , 2007, 10, 47-48.	0.2	0
99	Vehicles based on a sugar surfactant: Colloidal structure and its impact on in vitro/in vivo hydrocortisone permeation. <i>International Journal of Pharmaceutics</i> , 2006, 320, 86-95.	5.2	36
100	Experimental evaluation of efficacy of the strategies for the persuasion resistance. <i>Psihologija</i> , 2006, 39, 147-165.	0.6	1
101	Colloidal microstructure of binary systems and model creams stabilized with an alkylpolyglucoside non-ionic emulsifier. <i>Colloid and Polymer Science</i> , 2005, 283, 439-451.	2.1	50
102	Vehicle-controlled effect of urea on normal and SLS-irritated skin. <i>International Journal of Pharmaceutics</i> , 2004, 271, 269-280.	5.2	40