

Julijana Kristl

List of Publications by Year in descending order

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87
papers

5,103
citations

61984

43
h-index

88630

70
g-index

88
all docs

88
docs citations

88
times ranked

7396
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting cancer cells using PLGA nanoparticles surface modified with monoclonal antibody. <i>Journal of Controlled Release</i> , 2007, 120, 18-26.	9.9	376
2	The evidence for solid lipid nanoparticles mediated cell uptake of resveratrol. <i>International Journal of Pharmaceutics</i> , 2010, 390, 61-69.	5.2	245
3	Stability and solubility of trans-resveratrol are strongly influenced by pH and temperature. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 93, 196-204.	4.3	230
4	The impact of relative humidity during electrospinning on the morphology and mechanical properties of nanofibers. <i>International Journal of Pharmaceutics</i> , 2013, 456, 125-134.	5.2	225
5	Optimisation of floating matrix tablets and evaluation of their gastric residence time. <i>International Journal of Pharmaceutics</i> , 2000, 195, 125-135.	5.2	205
6	Toxicological Aspects of Long-Term Treatment of Keratinocytes with ZnO and TiO ₂ Nanoparticles. <i>Small</i> , 2010, 6, 1908-1917.	10.0	186
7	Thermoresponsive polymers: Insights into decisive hydrogel characteristics, mechanisms of gelation, and promising biomedical applications. <i>International Journal of Pharmaceutics</i> , 2014, 472, 262-275.	5.2	182
8	Critical attributes of nanofibers: Preparation, drug loading, and tissue regeneration. <i>International Journal of Pharmaceutics</i> , 2015, 484, 57-74.	5.2	182
9	Advantages of celecoxib nanosuspension formulation and transformation into tablets. <i>International Journal of Pharmaceutics</i> , 2009, 376, 204-212.	5.2	152
10	Electrospun polycaprolactone nanofibers as a potential oromucosal delivery system for poorly water-soluble drugs. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 75, 101-113.	4.0	139
11	The manufacturing techniques of drug-loaded polymeric nanoparticles from preformed polymers. <i>Journal of Microencapsulation</i> , 2011, 28, 323-335.	2.8	95
12	Quantitative evaluation of polymer concentration profile during swelling of hydrophilic matrix tablets using H NMR and MRI methods. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005, 59, 299-306.	4.3	94
13	Improvements of cellular stress response on resveratrol in liposomes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 73, 253-259.	4.3	92
14	Development of electrospun nanofibers that enable high loading and long-term viability of probiotics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 136, 108-119.	4.3	92
15	Network structure of cellulose ethers used in pharmaceutical applications during swelling and at equilibrium. <i>Pharmaceutical Research</i> , 2002, 19, 1084-1090.	3.5	83
16	Effect of colloidal carriers on ascorbyl palmitate stability. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 19, 181-189.	4.0	83
17	Controlled Release of Ciprofloxacin from Core-Shell Nanofibers with Monolithic or Blended Core. <i>Molecular Pharmaceutics</i> , 2016, 13, 1393-1404.	4.6	82
18	Long-Term Sustained Ciprofloxacin Release from PMMA and Hydrophilic Polymer Blended Nanofibers. <i>Molecular Pharmaceutics</i> , 2016, 13, 295-305.	4.6	80

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19	The topography of electrospun nanofibers and its impact on the growth and mobility of keratinocytes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 84, 401-411.	4.3	75
20	Development and bioevaluation of nanofibers with blood-derived growth factors for dermal wound healing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 64-74.	4.3	69
21	Cystatin incorporated in poly(lactide-co-glycolide) nanoparticles: development and fundamental studies on preservation of its activity. <i>European Journal of Pharmaceutical Sciences</i> , 2004, 22, 357-364.	4.0	66
22	A new approach combining different MRI methods to provide detailed view on swelling dynamics of xanthan tablets influencing drug release at different pH and ionic strength. <i>Journal of Controlled Release</i> , 2010, 145, 247-256.	9.9	63
23	Influence of liposome bilayer fluidity on the transport of encapsulated substance into the skin as evaluated by EPR. <i>Pharmaceutical Research</i> , 1998, 15, 525-530.	3.5	62
24	Poly(lactide-co-glycolide) nanoparticles as a carrier system for delivering cysteine protease inhibitor cystatin into tumor cells. <i>Experimental Cell Research</i> , 2004, 301, 223-231.	2.6	62
25	The design trend in tissue-engineering scaffolds based on nanomechanical properties of individual electrospun nanofibers. <i>International Journal of Pharmaceutics</i> , 2013, 455, 338-347.	5.2	62
26	Impact of PCL nanofiber mat structural properties on hydrophilic drug release and antibacterial activity on periodontal pathogens. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 122, 347-358.	4.0	62
27	Interfacial rheology: An overview of measuring techniques and its role in dispersions and electrospinning. <i>Acta Pharmaceutica</i> , 2012, 62, 123-140.	2.0	60
28	Investigation of liposomes as carriers of sodium ascorbyl phosphate for cutaneous photoprotection. <i>International Journal of Pharmaceutics</i> , 2005, 291, 21-29.	5.2	59
29	Contribution of Nanotechnology to Improved Treatment of Periodontal Disease. <i>Current Pharmaceutical Design</i> , 2015, 21, 3257-3271.	1.9	59
30	Nanofibers and their biomedical use. <i>Acta Pharmaceutica</i> , 2013, 63, 295-304.	2.0	56
31	Physical characteristics of poly (vinyl alcohol) solutions in relation to electrospun nanofiber formation. <i>European Polymer Journal</i> , 2013, 49, 290-298.	5.4	55
32	Nanofiber diameter as a critical parameter affecting skin cell response. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 66, 29-35.	4.0	53
33	Nanofibers with Incorporated Autochthonous Bacteria as Potential Probiotics for Local Treatment of Periodontal Disease. <i>Biomacromolecules</i> , 2018, 19, 4299-4306.	5.4	53
34	Investigation of the state and dynamics of water in hydrogels of cellulose ethers by ¹ H NMR spectroscopy. <i>AAPS PharmSciTech</i> , 2002, 3, E36.	3.3	52
35	Lipophilic semisolid emulsion systems: viscoelastic behaviour and prediction of physical stability by neural network modelling. <i>International Journal of Pharmaceutics</i> , 1998, 168, 243-254.	5.2	51
36	Improved skin oxygenation after benzyl nicotinate application in different carriers as measured by EPR oximetry in vivo. <i>Journal of Controlled Release</i> , 2001, 70, 203-211.	9.9	51

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37	Skin protection against ultraviolet induced free radicals with ascorbyl palmitate in microemulsions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003, 56, 59-66.	4.3	51
38	Local delivery of resveratrol using polycaprolactone nanofibers for treatment of periodontal disease. <i>Journal of Drug Delivery Science and Technology</i> , 2015, 30, 408-416.	3.0	51
39	Effects of Electrospinning on the Viability of Ten Species of Lactic Acid Bacteria in Poly(Ethylene) Terephthalate Nanofibers. <i>Journal of Biomedical Materials Research Part B: Applied Biomaterials</i> , 2014, 86, 1073-1081.	4.5	51
40	Nanoscale polymer carriers to deliver chemotherapeutic agents to tumours. <i>Expert Opinion on Biological Therapy</i> , 2005, 5, 1557-1569.	3.1	50
41	Flavonoids and cinnamic acid derivatives as inhibitors of 17 β -hydroxysteroid dehydrogenase type 1. <i>Molecular and Cellular Endocrinology</i> , 2009, 301, 229-234.	3.2	48
42	Effect of Solution Composition Variables on Electrospun Alginate Nanofibers: Response Surface Analysis. <i>Polymers</i> , 2019, 11, 692.	4.5	47
43	Effect of calcium ions on the gelling and drug release characteristics of xanthan matrix tablets. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 698-707.	4.3	45
44	Formulation and evaluation of chitosan/polyethylene oxide nanofibers loaded with metronidazole for local infections. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 95, 152-160.	4.0	42
45	Influence of different classes of crosslinkers on alginate polyelectrolyte nanoparticle formation, thermodynamics and characteristics. <i>Carbohydrate Polymers</i> , 2018, 181, 93-102.	10.2	42
46	Targeting intracellular compartments by magnetic polymeric nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 130-138.	4.0	40
47	Sustained release of antimicrobials from double-layer nanofiber mats for local treatment of periodontal disease, evaluated using a new micro flow-through apparatus. <i>Journal of Controlled Release</i> , 2019, 316, 223-235.	9.9	40
48	Interactions of solid lipid nanoparticles with model membranes and leukocytes studied by EPR. <i>International Journal of Pharmaceutics</i> , 2003, 256, 133-140.	5.2	35
49	Nanosized particles of orlistat with enhanced in vitro dissolution rate and lipase inhibition. <i>International Journal of Pharmaceutics</i> , 2010, 396, 149-155.	5.2	35
50	Hyperbranched poly(esteramides) as solubility enhancers for poorly water-soluble drug glimepiride. <i>International Journal of Pharmaceutics</i> , 2010, 396, 119-126.	5.2	35
51	Viscosity prediction of lipophilic semisolid emulsion systems by neural network modelling. <i>International Journal of Pharmaceutics</i> , 2000, 196, 37-50.	5.2	33
52	Influence of nanosized delivery systems with benzyl nicotinate and penetration enhancers on skin oxygenation. <i>International Journal of Pharmaceutics</i> , 2008, 359, 220-227.	5.2	33
53	Development of probiotic-loaded microcapsules for local delivery: Physical properties, cell release and growth. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 121, 178-187.	4.0	29
54	Nanotechnology-Based Drug Delivery to Improve the Therapeutic Benefits of NRF2 Modulators in Cancer Therapy. <i>Antioxidants</i> , 2021, 10, 685.	5.1	28

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55	Surface active stabilizer Tyloxapol in colloidal dispersions exerts cytostatic effects and apoptotic dismissal of cells. <i>Toxicology and Applied Pharmacology</i> , 2008, 232, 218-225.	2.8	26
56	Inactivation of harmful tumour-associated proteolysis by nanoparticulate system. <i>International Journal of Pharmaceutics</i> , 2009, 381, 106-112.	5.2	25
57	Dynamics of water and xanthan chains in hydrogels studied by NMR relaxometry and their influence on drug release. <i>International Journal of Pharmaceutics</i> , 2019, 563, 373-383.	5.2	25
58	High celecoxib-loaded nanoparticles prepared by a vibrating nozzle device. <i>Journal of Microencapsulation</i> , 2009, 26, 748-759.	2.8	23
59	Immunonanoparticles as an effective tool to impair harmful proteolysis in invasive breast tumor cells. <i>FEBS Journal</i> , 2007, 274, 4416-4427.	4.7	22
60	Combinations of nanovesicles and physical methods for enhanced transdermal delivery of a model hydrophilic drug. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 127, 387-397.	4.3	21
61	The Influence of High Drug Loading in Xanthan Tablets and Media with Different Physiological pH and Ionic Strength on Swelling and Release. <i>Molecular Pharmaceutics</i> , 2016, 13, 1147-1157.	4.6	20
62	Drug Delivery Strategies for Curcumin and Other Natural Nrf2 Modulators of Oxidative Stress-Related Diseases. <i>Pharmaceutics</i> , 2021, 13, 2137.	4.5	19
63	A novel fluorescent probe for more effective monitoring of nanosized drug delivery systems within the cells. <i>International Journal of Pharmaceutics</i> , 2011, 416, 384-393.	5.2	18
64	Influence of polymers on the bioavailability of microencapsulated celecoxib. <i>Journal of Microencapsulation</i> , 2007, 24, 621-633.	2.8	17
65	Using quantitative magnetic resonance methods to understand better the gel-layer formation on polymer-matrix tablets. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 677-692.	5.0	17
66	Application of miscibility analysis and determination of Soluplus solubility map for development of carvedilol-loaded nanofibers. <i>International Journal of Pharmaceutics</i> , 2017, 533, 445-454.	5.2	17
67	Image-Based Investigation: Biorelevant Solubility of $1\pm$ and 1^3 Indomethacin. <i>Analytical Chemistry</i> , 2019, 91, 3997-4003.	6.5	17
68	Intracellular trafficking of solid lipid nanoparticles and their distribution between cells through tunneling nanotubes. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 139-148.	4.0	16
69	Treatment challenges and delivery systems in immunomodulation and probiotic therapies for periodontitis. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1229-1244.	5.0	16
70	Effect of surface hydrophobicity of therapeutic protein loaded in polyelectrolyte nanoparticles on transepithelial permeability. <i>Acta Pharmaceutica</i> , 2018, 68, 275-293.	2.0	16
71	Skin oxygenation after topical application of liposome-entrapped benzyl nicotinate as measured by EPR oximetry in vivo: Influence of composition and size. <i>AAPS PharmSci</i> , 2003, 5, 19-27.	1.3	15
72	Polyelectrolyte-surfactant complex nanoparticles as a delivery platform for poorly soluble drugs: A case study of ibuprofen loaded cetylpyridinium-alginate system. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119199.	5.2	15

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73	A novel gene delivery system for stable transfection of thiopurine-S-methyltransferase gene in versatile cell types. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 23-30.	4.3	13
74	Development of Cetylpyridinium-Alginate Nanoparticles: A Binding and Formulation Study. <i>International Journal of Pharmaceutics</i> , 2016, 511, 774-784.	5.2	13
75	The control of biofilm formation by hydrodynamics of purified water in industrial distribution system. <i>International Journal of Pharmaceutics</i> , 2011, 405, 16-22.	5.2	12
76	Development of medicated foams that combine incompatible hydrophilic and lipophilic drugs for psoriasis treatment. <i>International Journal of Pharmaceutics</i> , 2017, 524, 65-76.	5.2	11
77	Intracellular Delivery of Cysteine Protease Inhibitor Cystatin by Polymeric Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 3087-3094.	0.9	10
78	Molecular motion of drugs in hydrocolloids measured by electron paramagnetic resonance. <i>Pharmaceutical Research</i> , 1991, 08, 505-507.	3.5	8
79	Preparation and characterization of innovative electrospun nanofibers loaded with pharmaceutically applicable ionic liquids. <i>International Journal of Pharmaceutics</i> , 2022, 615, 121510.	5.2	8
80	Engineering of Vaginal Lactobacilli to Express Fluorescent Proteins Enables the Analysis of Their Mixture in Nanofibers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13631.	4.1	7
81	Effect of Free and in Poly(ϵ -caprolactone) Nanoparticles Incorporated New Type 17 β -Hydroxysteroid Dehydrogenase Inhibitors on Cancer Cells. <i>Current Nanoscience</i> , 2010, 6, 69-76.	1.2	5
82	Current view on nanosized solid lipid carriers for drug delivery to the skin. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 529-42.	1.1	4
83	Influence of Excipient Composition on Survival of Vaginal Lactobacilli in Electrospun Nanofibers. <i>Pharmaceutics</i> , 2022, 14, 1155.	4.5	4
84	Magnetic Resonance Methods as a Prognostic Tool for the Biorelevant Behavior of Xanthan Tablets. <i>Molecules</i> , 2020, 25, 5871.	3.8	1
85	The reflection of the texture of swollen polymer matrix on the release of incorporated substance. <i>E-Polymers</i> , 2009, 9, .	3.0	0
86	Challenges in nanofiber testing in vitro. , 2021, , .		0
87	Nanofibers with probiotics combination for treatment of periodontal disease. , 2022, , .		0