Bojan ÄŒalija

List of Publications by Year
in descending order

41	659	471061	580395
papers	citations	17 h-index	25 g-index

43	43	43	1058
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	2.5	61
2	Study of chitosan/xanthan gum polyelectrolyte complexes formation, solid state and influence on ibuprofen release kinetics. International Journal of Biological Macromolecules, 2020, 148, 942-955.	3.6	45
3	Effects of different carrier materials on physicochemical properties of microencapsulated grape skin extract. Journal of Food Science and Technology, 2017, 54, 3411-3420.	1.4	43
4	Modified local diatomite as potential functional drug carrierâ€”A model study for diclofenac sodium. International Journal of Pharmaceutics, 2015, 496, 466-474.	2.6	36
5	Microencapsulation of anthocyanin-rich black soybean coat extract by spray drying using maltodextrin, gum Arabic and skimmed milk powder. Journal of Microencapsulation, 2017, 34, 475-487.	1.2	36
6	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.	2.6	28
7	An investigation of formulation factors affecting feasibility of alginate-chitosan microparticles for oral delivery of naproxen. Archives of Pharmacal Research, 2011, 34, 919-929.	2.7	27
8	Development of polysaccharide-based mucoadhesive ophthalmic lubricating vehicles: The effect of different polymers on physicochemical properties and functionality. Journal of Drug Delivery Science and Technology, 2019, 49, 50-57.	1.4	27
9	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.	0.9	24
10	Inorganically modified diatomite as a potential prolonged-release drug carrier. Materials Science and Engineering C, 2014, 42, 412-420.	3.8	23
11	Development of semisolid self-microemulsifying drug delivery systems (SMEDDSs) filled in hard capsules for oral delivery of aciclovir. International Journal of Pharmaceutics, 2017, 528, 372-380.	2.6	23
12	Comparison of the Effect of Bioadhesive Polymers on Stability and Drug Release Kinetics of Biocompatible Hydrogels for Topical Application of Ibuprofen. Journal of Pharmaceutical Sciences, 2019, 108, 1326-1333.	1.6	23
13	Gelation behavior, drug solubilization capacity and release kinetics of poloxamer 407 aqueous solutions: The combined effect of copolymer, cosolvent and hydrophobic drug. Journal of Molecular Liquids, 2020, 303, 112639.	2.3	22
14	Effect of ibuprofen entrapment procedure on physicochemical and controlled drug release performances of chitosan/xanthan gum polyelectrolyte complexes. International Journal of Biological Macromolecules, 2021, 167, 547-558.	3.6	21
15	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.	2.3	20
16	Formulation and physicochemical characterization of hydrogels with 18Î²-glycyrrhetinic acid/phospholipid complex phytosomes. Journal of Drug Delivery Science and Technology, 2016, 35, 81-90.	1.4	19
17	The Applications of New Inorganic Polymer for Adsorption Cadmium from Waste Water. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 554-563.	1.9	18
18	Sustained release of Î±-lipoic acid from chitosan microbeads synthetized by inverse emulsion method. Journal of the Taiwan Institute of Chemical Engineers, 2016, 60, 106-112.	2.7	17

#	ARTICLE	IF	CITATIONS
19	Application of miscibility analysis and determination of Soluplus solubility map for development of carvedilol-loaded nanofibers. International Journal of Pharmaceutics, 2017, 533, 445-454.	2.6	17
20	Influence of selective acid-etching on functionality of halloysite-chitosan nanocontainers for sustained drug release. Materials Science and Engineering C, 2021, 123, 112029.	3.8	17
21	Topical hydrogels with escin Î²â€sitosterol phytosome and escin: Formulation development and in vivo assessment of antihyperalgesic activity. Drug Development Research, 2019, 80, 921-932.	1.4	13
22	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.	0.9	11
23	Potentiation of the ibuprofen antihyperalgesic effect using inorganically functionalized diatomite. Journal of Materials Chemistry B, 2018, 6, 5812-5822.	2.9	11
24	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, .	1.3	10
25	Formulation of olopatadine hydrochloride viscous eye drops â€“ physicochemical, biopharmaceutical and efficacy assessment using in vitro and in vivo approaches. European Journal of Pharmaceutical Sciences, 2021, 166, 105906.	1.9	8
26	Functionality of chitosanâ€halloysite nanocomposite films for sustained delivery of antibiotics: The effect of chitosan molar mass. Journal of Applied Polymer Science, 2020, 137, 48406.	1.3	7
27	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.	1.9	7
28	Biocompatible non-covalent complexes of chitosan and different polymers: Characteristics and application in drug delivery. Arhiv Za Farmaciju, 2020, 70, 173-197.	0.2	7
29	Nitrate-assisted photocatalytic efficiency of defective Eu-doped Pr(OH)₃ nanostructures. Physical Chemistry Chemical Physics, 2017, 19, 31756-31765.	1.3	6
30	Investigation of omeprazole stability in oral suspensions for pediatric use prepared extemporaneously from omeprazole capsules. Arhiv Za Farmaciju, 2017, 67, 14-25.	0.2	6
31	Ionically cross-linked chitosanâ€“halloysite composite microparticles for sustained drug release. Clay Minerals, 2017, 52, 413-426.	0.2	5
32	Polymeric Microparticles and Inorganic Micro/Nanoparticulate Drug Carriers: An Overview and Pharmaceutical Application. , 2017, , 31-67.		4
33	Diversity and Functionality of Excipients for Micro/Nanosized Drug Carriers. , 2017, , 95-132.		4
34	Influence of Polycation Functional Properties on Polyanion Micro/Nanoparticles for NSAIDs Reinforced Via Polyelectrolyte Complexation: Alginateâ€“Chitosan Case Study. , 2017, , 133-160.		4
35	Aluminosilicate-based composites functionalized with cationic materials: possibilities for drug-delivery applications. , 2019, , 285-327.		4
36	Comparative analysis of mechanical and dissolution properties of single- and multicomponent folic acid supplements. Journal of Food Composition and Analysis, 2017, 60, 17-24.	1.9	2

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37	Cell proliferation assay â€“ method optimisation for in vivo labeling of DNA in the rat forestomach. Acta Veterinaria, 2017, 67, 1-10.	0.2	1
38	In Vitro Release Behavior of Naproxen in Alginateâ€“Chitosan Microparticles as Oral Drug Delivery Systems. Scientia Pharmaceutica, 2010, 78, 601-601.	0.7	0
39	Monocomponent folic acid dietary supplements marketed in Serbia: Pharmaceutical technical investigation and characteristics. Hrana I Ishrana, 2015, 56, 31-36.	0.2	0
40	Targeted delivery of anti-inflammatory drugs in lower parts of gastrointestinal tract: Conventional and novel approaches. Arhiv Za Farmaciju, 2017, 67, 124-142.	0.2	0
41	Water for pharmaceutical use: Importance, types and quality requirements. Arhiv Za Farmaciju, 2019, 69, 90-115.	0.2	0