

GÃ©za Regdon

List of Publications by Year in descending order

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96
papers

905
citations

567281

15
h-index

580821

25
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98
all docs

98
docs citations

98
times ranked

892
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of the controlled temperature in the production of high-shear granulated protein-containing granules. Powder Technology, 2022, 395, 758-765.	4.2	1
2	Predicting Drug Release Rate of Implantable Matrices and Better Understanding of the Underlying Mechanisms through Experimental Design and Artificial Neural Network-Based Modelling. Pharmaceutics, 2022, 14, 228.	4.5	1
3	Stability and permeability properties of sodium alginate buccal films. , 2022, , .		0
4	Development of solid self-nanoemulsifying drug delivery systems (s-SNEDDS) for oral delivery of lysozyme. , 2022, , .		0
5	Effect of Process Conditions and Parameters on Low-Dose Drug Uniformity Formulated as Pellets. , 2022, , .		0
6	Preparation of functionalized titanate nanotubes to improve toxicological profile and bioavailability. , 2022, , .		0
7	Development and characterization of lysozyme loaded gum arabic as innovative oral films. , 2022, , .		0
8	Investigation of Surface Properties and Free Volumes of Chitosan-Based Buccal Mucoadhesive Drug Delivery Films Containing Ascorbic Acid. Pharmaceutics, 2022, 14, 345.	4.5	7
9	Investigation of the Drug Carrier Properties of Insoluble Cyclodextrin Polymer Microspheres. Biomolecules, 2022, 12, 931.	4.0	5
10	Preparation and investigation of permeability and physicalchemical properties of buccal films with sodium alginate. , 2021, , .		0
11	Development and optimization of the coating processes of lysozyme loaded pellets for oral delivery. , 2021, , .		0
12	Optimization of the functionalization method of titanate nanotubes in order to use them as drug delivery systems. , 2021, , .		0
13	Investigation of drug-matrix interaction in directly compressed matrices. , 2021, , .		0
14	Formulation and Optimization of Sodium Alginate Polymer Film as a Buccal Mucoadhesive Drug Delivery System Containing Cetirizine Dihydrochloride. Pharmaceutics, 2021, 13, 619.	4.5	32
15	PLGA based film forming systems for superficial fungal infections treatment. European Journal of Pharmaceutical Sciences, 2021, 163, 105855.	4.0	8
16	Anti-counterfeiting protection, personalized medicinesÂ~ÂDevelopment of 2D identification methods using laser technology. International Journal of Pharmaceutics, 2021, 605, 120793.	5.2	9
17	Manufacturing and Examination of Vaginal Drug Delivery System by FDM 3D Printing. Pharmaceutics, 2021, 13, 1714.	4.5	19
18	Effects of Sucrose Palmitate on the Physico-Chemical and Mucoadhesive Properties of Buccal Films. Molecules, 2020, 25, 5248.	3.8	8

#	ARTICLE	IF	CITATIONS
19	In Vitro Tests of FDM 3D-Printed Diclofenac Sodium-Containing Implants. <i>Molecules</i> , 2020, 25, 5889.	3.8	10
20	Design and characterization of chitosan/citrate films as carrier for oral macromolecule delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 146, 105270.	4.0	23
21	Selected papers of the "12th central European symposium on pharmaceutical technology and regulatory affairs". <i>European Journal of Pharmaceutical Sciences</i> , 2020, 145, 105238.	4.0	0
22	Nátrium-alginát, mint bukkális mukoadhézió gyógyyszerhordozási rendszer. , 2020, , .		0
23	The use of functionalized titanate nanotubes as drug delivery systems. , 2020, , .		0
24	Development and characterization of sodium alginate polymer film as a buccal mucoadhesive drug delivery system. , 2020, , .		0
25	3D nyomtatással ellátott implantátumok anyagszerkezeti és biokompatibilitási vizsgálatai. , 2020, , .		0
26	Effect of Processing Conditions and Material Attributes on the Design Space of Lysozyme Pellets Prepared by Extrusion/Spheronization. , 2020, , .		0
27	Development of QR coded tablets for anti-counterfeiting of drugs by laser technology. , 2020, , .		0
28	The prominence of titanate nanotubes™ functionalization on their physicochemical properties and biological applications as drug delivery system. , 2020, , .		0
29	Optimization of the Production Process and Product Quality of Titanate Nanotube-Drug Composites. <i>Nanomaterials</i> , 2019, 9, 1406.	4.1	3
30	Comparison of conventionally and naturally coloured coatings marked by laser technology for unique 2D coding of pharmaceuticals. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118665.	5.2	4
31	Standpoint on the priority of TNTs and CNTs as targeted drug delivery systems. <i>Drug Discovery Today</i> , 2019, 24, 1704-1709.	6.4	12
32	A novel insight into fluid bed melt granulation: Temperature mapping for the determination of granule formation with the in-situ and spray-on techniques. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 351-362.	4.0	6
33	Evaluating superdisintegrants for their performance in orally disintegrating tablets containing lysozyme enzyme. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 396-404.	3.0	7
34	Optimization of the production process and product quality of titanate nanotube-drug composites. , 2019, , .		0
35	Design and characterization of Chitosan/citrate films as suitable multifunctional coating for oral-macromolecule delivery. , 2019, , .		0
36	Development of anti-counterfeiting protection by laser technology. , 2019, , .		0

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37	Use of machine learning tool to elucidate and characterize the growth mechanism of an in-situ fluid bed melt granulation. Powder Technology, 2018, 331, 286-295.	4.2	10
38	Investigation of the Compressibility and Compactibility of Titanate Nanotube-API Composites. Materials, 2018, 11, 2582.	2.9	3
39	Unique laser coding technology to fight falsified medicines. European Journal of Pharmaceutical Sciences, 2018, 123, 1-9.	4.0	6
40	Quantitative and qualitative use of thermal analysis for the investigation of the properties of granules during fluid bed melt granulation. Journal of Thermal Analysis and Calorimetry, 2018, 133, 619-632.	3.6	4
41	Development and Characterisation of Modified Release Hard Gelatin Capsules, Based on In Situ Lipid Matrix Formation. AAPS PharmSciTech, 2018, 19, 3165-3176.	3.3	7
42	Physicochemical characterisation and investigation of the bonding mechanisms of API-titanate nanotube composites as new drug carrier systems. International Journal of Pharmaceutics, 2017, 518, 119-129.	5.2	10
43	Comparative study on the rheological properties and tablettability of various APIs and their composites with titanate nanotubes. Powder Technology, 2017, 321, 419-427.	4.2	2
44	Comparison of the properties of implantable matrices prepared from degradable and non-degradable polymers for bisphosphonate delivery. International Journal of Pharmaceutics, 2017, 533, 364-372.	5.2	8
45	Preparation and physicochemical characterization of matrix pellets containing APIs with different solubility via extrusion process. Drug Development and Industrial Pharmacy, 2017, 43, 458-464.	2.0	3
46	Estimation of design space for an extrusion-spheronization process using response surface methodology and artificial neural network modelling. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 106, 79-87.	4.3	19
47	Process analytical technology (PAT) approach to the formulation of thermosensitive protein-loaded pellets: Multi-point monitoring of temperature in a high-shear pelletization. European Journal of Pharmaceutical Sciences, 2016, 95, 62-71.	4.0	9
48	New Associate Editor. Journal of Thermal Analysis and Calorimetry, 2016, 123, 15-17.	3.6	0
49	Implementation of an artificial neural network as a PAT tool for the prediction of temperature distribution within a pharmaceutical fluidized bed granulator. European Journal of Pharmaceutical Sciences, 2016, 88, 219-232.	4.0	19
50	Comparison of metoprolol tartrate multiple-unit lipid matrix systems produced by different technologies. European Journal of Pharmaceutical Sciences, 2016, 88, 233-245.	4.0	10
51	Multivariate calibration of the degree of crystallinity in intact pellets by X-ray powder diffraction. International Journal of Pharmaceutics, 2016, 502, 107-116.	5.2	6
52	Development of pellets for oral lysozyme delivery by using a quality by design approach. Chemical Engineering Research and Design, 2016, 106, 92-100.	5.6	9
53	Effect of the surface free energy of materials on the lamination tendency of bilayer tablets. International Journal of Pharmaceutics, 2015, 496, 609-613.	5.2	10
54	New equipment for measurement of the force of adhesion of mucoadhesive films. Journal of Adhesion Science and Technology, 2015, 29, 1360-1367.	2.6	6

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55	Tracking of the behaviour of lidocaine base containing hydroxypropylcellulose free films with thermoanalytical method. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 201-208.	3.6	4
56	Development of a Raman method to follow the evolution of coating thickness of pellets. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 1005-1010.	2.0	9
57	Characterization of ethylcellulose free films by positron annihilation spectroscopy and mechanical testing. <i>Microchemical Journal</i> , 2014, 115, 47-50.	4.5	4
58	Preparing of pellets by extrusion/spheronization using different types of equipment and process conditions. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 762-764.	2.0	5
59	Study of the effect of plasticizer on the structure and surface characteristics of ethylcellulose free films with FT-IR spectroscopy. <i>Microchemical Journal</i> , 2013, 110, 36-39.	4.5	13
60	Effects of excipients on the tensile strength, surface properties and free volume of Klucel® free films of pharmaceutical importance. <i>Radiation Physics and Chemistry</i> , 2013, 89, 57-63.	2.8	14
61	Study of the recrystallization in coated pellets – Effect of coating on API crystallinity. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 563-571.	4.0	19
62	Study on the scope of <i>tert</i> -amino effect: new extensions of type 2 reactions to bridged biaryls. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 1033-1041.	1.9	9
63	Physicochemical testing of free films containing non-soluble components. <i>Polymers for Advanced Technologies</i> , 2012, 23, 1020-1024.	3.2	0
64	Optimization of preparation of matrix pellets containing Eudragit® NE 30D. <i>Chemical Engineering Research and Design</i> , 2012, 90, 651-657.	5.6	12
65	Thermal study of ethyl cellulose coating films used for modified release (MR) dosage forms. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 108, 347-352.	3.6	12
66	From Mini to Micro Scale – Feasibility of Raman Spectroscopy as a Process Analytical Tool (PAT). <i>Pharmaceutics</i> , 2011, 3, 723-730.	4.5	10
67	Testing of the structure of macromolecular polymer films containing solid active pharmaceutical ingredient (API) particles. <i>Radiation Physics and Chemistry</i> , 2011, 80, 799-802.	2.8	7
68	Study of the preparation of a multiparticulate drug delivery system with a layering technique. <i>Powder Technology</i> , 2011, 205, 155-159.	4.2	14
69	Study of the Recrystallization in Coated Pellets. <i>Scientia Pharmaceutica</i> , 2010, 78, 642-642.	2.0	0
70	Melt Granulation as a Modern Technological Procedure. <i>Scientia Pharmaceutica</i> , 2010, 78, 552-552.	2.0	0
71	Physicochemical Investigations of Metolose Coating Films. <i>Composite Interfaces</i> , 2010, 17, 581-594.	2.3	3
72	DSC investigation of early pregnant uterus of the rat. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 95, 695-698.	3.6	3

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73	Raman spectroscopic investigation of film thickness. <i>Polymer Testing</i> , 2009, 28, 770-772.	4.8	20
74	Study of thermal behaviour of sugar esters. <i>International Journal of Pharmaceutics</i> , 2007, 336, 199-207.	5.2	55
75	The effect of plasticizer on the ageing of Metolose films. <i>Radiation Physics and Chemistry</i> , 2007, 76, 165-168.	2.8	4
76	Thermoanalytical behaviour of some coating free films. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 89, 793-797.	3.6	7
77	Development of a DSC method for determination of certain technological parameters of margarine and mixed-fat spread. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 88, 351-354.	3.6	6
78	Metoloseâ€“PEG interaction as seen by positron annihilation spectroscopy. <i>International Journal of Pharmaceutics</i> , 2006, 313, 66-71.	5.2	18
79	Effect of stirring on film formation from a Eudragit RS aqueous dispersion. <i>Polymers for Advanced Technologies</i> , 2006, 17, 814-817.	3.2	2
80	Thermoanalytical study of microspheres containing diltiazem hydrochloride. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 86, 287-290.	3.6	16
81	The role of the surface free energy in the selection of a suitable excipient in the course of a wet-granulation method. <i>Powder Technology</i> , 2005, 155, 139-144.	4.2	25
82	The effect of the solvent on the film-forming parameters of hydroxypropyl-cellulose. <i>International Journal of Pharmaceutics</i> , 2005, 301, 192-198.	5.2	22
83	Study on the Relationship between Particle Size and Near Infrared Diffuse Reflectance Spectroscopic Data. <i>Particle and Particle Systems Characterization</i> , 2005, 22, 219-222.	2.3	15
84	Film coating as a method to enhance the preparation of tablets from dimenhydrinate crystals. <i>International Journal of Pharmaceutics</i> , 2004, 269, 393-401.	5.2	15
85	Surface Treatment of Indomethacin Agglomerates with Eudragit. <i>Drug Development and Industrial Pharmacy</i> , 2004, 30, 381-388.	2.0	11
86	The effect of storage on the behaviour of Eudragit NE free film. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003, 73, 607-613.	3.6	14
87	Study of thermal behaviour of sugar alcohols. <i>Journal of Thermal Analysis and Calorimetry</i> , 2003, 73, 615-621.	3.6	65
88	Thermochemical study on the ring closure reaction of 5-morpholino-4-vinylpyridazinones by tert-amino effect. <i>Computational and Theoretical Chemistry</i> , 2003, 666-667, 667-680.	1.5	12
89	Solutol and Cremophor Products as New Additives in Suppository Formulation. <i>Drug Development and Industrial Pharmacy</i> , 2002, 28, 203-206.	2.0	2
90	In vitro and in vivo study in rats of rectal suppositories containing furosemide. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002, 53, 311-315.	4.3	16

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91	Quantitative Determination of Crystallinity of Î±-Lactose Monohydrate by DSC. Magyar AprÃ³vadvad KÃ¶zlemÃ©nyek, 2002, 68, 503-510.	1.4	119
92	Investigation of Ethacrynic Acid and Random-methyl-Î²-cyclodextrin Binary Complexes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2002, 42, 219-226.	1.6	3
93	Title is missing!. Magyar AprÃ³vadvad KÃ¶zlemÃ©nyek, 2002, 68, 613-627.	1.4	13
94	Surface Treatment of Dimenhydrinate Crystals. Magyar AprÃ³vadvad KÃ¶zlemÃ©nyek, 2000, 62, 797-807.	1.4	3
95	Formulation and in vitro study of antibacterial vaginal suppositories. Pharmaceutica Acta Helvetiae, 1994, 69, 141-148.	1.2	4
96	Formulation of diazepam containing rectal suppositories and experiences of their biopharmaceutical study. Die Pharmazie, 1994, 49, 346-9.	0.5	3