

GÃ©za Regdon

List of Publications by Year in descending order

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96
papers

905
citations

567281

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98
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98
docs citations

98
times ranked

892
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Determination of Crystallinity of α -Lactose Monohydrate by DSC. Magyar Árvad Kémlelmésnyek, 2002, 68, 503-510.	1.4	119
2	Study of thermal behaviour of sugar alcohols. Journal of Thermal Analysis and Calorimetry, 2003, 73, 615-621.	3.6	65
3	Study of thermal behaviour of sugar esters. International Journal of Pharmaceutics, 2007, 336, 199-207.	5.2	55
4	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
5	The role of the surface free energy in the selection of a suitable excipient in the course of a wet-granulation method. Powder Technology, 2005, 155, 139-144.	4.2	25
6	Design and characterization of chitosan/citrate films as carrier for oral macromolecule delivery. European Journal of Pharmaceutical Sciences, 2020, 146, 105270.	4.0	23
7	The effect of the solvent on the film-forming parameters of hydroxypropyl-cellulose. International Journal of Pharmaceutics, 2005, 301, 192-198.	5.2	22
8	Raman spectroscopic investigation of film thickness. Polymer Testing, 2009, 28, 770-772.	4.8	20
9	Study of the recrystallization in coated pellets – Effect of coating on API crystallinity. European Journal of Pharmaceutical Sciences, 2013, 48, 563-571.	4.0	19
10	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
11	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
12	Manufacturing and Examination of Vaginal Drug Delivery System by FDM 3D Printing. Pharmaceutics, 2021, 13, 1714.	4.5	19
13	Metolose-PEG interaction as seen by positron annihilation spectroscopy. International Journal of Pharmaceutics, 2006, 313, 66-71.	5.2	18
14	In vitro and in vivo study in rats of rectal suppositories containing furosemide. European Journal of Pharmaceutics and Biopharmaceutics, 2002, 53, 311-315.	4.3	16
15	Thermoanalytical study of microspheres containing diltiazem hydrochloride. Journal of Thermal Analysis and Calorimetry, 2006, 86, 287-290.	3.6	16
16	Film coating as a method to enhance the preparation of tablets from dimenhydrinate crystals. International Journal of Pharmaceutics, 2004, 269, 393-401.	5.2	15
17	Study on the Relationship between Particle Size and Near Infrared Diffuse Reflectance Spectroscopic Data. Particle and Particle Systems Characterization, 2005, 22, 219-222.	2.3	15
18	The effect of storage on the behaviour of Eudragit NE free film. Journal of Thermal Analysis and Calorimetry, 2003, 73, 607-613.	3.6	14

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19	Study of the preparation of a multiparticulate drug delivery system with a layering technique. Powder Technology, 2011, 205, 155-159.	4.2	14
20	Effects of excipients on the tensile strength, surface properties and free volume of Klucel® free films of pharmaceutical importance. Radiation Physics and Chemistry, 2013, 89, 57-63.	2.8	14
21	Title is missing!. Magyar Árvad Kézlönyek, 2002, 68, 613-627.	1.4	13
22	Study of the effect of plasticizer on the structure and surface characteristics of ethylcellulose free films with FT-IR spectroscopy. Microchemical Journal, 2013, 110, 36-39.	4.5	13
23	Thermochemical study on the ring closure reaction of 5-morpholino-4-vinylpyridazinones by tert-amino effect. Computational and Theoretical Chemistry, 2003, 666-667, 667-680.	1.5	12
24	Optimization of preparation of matrix pellets containing Eudragit® NE 30D. Chemical Engineering Research and Design, 2012, 90, 651-657.	5.6	12
25	Thermal study of ethyl cellulose coating films used for modified release (MR) dosage forms. Journal of Thermal Analysis and Calorimetry, 2012, 108, 347-352.	3.6	12
26	Standpoint on the priority of TNTs and CNTs as targeted drug delivery systems. Drug Discovery Today, 2019, 24, 1704-1709.	6.4	12
27	Surface Treatment of Indomethacin Agglomerates with Eudragit. Drug Development and Industrial Pharmacy, 2004, 30, 381-388.	2.0	11
28	From Mini to Micro Scale – Feasibility of Raman Spectroscopy as a Process Analytical Tool (PAT). Pharmaceutics, 2011, 3, 723-730.	4.5	10
29	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
30	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
31	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
32	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
33	In Vitro Tests of FDM 3D-Printed Diclofenac Sodium-Containing Implants. Molecules, 2020, 25, 5889.	3.8	10
34	Study on the scope of tert-amino effect: new extensions of type 2 reactions to bridged biaryls. Journal of Physical Organic Chemistry, 2012, 25, 1033-1041.	1.9	9
35	Development of a Raman method to follow the evolution of coating thickness of pellets. Drug Development and Industrial Pharmacy, 2014, 40, 1005-1010.	2.0	9
36	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

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37	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
38	Anti-counterfeiting protection, personalized medicines—Development of 2D identification methods using laser technology. International Journal of Pharmaceutics, 2021, 605, 120793.	5.2	9
39	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
40	Effects of Sucrose Palmitate on the Physico-Chemical and Mucoadhesive Properties of Buccal Films. Molecules, 2020, 25, 5248.	3.8	8
41	PLGA based film forming systems for superficial fungal infections treatment. European Journal of Pharmaceutical Sciences, 2021, 163, 105855.	4.0	8
42	Thermoanalytical behaviour of some coating free films. Journal of Thermal Analysis and Calorimetry, 2007, 89, 793-797.	3.6	7
43	Testing of the structure of macromolecular polymer films containing solid active pharmaceutical ingredient (API) particles. Radiation Physics and Chemistry, 2011, 80, 799-802.	2.8	7
44	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
45	Evaluating superdisintegrants for their performance in orally disintegrating tablets containing lysozyme enzyme. Journal of Drug Delivery Science and Technology, 2019, 49, 396-404.	3.0	7
46	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
47	Development of a DSC method for determination of certain technological parameters of margarine and mixed-fat spread. Journal of Thermal Analysis and Calorimetry, 2007, 88, 351-354.	3.6	6
48	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
49	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
50	Unique laser coding technology to fight falsified medicines. European Journal of Pharmaceutical Sciences, 2018, 123, 1-9.	4.0	6
51	A novel insight into fluid bed melt granulation: Temperature mapping for the determination of granule formation with the in-situ and spray-on techniques. European Journal of Pharmaceutical Sciences, 2019, 127, 351-362.	4.0	6
52	Preparing of pellets by extrusion/spheronization using different types of equipment and process conditions. Drug Development and Industrial Pharmacy, 2014, 40, 762-764.	2.0	5
53	Investigation of the Drug Carrier Properties of Insoluble Cyclodextrin Polymer Microspheres. Biomolecules, 2022, 12, 931.	4.0	5
54	Formulation and in vitro study of antibacterial vaginal suppositories. Pharmaceutica Acta Helvetiae, 1994, 69, 141-148.	1.2	4

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55	The effect of plasticizer on the ageing of Metolose films. <i>Radiation Physics and Chemistry</i> , 2007, 76, 165-168.	2.8	4
56	Characterization of ethylcellulose free films by positron annihilation spectroscopy and mechanical testing. <i>Microchemical Journal</i> , 2014, 115, 47-50.	4.5	4
57	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
58	Quantitative and qualitative use of thermal analysis for the investigation of the properties of granules during fluid bed melt granulation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 133, 619-632.	3.6	4
59	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
60	Surface Treatment of Dimenhydrinate Crystals. <i>Magyar Árvad Kémlelmények</i> , 2000, 62, 797-807.	1.4	3
61	Investigation of Ethacrynic Acid and Random-methyl- β -cyclodextrin Binary Complexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 42, 219-226.	1.6	3
62	DSC investigation of early pregnant uterus of the rat. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 95, 695-698.	3.6	3
63	Physicochemical Investigations of Metolose Coating Films. <i>Composite Interfaces</i> , 2010, 17, 581-594.	2.3	3
64	Preparation and physicochemical characterization of matrix pellets containing APIs with different solubility via extrusion process. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 458-464.	2.0	3
65	Investigation of the Compressibility and Compactibility of Titanate Nanotube-API Composites. <i>Materials</i> , 2018, 11, 2582.	2.9	3
66	Optimization of the Production Process and Product Quality of Titanate Nanotube-Drug Composites. <i>Nanomaterials</i> , 2019, 9, 1406.	4.1	3
67	Formulation of diazepam containing rectal suppositories and experiences of their biopharmaceutical study. <i>Die Pharmazie</i> , 1994, 49, 346-9.	0.5	3
68	Solutol and Cremophor Products as New Additives in Suppository Formulation. <i>Drug Development and Industrial Pharmacy</i> , 2002, 28, 203-206.	2.0	2
69	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
70	Comparative study on the rheological properties and tablettability of various APIs and their composites with titanate nanotubes. <i>Powder Technology</i> , 2017, 321, 419-427.	4.2	2
71	Effects of the controlled temperature in the production of high-shear granulated protein-containing granules. <i>Powder Technology</i> , 2022, 395, 758-765.	4.2	1
72	Predicting Drug Release Rate of Implantable Matrices and Better Understanding of the Underlying Mechanisms through Experimental Design and Artificial Neural Network-Based Modelling. <i>Pharmaceutics</i> , 2022, 14, 228.	4.5	1

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73	Study of the Recrystallization in Coated Pellets. Scientia Pharmaceutica, 2010, 78, 642-642.	2.0	0
74	Melt Granulation as a Modern Technological Procedure. Scientia Pharmaceutica, 2010, 78, 552-552.	2.0	0
75	Physicochemical testing of free films containing nonâ€soluble components. Polymers for Advanced Technologies, 2012, 23, 1020-1024.	3.2	0
76	New Associate Editor. Journal of Thermal Analysis and Calorimetry, 2016, 123, 15-17.	3.6	0
77	Selected papers of the â€œ12th central European symposium on pharmaceutical technology and regulatory affairsâ€: European Journal of Pharmaceutical Sciences, 2020, 145, 105238.	4.0	0
78	Preparation and investigation of permeability and physicalchemical properties of buccal films with sodium alginate. , 2021, , .		0
79	Development and optimization of the coating processes of lysozyme loaded pellets for oral delivery. , 2021, , .		0
80	Optimization of the functionalization method of titanate nanotubes in order to use them as drug delivery systems. , 2021, , .		0
81	Investigation of drug-matrix interaction in directly compressed matrices. , 2021, , .		0
82	Optimization of the production process and product quality of titanate nanotube-drug composites. , 2019, , .		0
83	Design and characterization of Chitosan/citrate films as suitable multifunctionalcoating for oral-macromolecule delivery. , 2019, , .		0
84	Development of anti-counterfeiting protection by laser technology. , 2019, , .		0
85	NÃ¡trium-alginÃ¡t, mint bukkÃ¡lis mukoadhezÃ¡v gyÃ¡gyszerhordozÃ¡rendszer. , 2020, , .		0
86	The use of functionalized titanate nanotubes as drug delivery systems. , 2020, , .		0
87	Development and characterization of sodium alginate polymer film as a buccal mucoadhesive drug delivery system. , 2020, , .		0
88	3D nyomtatÃ¡sval elÃ¡Ã¡llÃ¡tott implantÃ¡tumok anyagszerkezeti Ã©s biokompatibilitÃ¡si vizsgÃ¡latai. , 2020, , .		0
89	Effect of Processing Conditions and Material Attributes on the Design Space of Lysozyme Pellets Prepared by Extrusion/Spheronization. , 2020, , .		0
90	Development of QR coded tablets for anti-counterfeiting of drugs by laser technology. , 2020, , .		0

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91	The prominence of titanate nanotubesâ€™ functionalization on their physicochemical properties and biological applications as drug delivery system. , 2020, , .		0
92	Stability and permeability properties of sodium alginate buccal films. , 2022, , .		0
93	Development of solid self-nanoemulsifying drug delivery systems (s-SNEDDS) for oral delivery of lysozyme. , 2022, , .		0
94	Effect of Process Conditions and Parameters on Low-Dose Drug Uniformity Formulated as Pellets. , 2022, , .		0
95	Preparation of functionalized titanate nanotubes to improve toxicological profile and bioavailability. , 2022, , .		0
96	Development and characterization of lysozyme loaded gum arabic as innovative oral films. , 2022, , .		0