

# Piroska Szabó<sup>3</sup>-Rácvászi

## List of Publications by Year in descending order

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Version: 2024-02-01

145  
papers

3,214  
citations

136885

32  
h-index

214721

47  
g-index

147  
all docs

147  
docs citations

147  
times ranked

3461  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sucrose esters as natural surfactants in drug delivery systemsŰA mini-review. International Journal of Pharmaceutics, 2012, 433, 1-9.	2.6	153
2	Quantitative Determination of Crystallinity of Ű-Lactose Monohydrate by DSC. Magyar AprŰvad KŰzlemŰnyek, 2002, 68, 503-510.	1.4	119
3	Kinetic Analysis of the Toxicity of Pharmaceutical Excipients Cremophor EL and RH40 on Endothelial and Epithelial Cells. Journal of Pharmaceutical Sciences, 2013, 102, 1173-1181.	1.6	93
4	Sodium hyaluronate as a mucoadhesive component in nasal formulation enhances delivery of molecules to brain tissue. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 72, 252-259.	2.0	82
5	Investigation of preparation parameters to improve the dissolution of poorly water-soluble meloxicam. International Journal of Pharmaceutics, 2009, 381, 153-159.	2.6	77
6	Adaptation of the quality by design concept in early pharmaceutical development of an intranasal nanosized formulation. International Journal of Pharmaceutics, 2015, 491, 384-392.	2.6	70
7	Reversible Opening of Intercellular Junctions of Intestinal Epithelial and Brain Endothelial Cells With Tight Junction Modulator Peptides. Journal of Pharmaceutical Sciences, 2016, 105, 754-765.	1.6	70
8	Thiolated poly(aspartic acid) as potential in situ gelling, ocular mucoadhesive drug delivery system. European Journal of Pharmaceutical Sciences, 2015, 67, 1-11.	1.9	66
9	Study of thermal behaviour of sugar alcohols. Journal of Thermal Analysis and Calorimetry, 2003, 73, 615-621.	2.0	65
10	DSC, X-ray and FTIR studies of a gemfibrozil/dimethyl-Ű-cyclodextrin inclusion complex produced by co-grinding. Journal of Pharmaceutical and Biomedical Analysis, 2012, 57, 62-67.	1.4	65
11	Study of thermal behaviour of sugar esters. International Journal of Pharmaceutics, 2007, 336, 199-207.	2.6	55
12	In Vitro Drug Release, Permeability, and Structural Test of Ciprofloxacin-Loaded Nanofibers. Pharmaceutics, 2021, 13, 556.	2.0	55
13	In vitro and in vivo characterization of meloxicam nanoparticles designed for nasal administration. European Journal of Pharmaceutical Sciences, 2013, 50, 86-92.	1.9	47
14	The effect of sucrose esters on a culture model of the nasal barrier. Toxicology in Vitro, 2012, 26, 445-454.	1.1	46
15	Formulation and comparison of spray dried non-porous and large porous particles containing meloxicam for pulmonary drug delivery. International Journal of Pharmaceutics, 2019, 559, 68-75.	2.6	46
16	Study of gel-forming properties of sucrose esters for thermosensitive drug delivery systems. International Journal of Pharmaceutics, 2010, 383, 132-137.	2.6	44
17	Microwave processing of natural biopolymersŰstudies on the properties of different starches. International Journal of Pharmaceutics, 2005, 302, 166-171.	2.6	43
18	Applicability of sucrose laurate as surfactant in solid dispersions prepared by melt technology. International Journal of Pharmaceutics, 2011, 410, 107-110.	2.6	42

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19	Sucrose Esters Increase Drug Penetration, But Do Not Inhibit P-glycoprotein in Caco-2 Intestinal Epithelial Cells. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3107-3119.	1.6	41
20	Freeze-casting technique in the development of solid drug delivery systems. <i>Chemical Engineering and Processing: Process Intensification</i> , 2007, 46, 230-238.	1.8	40
21	Development of a microparticle-based dry powder inhalation formulation of ciprofloxacin hydrochloride applying the quality by design approach. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 3331-3343.	2.0	40
22	Study of the parameters influencing the co-grinding process for the production of meloxicam nanoparticles. <i>Powder Technology</i> , 2011, 212, 210-217.	2.1	39
23	Physicochemical characterization of meloxicam-mannitol binary systems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1191-1197.	1.4	38
24	Retinoic acid and hydrocortisone strengthen the barrier function of human RPMI 2650 cells, a model for nasal epithelial permeability. <i>Cytotechnology</i> , 2013, 65, 395-406.	0.7	38
25	Niosomes decorated with dual ligands targeting brain endothelial transporters increase cargo penetration across the blood-brain barrier. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 228-240.	1.9	38
26	Dual Action of the PN159/KLAL/MAP Peptide: Increase of Drug Penetration across Caco-2 Intestinal Barrier Model by Modulation of Tight Junctions and Plasma Membrane Permeability. <i>Pharmaceutics</i> , 2019, 11, 73.	2.0	38
27	Nasal delivery of nanosuspension-based mucoadhesive formulation with improved bioavailability of loratadine: Preparation, characterization, and in vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119166.	2.6	37
28	Quality by Design Based Formulation Study of Meloxicam-Loaded Polymeric Micelles for Intranasal Administration. <i>Pharmaceutics</i> , 2020, 12, 697.	2.0	36
29	Preparation of a Solid Dispersion by a Dropping Method to Improve the Rate of Dissolution of Meloxicam. <i>Drug Development and Industrial Pharmacy</i> , 2008, 34, 781-788.	0.9	35
30	Effect of polymers for aerolization properties of mannitol-based microcomposites containing meloxicam. <i>European Polymer Journal</i> , 2013, 49, 2518-2527.	2.6	35
31	Water-soluble loratadine inclusion complex: Analytical control of the preparation by microwave irradiation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1020-1023.	1.4	34
32	Development of oral lyophilisates containing meloxicam nanocrystals using QbD approach. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 104, 356-365.	1.9	34
33	Mucoadhesive behaviour of emulsions containing polymeric emulsifier. <i>European Journal of Pharmaceutical Sciences</i> , 2008, 34, 226-235.	1.9	33
34	Advantages of cross-linked versus linear hyaluronic acid for semisolid skin delivery systems. <i>European Polymer Journal</i> , 2013, 49, 2511-2517.	2.6	33
35	Study of sodium hyaluronate-based intranasal formulations containing micro- or nanosized meloxicam particles. <i>International Journal of Pharmaceutics</i> , 2015, 491, 198-207.	2.6	33
36	Analysis of co-spray-dried meloxicam-mannitol systems containing crystalline microcomposites. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 183-190.	1.4	32

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37	The Effect of an Optimized Wet Milling Technology on the Crystallinity, Morphology and Dissolution Properties of Micro- and Nanonized Meloxicam. <i>Molecules</i> , 2016, 21, 507.	1.7	32
38	New aspects of developing a dry powder inhalation formulation applying the quality-by-design approach. <i>International Journal of Pharmaceutics</i> , 2016, 511, 151-160.	2.6	32
39	An assessment of the interactions between diclofenac sodium and ammonio methacrylate copolymer using thermal analysis and Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 288-294.	1.4	31
40	Development of Meloxicam-Human Serum Albumin Nanoparticles for Nose-to-Brain Delivery via Application of a Quality by Design Approach. <i>Pharmaceutics</i> , 2020, 12, 97.	2.0	31
41	Ibuprofen penetration enhance by sucrose ester examined by ATR-FTIR in vivo. <i>Pharmaceutical Development and Technology</i> , 2012, 17, 125-128.	1.1	29
42	Aerodynamic properties and in silico deposition of meloxicam potassium incorporated in a carrier-free DPI pulmonary system. <i>International Journal of Pharmaceutics</i> , 2017, 520, 70-78.	2.6	29
43	New thermogravimetric protocol for the investigation of normal and damaged human hyaline cartilage. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 89, 853-856.	2.0	28
44	Intranasal Delivery of Human $\beta$ -Amyloid Peptide in Rats: Effective Brain Targeting. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 405-413.	1.7	28
45	Development of spherical crystal agglomerates of an aspartic acid salt for direct tablet making. <i>Powder Technology</i> , 2001, 114, 118-124.	2.1	27
46	Amorphization of a crystalline active pharmaceutical ingredient and thermoanalytical measurements on this glassy form. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 243-247.	2.0	27
47	Ecdysteroids Sensitize MDR and Non-MDR Cancer Cell Lines to Doxorubicin, Paclitaxel, and Vincristine but Tend to Protect Them from Cisplatin. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	27
48	Recycling of filter tea industry by-products: Production of <i>A. millefolium</i> powder using spray drying technique. <i>Industrial Crops and Products</i> , 2016, 80, 197-206.	2.5	27
49	Study of the effects of drugs on the structures of sucrose esters and the effects of solid-state interactions on drug release. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1136-1142.	1.4	26
50	Application of the QbD-based approach in the early development of liposomes for nasal administration. <i>International Journal of Pharmaceutics</i> , 2019, 562, 11-22.	2.6	26
51	Comparative study of nanosized cross-linked sodium-, linear sodium- and zinc-hyaluronate as potential ocular mucoadhesive drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2015, 494, 321-328.	2.6	25
52	Effect of Sonocrystallization on the Habit and Structure of Gemfibrozil Crystals. <i>Chemical Engineering and Technology</i> , 2010, 33, 827-832.	0.9	22
53	Novel dry powder inhaler formulation containing antibiotic using combined technology to improve aerodynamic properties. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 20-27.	1.9	22
54	Modifying the physicochemical properties of NSAIDs for nasal and pulmonary administration. <i>Drug Discovery Today: Technologies</i> , 2018, 27, 87-93.	4.0	21

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55	Electrospun nanofiber-based niflumic acid capsules with superior physicochemical properties. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 371-378.	1.4	21
56	Formulation of levodopa containing dry powder for nasal delivery applying the quality-by-design approach. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 475-483.	1.9	20
57	Formulation and In Vitro and In Silico Characterization of "Nano-in-Micro" Dry Powder Inhalers Containing Meloxicam. <i>Pharmaceutics</i> , 2021, 13, 211.	2.0	20
58	Further characterization of degenerated human cartilage with differential scanning calorimetry. <i>Thermochimica Acta</i> , 2007, 464, 75-77.	1.2	19
59	Comparison of static and dynamic sonication as process intensification for particle size reduction using a factorial design. <i>Chemical Engineering and Processing: Process Intensification</i> , 2015, 87, 26-34.	1.8	19
60	Reduction of glycine particle size by impinging jet crystallization. <i>International Journal of Pharmaceutics</i> , 2015, 478, 96-102.	2.6	19
61	Effect of solubility enhancement on nasal absorption of meloxicam. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 95, 96-102.	1.9	19
62	Preliminary study of nanonized lamotrigine containing products for nasal powder formulation. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 2453-2466.	2.0	19
63	Structural study of $\beta$ -lactose monohydrate subjected to microwave irradiation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 89, 757-760.	2.0	18
64	Physico-chemical characterization and dissolution properties of niflumic acid-cyclodextrin-PVP ternary systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 104, 291-297.	2.0	18
65	Analysis of submicron-sized niflumic acid crystals prepared by electrospray crystallization. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 76, 1-7.	1.4	18
66	Investigation of Absorption Routes of Meloxicam and Its Salt Form from Intranasal Delivery Systems. <i>Molecules</i> , 2018, 23, 784.	1.7	18
67	Development of an Innovative, Carrier-Based Dry Powder Inhalation Formulation Containing Spray-Dried Meloxicam Potassium to Improve the In Vitro and In Silico Aerodynamic Properties. <i>Pharmaceutics</i> , 2020, 12, 535.	2.0	18
68	Optimization and design of an ibuprofen-loaded nanostructured lipid carrier with a 23 full factorial design. <i>Chemical Engineering Research and Design</i> , 2015, 104, 488-496.	2.7	17
69	The Effect of Sodium Bicarbonate, a Beneficial Adjuvant Molecule in Cystic Fibrosis, on Bronchial Epithelial Cells Expressing a Wild-Type or Mutant CFTR Channel. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4024.	1.8	17
70	Development of In Situ Gelling Meloxicam-Human Serum Albumin Nanoparticle Formulation for Nose-to-Brain Application. <i>Pharmaceutics</i> , 2021, 13, 646.	2.0	15
71	Formulation of poorly water-soluble Gemfibrozil applying power ultrasound. <i>Ultrasonics Sonochemistry</i> , 2012, 19, 286-291.	3.8	14
72	Cytotoxicity of Different Excipients on RPMI 2650 Human Nasal Epithelial Cells. <i>Molecules</i> , 2016, 21, 658.	1.7	14

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73	Production of meloxicam suspension using pulsed laser ablation in liquid (PLAL) technique. Journal Physics D: Applied Physics, 2018, 51, 165401.	1.3	14
74	Development of prednisolone-containing eye drop formulations by cyclodextrin complexation and antimicrobial, mucoadhesive biopolymer. Drug Design, Development and Therapy, 2018, Volume 12, 2529-2537.	2.0	14
75	Application of pulsed laser ablation (PLA) for the size reduction of non-steroidal anti-inflammatory drugs (NSAIDs). Scientific Reports, 2020, 10, 15806.	1.6	14
76	Physico-Chemical and In Vitro Characterization of Chitosan-Based Microspheres Intended for Nasal Administration. Pharmaceutics, 2021, 13, 608.	2.0	14
77	Aronia Berry Processing by Spray Drying. Food Technology and Biotechnology, 2019, 57, 513-524.	0.9	14
78	Effects of polymers on the crystallinity of nanonized meloxicam during a co-grinding process. European Polymer Journal, 2013, 49, 2426-2432.	2.6	13
79	The Development of an In Vitro Horizontal Diffusion Cell to Monitor Nasal Powder Penetration Inline. Pharmaceutics, 2021, 13, 809.	2.0	13
80	Comparison of Modern In Vitro Permeability Methods with the Aim of Investigation Nasal Dosage Forms. Pharmaceutics, 2021, 13, 846.	2.0	13
81	Influence of Freezing Temperature on Product Parameters of Solid Dosage Forms Prepared via the Freeze-Casting Technique. Chemical Engineering and Technology, 2007, 30, 511-516.	0.9	12
82	Study of paracetamol-containing pastilles produced by melt technology. Journal of Thermal Analysis and Calorimetry, 2016, 123, 2549-2559.	2.0	12
83	Comparative Study of Different Crystallization Methods in the Case of Cilostazol Crystal Habit Optimization. Crystals, 2019, 9, 295.	1.0	12
84	Spray Drying of a Subcritical Extract Using Marrubium vulgare as a Method of Choice for Obtaining High Quality Powder. Pharmaceutics, 2019, 11, 523.	2.0	12
85	Interaction Studies Between Levodopa and Different Excipients to Develop Coground Binary Mixtures for Intranasal Application. Journal of Pharmaceutical Sciences, 2019, 108, 2552-2560.	1.6	12
86	Preparation and characterization of lamotrigine containing nanocapsules for nasal administration. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 153, 177-186.	2.0	12
87	Analysis of niflumic acid prepared by rapid microwave-assisted evaporation. Journal of Pharmaceutical and Biomedical Analysis, 2014, 98, 16-21.	1.4	11
88	Optimization of a combined wet milling process in order to produce poly(vinyl alcohol) stabilized nanosuspension. Drug Design, Development and Therapy, 2018, Volume 12, 1567-1580.	2.0	11
89	Stability test of novel combined formulated dry powder inhalation system containing antibiotic: physical characterization and <i>in vitro</i> and <i>in silico</i> lung deposition results. Drug Development and Industrial Pharmacy, 2019, 45, 1369-1378.	0.9	11
90	Investigation of the Absorption of Nanosized lamotrigine Containing Nasal Powder via the Nasal Cavity. Molecules, 2020, 25, 1065.	1.7	11

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91	Production of ibuprofen in crystalline and amorphous forms by Pulsed Laser Deposition (PLD). <i>Applied Surface Science</i> , 2019, 493, 359-367.	3.1	10
92	<p>Transformation of Meloxicam Containing Nanosuspension into Surfactant-Free Solid Compositions to Increase the Product Stability and Drug Bioavailability for Rapid Analgesia</p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4007-4020.	2.0	10
93	Preparation and investigation of mefenamic acid â€“ polyethylene glycol â€“ sucrose ester solid dispersions. <i>Acta Pharmaceutica</i> , 2015, 65, 453-462.	0.9	9
94	<i>In vitro</i> testing of thiolated poly(aspartic acid) from ophthalmic formulation aspects. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1241-1246.	0.9	9
95	Definition and validation of the Design Space for co-milled nasal powder containing nanosized lamotrigine. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1622-1630.	0.9	9
96	Mucoadhesive meloxicam-loaded nanoemulsions: Development, characterization and nasal applicability studies. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 175, 106229.	1.9	9
97	Water Sorption Behavior and Swelling Characteristics of Starches Subjected to Dielectric Heating. <i>Pharmaceutical Development and Technology</i> , 2007, 12, 555-561.	1.1	8
98	Atmospheric Pressure Cold Plasma Synthesis of Submicrometer-Sized Pharmaceuticals with Improved Physicochemical Properties. <i>Crystal Growth and Design</i> , 2012, 12, 5090-5095.	1.4	8
99	Smartcrystals for Efficient Dissolution of Poorly Water-Soluble Meloxicam. <i>Pharmaceutics</i> , 2022, 14, 245.	2.0	8
100	Iron(II) sulfate release from drop-formed lipophilic matrices developed by special hot-melt technology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 57, 287-294.	2.0	7
101	Novel calorimetric properties of human cartilage samples in rheumatoid arthritis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 95, 813-815.	2.0	7
102	Thermoanalytical method for predicting the hydration effect permanency of dermal semisolid preparations. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 313-316.	2.0	7
103	Thermoanalytical investigation of different hip joint arthropathies. <i>Thermochimica Acta</i> , 2010, 506, 94-97.	1.2	7
104	Cationic Thiolated Poly(aspartamide) Polymer as a Potential Excipient for Artificial Tear Formulations. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-8.	0.6	7
105	Application of a suitable particle engineering technique by pulsed laser ablation in liquid (PLAL) to modify the physicochemical properties of poorly soluble drugs. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101727.	1.4	7
106	Development of Solvent-Free Co-Ground Method to Produce Terbinafine Hydrochloride Cyclodextrin Binary Systems; Structural and In Vitro Characterizations. <i>Pharmaceutics</i> , 2022, 14, 744.	2.0	7
107	A DSC and Raman spectroscopic study of microspheres prepared with polar cosolvents by different techniques. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 94, 109-118.	2.0	6
108	Investigation of the thermal and structural behaviour of diclofenac sodium-sugar ester surfactant systems. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 95, 885-890.	2.0	6

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109	Characterization of human cartilage in degenerated spine disease with differential scanning calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 95, 809-811.	2.0	6
110	Formulation of tablets containing an "in-process" amorphized active pharmaceutical ingredient. <i>Drug Development and Industrial Pharmacy</i> , 2011, 37, 1272-1281.	0.9	6
111	Formation of niflumic acid particle size by solvent diffusion and solvent evaporation as precipitation methods. <i>Journal of Drug Delivery Science and Technology</i> , 2012, 22, 307-312.	1.4	6
112	Gas chromatographic mass spectrometric analysis and subsequent quality improvement of plastic infusion packaging materials. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 97, 111-115.	1.4	6
113	The effect of the antioxidant on the properties of thiolated poly(aspartic acid) polymers in aqueous ocular formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 113, 178-187.	2.0	6
114	Optimizing the Crystal Habit of Glycine by Using an Additive for Impinging Jet Crystallization. <i>Chemical Engineering and Technology</i> , 2017, 40, 1323-1331.	0.9	6
115	Fabrication of Submicrometer-Sized Meloxicam Particles Using Femtosecond Laser Ablation in Gas and Liquid Environments. <i>Nanomaterials</i> , 2021, 11, 996.	1.9	6
116	Stability and In Vitro Aerodynamic Studies of Inhalation Powders Containing Ciprofloxacin Hydrochloride Applying Different DPI Capsule Types. <i>Pharmaceutics</i> , 2021, 13, 689.	2.0	6
117	Cytotoxicity testing of carrier-based microcomposites for DPI application. <i>Die Pharmazie</i> , 2011, 66, 549-50.	0.3	6
118	Influence of Work of Adhesion on Dissolution Rate in Binary Solid Systems. <i>Journal of Adhesion</i> , 2007, 83, 799-810.	1.8	5
119	Calorimetric properties of degenerative human shoulder joint hyaline cartilage. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 95, 805-808.	2.0	5
120	Formulation of paracetamol-containing pastilles with in situ coating technology. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 95, 54-61.	1.9	5
121	The effect of ethanol on the habit and in vitro aerodynamic results of dry powder inhalation formulations containing ciprofloxacin hydrochloride. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 471-482.	4.3	5
122	Characterizing the Drug-Release Enhancement Effect of Surfactants on Megestrol-Acetate-Loaded Granules. <i>Pharmaceutics</i> , 2022, 15, 113.	1.7	5
123	Thermoanalytical and microscopical investigation of the microstructure of emulsions containing polymeric emulsifier. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 94, 271-274.	2.0	4
124	Formulation Optimization of Sustained-Release Ammonio Methacrylate Copolymer Microspheres. Effects of Log P and Concentration of Polar Cosolvents, and Role of the Drug/Copolymer Ratio. <i>Pharmaceutics</i> , 2011, 3, 830-847.	2.0	4
125	Physicochemical stability and aerosolization performance of mannitol-based microcomposites. <i>Journal of Drug Delivery Science and Technology</i> , 2014, 24, 397-403.	1.4	4
126	Investigation of recrystallization of amorphous trehalose through hot-humidity stage X-ray powder diffraction. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 95, 145-151.	1.9	4

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127	Development of spherical iron(II) sulfate heptahydrate-containing solid particles with sustained drug release. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 66, 193-199.	2.0	3
128	Novel calorimetric investigation of different degenerative disorders of the human hyaline cartilage. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 95, 801-804.	2.0	3
129	New Approach of Sucrose Myristate as a Promising Penetration Enhancer in Dermal Preparations. <i>Tenside, Surfactants, Detergents</i> , 2015, 52, 375-379.	0.5	3
130	Physico-Chemical, In Vitro and Ex Vivo Characterization of Meloxicam Potassium-Cyclodextrin Nanospheres. <i>Pharmaceutics</i> , 2021, 13, 1883.	2.0	3
131	Investigation of the crystallinity of sugar alcohols co-ground with polymeric excipients. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 2479-2486.	2.0	2
132	Calorimetric investigation of normal and pathological human meniscus. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 2031-2035.	2.0	1
133	Effect of Co-Grinding on Crystallinity of Clopidogrel Bisulfate. <i>Chemical Engineering and Technology</i> , 2014, 37, 1393-1398.	0.9	1
134	Robustness testing of milling process, analyzing the particle size distribution and crystallinity of the milled samples. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 393-398.	2.0	1
135	Calorimetric examination of palmar connective tissue in Dupuytren's disease. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 2027-2030.	2.0	0
136	In vitro and ex vivo models for assessing the antibiofilm properties of wound dressings. , 2021, , .		0
137	Effect of solvent compositions on habits and in vitro aerodynamic results of spray-dried pulmonary formulations. , 2021, , .		0
138	Size reduction of drug particles by pulsed laser ablation technique. , 2021, , .		0
139	Formulation of a solid oral drug delivery systems containing nanosuspension produced by combined wet milling technique. , 2019, , .		0
140	Formulation and investigation of novel, carrier-based dry powder inhalation system. , 2019, , .		0
141	Nasal formulation of active ingredients to induce systemic and central nervous systemic effects. , 2019, , .		0
142	Formulation of nasal drug delivery systems to induce systemic and central nervous systemic effect. , 2020, , .		0
143	Characterization of dry powder inhalation systems using an organic solvent to reach special micrometric properties. , 2020, , .		0
144	In situ gels of meloxicam-humic acid in sodium albumin nanospheres formulation development of nose-to-brain delivery system. , 2020, , .		0

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145	Preparation and investigation of meloxicam potassium containing cyclodextrin nanoparticles intended for nasal application. , 2022, , .		0