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List of Publications by Year in descending order

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65 papers	1,983 citations	186265 28 h-index	265206 42 g-index
68 all docs	68 docs citations	68 times ranked	2383 citing authors

#	Article	IF	Citations
1	Liposomal Delivery System Enhances Anti-Inflammatory Properties of Curcumin. Journal of Pharmaceutical Sciences, 2012, 101, 598-609.	3.3	124
2	Brain delivery of camptothecin by means of solid lipid nanoparticles: Formulation design, in vitro and in vivo studies. International Journal of Pharmaceutics, 2012, 439, 49-62.	5.2	104
3	Formation of nano/micro-dispersions with improved dissolution properties upon dispersion of ritonavir melt extrudate in aqueous media. European Journal of Pharmaceutical Sciences, 2010, 40, 25-32.	4.0	96
4	Chitosan-coated liposomes for topical vaginal therapy: Assuring localized drug effect. International Journal of Pharmaceutics, 2014, 472, 94-101.	5.2	95
5	Application of multivariate methods to compression behavior evaluation of directly compressible materials. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 72, 148-155.	4.3	67
6	In situ formation of nanoparticles upon dispersion of melt extrudate formulations in aqueous medium assessed by asymmetrical flow field-flow fractionation. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 359-365.	2.8	67
7	A statistical approach to evaluate the potential use of compression parameters for classification of pharmaceutical powder materials. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 75, 425-435.	4.3	57
8	Pectinic acid, a novel excipient for production of pellets by extrusion/spheronisation: preliminary studies. European Journal of Pharmaceutics and Biopharmaceutics, 2002, 54, 95-99.	4.3	52
9	Multivariate design for the evaluation of lipid and surfactant composition effect for optimisation of lipid nanoparticles. European Journal of Pharmaceutical Sciences, 2012, 45, 613-623.	4.0	51
10	Chitosan in Mucoadhesive Drug Delivery: Focus on Local Vaginal Therapy. Marine Drugs, 2015, 13, 222-236.	4.6	51
11	Micellisation Mechanism and Behaviour of SoluplusÂ®â€“Furosemide Micelles: Preformulation Studies of an Oral Nanocarrier-Based System. Pharmaceuticals, 2019, 12, 15.	3.8	50
12	Immersion coating of pellets with calcium pectinate and chitosan. International Journal of Pharmaceutics, 2006, 308, 25-32.	5.2	47
13	The formation and permeability of drugs across free pectin and chitosan films prepared by a spraying method. European Journal of Pharmaceutics and Biopharmaceutics, 2003, 56, 175-181.	4.3	46
14	Development and evaluation of a test program for Y-site compatibility testing of total parenteral nutrition and intravenous drugs. Nutrition Journal, 2015, 15, 29.	3.4	46
15	Multivariate analysis of relationships between material properties, process parameters and tablet tensile strength for Î±-lactose monohydrates. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 73, 424-431.	4.3	45
16	Chitosan-Based Nanomedicine to Fight Genital Candida Infections: Chitosomes. Marine Drugs, 2017, 15, 64.	4.6	45
17	A new multiparticulate delayed release system.. Journal of Controlled Release, 1997, 47, 191-199.	9.9	43
18	Disintegrating pellets from a water-insoluble pectin derivative produced by extrusion/spheronisation. European Journal of Pharmaceutics and Biopharmaceutics, 2003, 56, 371-380.	4.3	42

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19	In-vitro permeability screening of melt extrudate formulations containing poorly water-soluble drug compounds using the phospholipid vesicle-based barrier. Journal of Pharmacy and Pharmacology, 2010, 62, 1591-1598.	2.4	42
20	Mucoadhesive buccal films based on a graft co-polymer â€“ A mucin-retentive hydrogel scaffold. European Journal of Pharmaceutical Sciences, 2020, 142, 105142.	4.0	42
21	Evaluation of a rapid approximation method for the elastic recovery of tablets. Powder Technology, 2010, 202, 71-77.	4.2	39
22	Bioadhesive Mini-Tablets for Vaginal Drug Delivery. Pharmaceutics, 2014, 6, 494-511.	4.5	39
23	Polymers in pharmaceutical additive manufacturing: A balancing act between printability and product performance. Advanced Drug Delivery Reviews, 2021, 177, 113923.	13.7	36
24	Physical compatibility of total parenteral nutrition and drugs in Y-site administration to children from neonates to adolescents. Journal of Pharmacy and Pharmacology, 2017, 69, 448-462.	2.4	35
25	Bioadhesive polymeric nanoparticles as strategy to improve the treatment of yeast infections in oral cavity: in-vitro and ex-vivo studies. European Polymer Journal, 2018, 104, 19-31.	5.4	35
26	Pectosomes and Chitosomes as Delivery Systems for Metronidazole: The One-Pot Preparation Method. Pharmaceutics, 2013, 5, 445-456.	4.5	34
27	Characterization of Association and Gelation of Pectin in Methanolâ^'Water Mixtures. Biomacromolecules, 2003, 4, 1623-1629.	5.4	32
28	Cross-linking of amidated low-methoxylated pectin with calcium during extrusion/spheronisation: Effect on particle size and shape. Chemical Engineering Science, 2005, 60, 3899-3907.	3.8	30
29	Gellan Gum/Laponite Beads for the Modified Release of Drugs: Experimental and Modeling Study of Gastrointestinal Release. Pharmaceutics, 2019, 11, 187.	4.5	30
30	Development and in vitro evaluation of a liposome based implant formulation for the decapeptide cetrorelix. European Journal of Pharmaceutics and Biopharmaceutics, 2005, 59, 439-448.	4.3	29
31	Physicochemical properties of lipid nanoparticles: Effect of lipid and surfactant composition. Drug Development and Industrial Pharmacy, 2011, 37, 815-824.	2.0	27
32	Comparative evaluation of the powder and compression properties of various grades and brands of microcrystalline cellulose by multivariate methods. Pharmaceutical Development and Technology, 2010, 15, 394-404.	2.4	26
33	Solid lipid nanoparticle-loaded mucoadhesive buccal films â€“ Critical quality attributes and in vitro safety & efficacy. International Journal of Pharmaceutics, 2021, 592, 120100.	5.2	25
34	Quality by design (QbD) approaches for the compression step of tableting. Expert Opinion on Drug Delivery, 2011, 8, 1631-1644.	5.0	23
35	Experimental and Modeling Study of Drug Release from HPMC-Based Erodible Oral Thin Films. Pharmaceutics, 2018, 10, 222.	4.5	23
36	Tablets of pre-liposomes govern in situ formation of liposomes: Concept and potential of the novel drug delivery system. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 88, 443-454.	4.3	21

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37	Quantum chemical descriptors in the formulation of pectin pellets produced by extrusion/spheronisation. European Journal of Pharmaceutical Sciences, 2002, 16, 143-149.	4.0	19
38	Mucoadhesive assessment of different antifungal nanoformulations. Bioinspiration and Biomimetics, 2018, 13, 055001.	2.9	18
39	Direct Compression Behavior of Low- and High-Methoxylated Pectins. AAPS PharmSciTech, 2010, 11, 18-26.	3.3	17
40	Physical stability of an all-in-one parenteral nutrition admixture for preterm infants upon mixing with micronutrients and drugs. European Journal of Hospital Pharmacy, 2020, 27, 36-42.	1.1	17
41	Utilization of the Tyndall Effect for Enhanced Visual Detection of Particles in Compatibility Testing of Intravenous Fluids: Validity and Reliability. PDA Journal of Pharmaceutical Science and Technology, 2015, 69, 270-283.	0.5	16
42	Use of interactive mixtures to obtain mini-tablets with high dose homogeneity for paediatric drug delivery. Journal of Drug Delivery Science and Technology, 2016, 34, 51-59.	3.0	15
43	Extrusion/spheronization of pectin-based formulations. I. Screening of important factors. AAPS PharmSciTech, 2001, 2, 54-62.	3.3	15
44	Formulation of bioadhesive hexylaminolevulinate pellets intended for photodynamic therapy in the treatment of cervical cancer. International Journal of Pharmaceutics, 2013, 441, 544-554.	5.2	14
45	Development of a bioadhesive nanoformulation withGlycyrrhiza glabraL. extract againstCandida albicans. Biofouling, 2018, 34, 880-892.	2.2	14
46	Adjusting the dose in paediatric care: dispersing four different aspirin tablets and taking a proportion. European Journal of Hospital Pharmacy, 2021, 28, 76-82.	1.1	14
47	Inorganic Nanocarriers for Encapsulation of Natural Antimicrobial Compounds for Potential Food Packaging Application: A Comparative Study. Nanomaterials, 2021, 11, 379.	4.1	14
48	Influence of Drug Load on the Printability and Solid-State Properties of 3D-Printed Naproxen-Based Amorphous Solid Dispersion. Molecules, 2021, 26, 4492.	3.8	12
49	Extrusion/spheronization of pectin-based formulations. II. Effect of additive concentration in the granulation liquid. AAPS PharmSciTech, 2001, 2, 63-72.	3.3	11
50	Extrusion/spheronization of pectin-based formulations. I. Screening of important factors. AAPS PharmSciTech, 2001, 2, 54-62.	3.3	10
51	Effect of solvent composition on the association behavior of pectin in methanolâ€“water mixtures. European Polymer Journal, 2006, 42, 1164-1172.	5.4	9
52	Y-Site Physical Compatibility of Numeta G13E with Drugs Frequently Used at Neonatal Intensive Care. Pharmaceutics, 2020, 12, 677.	4.5	9
53	Effect of degree of methoxylation and particle size on compression properties and compactibility of pectin powders. Pharmaceutical Development and Technology, 2012, 17, 333-343.	2.4	8
54	Adjusting the dose in paediatric care by dispersing fragments of four different aspirin tablets. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 2394-2401.	1.5	8

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55	Investigation of hydroxypropyl-Î²-cyclodextrin inclusion complexation of two poorly soluble model drugs and their taste-sensation - Effect of electrolytes, freeze-drying and incorporation into oral film formulations. Journal of Drug Delivery Science and Technology, 2021, 61, 102245.	3.0	8
56	Functionalised calcium carbonate as a coformer to stabilize amorphous drugs by mechanochemical activation. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 155, 22-28.	4.3	7
57	Extrusion/spheronization of pectin-based formulations. II. Effect of additive concentration in the granulation liquid. AAPS PharmSciTech, 2001, 2, 63-72.	3.3	7
58	Co-administration of drugs with parenteral nutrition in the neonatal intensive care unitâ€"physical compatibility between three components. European Journal of Pediatrics, 2022, 181, 2685-2693.	2.7	6
59	Emulsion Stability of Different Intravenous Propofol Formulations in Simulated Co-Administration with Remifentanil Hydrochloride. Pharmaceutical Technology in Hospital Pharmacy, 2019, 4, 77-87.	0.4	5
60	Compressibility study of quaternary phospholipid blend monolayers. Colloids and Surfaces B: Biointerfaces, 2011, 85, 153-160.	5.0	4
61	Viscosity reduction of isotonic solutions of the photosensitizer TPCS2a by cyclodextrin complexation. Drug Development and Industrial Pharmacy, 2018, 44, 261-265.	2.0	2
62	Comparing Two Methods of Tablet Manipulation to Adjust the Warfarin Dose in Paediatric Care. Pharmaceutics, 2020, 12, 375.	4.5	2
63	Cell-based in vitro models for vaginal permeability studies. , 2016, , 115-128.		1
64	On the Drug-Loading Capacity of Pectin Powder for Direct Compression. AAPS PharmSciTech, 2012, 13, 601-604.	3.3	0
65	Chemometrics (PCA) in Pharmaceutics: Tablet Development, Manufacturing and Quality Assurance. , 0, , .		0