Krzysztof J Paluch

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Dry powders for oral inhalation free of lactose carrier particles. Advanced Drug Delivery Reviews, 2014, 75, 32-52.	13.7	172
2	Comparative Study of Different Methods for the Prediction of Drug–Polymer Solubility. Molecular Pharmaceutics, 2015, 12, 3408-3419.	4.6	111
3	Formation and Physicochemical Properties of Crystalline and Amorphous Salts with Different Stoichiometries Formed between Ciprofloxacin and Succinic Acid. Molecular Pharmaceutics, 2013, 10, 3640-3654.	4.6	72
4	Amorphous Polymeric Drug Salts as Ionic Solid Dispersion Forms of Ciprofloxacin. Molecular Pharmaceutics, 2017, 14, 2209-2223.	4.6	56
5	The influence of amorphization methods on the apparent solubility and dissolution rate of tadalafil. European Journal of Pharmaceutical Sciences, 2014, 62, 132-140.	4.0	55
6	Cocrystal habit engineering to improve drug dissolution and alter derived powder properties. Journal of Pharmacy and Pharmacology, 2016, 68, 665-677.	2.4	55
7	Self-assembled carrageenan/protamine polyelectrolyte nanoplexes—Investigation of critical parameters governing their formation and characteristics. Carbohydrate Polymers, 2015, 123, 339-349.	10.2	51
8	Molecular Dynamics, Physical Stability and Solubility Advantage from Amorphous Indapamide Drug. Molecular Pharmaceutics, 2013, 10, 3612-3627.	4.6	49
9	Polymorphism in Sulfadimidine/4-Aminosalicylic Acid Cocrystals: Solid-State Characterization and Physicochemical Properties. Journal of Pharmaceutical Sciences, 2015, 104, 1385-1398.	3.3	49
10	Molecular Origin of Enhanced Proton Conductivity in Anhydrous Ionic Systems. Journal of the American Chemical Society, 2015, 137, 1157-1164.	13.7	41
11	Exploring the assembly process and properties of novel crosslinker-free hyaluronate-based polyelectrolyte complex nanocarriers. International Journal of Pharmaceutics, 2012, 436, 75-87.	5.2	40
12	Observation of highly decoupled conductivity in protic ionic conductors. Physical Chemistry Chemical Physics, 2014, 16, 9123-9127.	2.8	37
13	Molecular Dynamics and Physical Stability of Amorphous Nimesulide Drug and Its Binary Drug–Polymer Systems. Molecular Pharmaceutics, 2016, 13, 1937-1946.	4.6	37
14	Freeze drying of polyelectrolyte complex nanoparticles: Effect of nanoparticle composition and cryoprotectant selection. International Journal of Pharmaceutics, 2018, 552, 27-38.	5.2	37
15	Decoupling of conductivity relaxation from structural relaxation in protic ionic liquids and general properties. Physical Chemistry Chemical Physics, 2013, 15, 9205.	2.8	36
16	Self-Assembled Hyaluronate/Protamine Polyelectrolyte Nanoplexes: Synthesis, Stability, Biocompatibility and Potential Use as Peptide Carriers. Journal of Biomedical Nanotechnology, 2014, 10, 3658-3673.	1.1	34
17	Solidâ€state characterization of novel active pharmaceutical ingredients: Cocrystal of a salbutamol hemiadipate salt with adipic acid (2:1:1) and salbutamol hemisuccinate salt. Journal of Pharmaceutical Sciences, 2011, 100, 3268-3283.	3.3	33
18	Heat induced evaporative antisolvent nanoprecipitation (HIEAN) of itraconazole. International Journal of Pharmaceutics, 2014, 471, 400-411.	5.2	32

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19	Steroid/mucokinetic hybrid nanoporous microparticles for pulmonary drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 604-613.	4.3	29
20	Phase Diagrams of Polymer-Dispersed Liquid Crystal Systems of Itraconazole/Component Immiscibility Induced by Molecular Anisotropy. Molecular Pharmaceutics, 2018, 15, 5192-5206.	4.6	27
21	Preparation and solid state characterisation of chlorothiazide sodium intermolecular self-assembly suprastructure. European Journal of Pharmaceutical Sciences, 2010, 41, 603-611.	4.0	22
22	Biopharmaceutical Characterization of Ciprofloxacin HCl–Ferrous Sulfate Interaction. Journal of Pharmaceutical Sciences, 2011, 100, 5174-5184.	3.3	19
23	Impact of process variables on the micromeritic and physicochemical properties of spray-dried porous microparticles, part I: introduction of a new morphology classification system. Journal of Pharmacy and Pharmacology, 2012, 64, 1570-1582.	2.4	18
24	Molecular structure studies of (1S,2S)-2-benzyl-2,3-dihydro-2-(1H-inden-2-yl)-1H-inden-1-ol. Journal of Molecular Structure, 2015, 1083, 286-299.	3.6	18
25	Biopharmaceutical characterisation of ciprofloxacin-metallic ion interactions: Comparative study into the effect of aluminium, calcium, zinc and iron on drug solubility and dissolution. Acta Pharmaceutica, 2014, 64, 77-88.	2.0	13
26	Preparation and characterisation of novel chlorothiazide potassium solid-state salt forms: Intermolecular self assembly suprastructures. European Journal of Pharmaceutical Sciences, 2011, 42, 220-229.	4.0	12
27	Impact of Alternative Solid State Forms and Specific Surface Area of High-Dose, Hydrophilic Active Pharmaceutical Ingredients on Tabletability. Molecular Pharmaceutics, 2013, 10, 3628-3639.	4.6	10
28	A novel approach to crystallisation of nanodispersible microparticles by spray drying for improved tabletability. International Journal of Pharmaceutics, 2012, 436, 873-876.	5.2	8
29	Optimisation of the self-assembly process: production of stable, alginate-based polyelectrolyte nanocomplexes with protamine. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	5
30	Impact of process variables on the micromeritic and physicochemical properties of spray-dried microparticles – Part II. Physicochemical characterisation of spray-dried materials. Journal of Pharmacy and Pharmacology, 2012, 64, 1583-1591.	2.4	4