

Renu Chadha

List of Publications by Year in descending order

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51
papers

1,129
citations

394421

19
h-index

414414

32
g-index

52
all docs

52
docs citations

52
times ranked

1555
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug “excipient compatibility screening” Role of thermoanalytical and spectroscopic techniques. Journal of Pharmaceutical and Biomedical Analysis, 2014, 87, 82-97.	2.8	176
2	Cocrystals of Hesperetin: Structural, Pharmacokinetic, and Pharmacodynamic Evaluation. Crystal Growth and Design, 2017, 17, 2386-2405.	3.0	75
3	Drug-Drug Multicomponent Solid Forms: Cocrystal, Coamorphous and Eutectic of Three Poorly Soluble Antihypertensive Drugs Using Mechanochemical Approach. AAPS PharmSciTech, 2017, 18, 2279-2290.	3.3	68
4	Artesunate-loaded chitosan/lecithin nanoparticles: Preparation, characterization, and <i>in vivo</i> studies. Drug Development and Industrial Pharmacy, 2012, 38, 1538-1546.	2.0	51
5	Chrysin cocrystals: Characterization and evaluation. Journal of Pharmaceutical and Biomedical Analysis, 2017, 134, 361-371.	2.8	47
6	Cocrystals of telmisartan: characterization, structure elucidation, <i>in vivo</i> and toxicity studies. CrystEngComm, 2014, 16, 8375-8389.	2.6	43
7	Characterization of solvatomorphs of methotrexate using thermoanalytical and other techniques. Acta Pharmaceutica, 2009, 59, 245-57.	2.0	38
8	Is Failure of Cocrystallization Actually a Failure? Eutectic Formation in Cocrystal Screening of Hesperetin. Journal of Pharmaceutical Sciences, 2017, 106, 2026-2036.	3.3	38
9	Preparation and Solid-State Characterization of Three Novel Multicomponent Solid Forms of Oxcarbazepine: Improvement in Solubility through Saccharin Cocrystal. Crystal Growth and Design, 2012, 12, 4211-4224.	3.0	34
10	Cocrystal of 5-Fluorouracil: Characterization and Evaluation of Biopharmaceutical Parameters. AAPS PharmSciTech, 2019, 20, 149.	3.3	33
11	Solvated Crystalline Forms of Nevirapine: Thermoanalytical and Spectroscopic Studies. AAPS PharmSciTech, 2010, 11, 1328-1339.	3.3	31
12	Valsartan inclusion by methyl- β -cyclodextrin: Thermodynamics, molecular modelling, Tween 80 effect and evaluation. Carbohydrate Polymers, 2014, 103, 300-309.	10.2	30
13	Exploring the potential of lecithin/chitosan nanoparticles in enhancement of antihypertensive efficacy of hydrochlorothiazide. Journal of Microencapsulation, 2012, 29, 805-812.	2.8	28
14	Novel cocrystals of gliclazide: characterization and evaluation. CrystEngComm, 2016, 18, 2275-2283.	2.6	27
15	Crystal Engineering: A Remedy To Tailor the Biopharmaceutical Aspects of Glibenclamide. Crystal Growth and Design, 2018, 18, 105-118.	3.0	26
16	Characterisation and evaluation of pharmaceutical solvates of Atorvastatin calcium by thermoanalytical and spectroscopic studies. Chemistry Central Journal, 2012, 6, 114.	2.6	24
17	Near-Infrared Spectroscopy: Effective Tool for Screening of Polymorphs in Pharmaceuticals. Applied Spectroscopy Reviews, 2015, 50, 565-583.	6.7	23
18	Daidzein cocrystals: An opportunity to improve its biopharmaceutical parameters. Heliyon, 2019, 5, e02669.	3.2	23

#	ARTICLE	IF	CITATIONS
19	An Insight into Thermodynamic Relationship Between Polymorphic Forms of Efavirenz. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2012, 15, 234.	2.1	22
20	Interaction of artesunate with β -cyclodextrin: Characterization, thermodynamic parameters, molecular modeling, effect of PEG on complexation and antimalarial activity. <i>Results in Pharma Sciences</i> , 2011, 1, 38-48.	4.2	19
21	Binding constants of inclusion complexes of nitroimidazoles with β -cyclodextrins in the absence and presence of PVP. <i>Thermochimica Acta</i> , 2007, 459, 111-115.	2.7	18
22	Multicomponent solid forms of felodipine: preparation, characterisation, physicochemical and <i>in-vivo</i> studies. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 254-264.	2.4	18
23	Antioxidant-Based Eutectics of Irbesartan: Viable Multicomponent Forms for the Management of Hypertension. <i>AAPS PharmSciTech</i> , 2018, 19, 1191-1204.	3.3	17
24	Cocrystals of diacerein: Towards the development of improved biopharmaceutical parameters. <i>International Journal of Pharmaceutics</i> , 2020, 574, 118942.	5.2	16
25	Sustainable synthesis of ambrisentan β -syringic acid cocrystal: employing mechanochemistry in the development of novel pharmaceutical solid form. <i>CrystEngComm</i> , 2020, 22, 2507-2516.	2.6	16
26	Emerging Multi-Drug Eutectics: Opportunities and Challenges. <i>AAPS PharmSciTech</i> , 2021, 22, 66.	3.3	13
27	Characterization of stress degradation products of duloxetine hydrochloride employing LC-UV/PDA and LC-MS/TOF studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 121, 39-55.	2.8	12
28	A new polymorph of ciprofloxacin saccharinate: Structural characterization and pharmaceutical profile. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 146, 7-14.	2.8	12
29	Characterization and Evaluation of Multi-Component Crystals of Hydrochlorothiazide. <i>Pharmaceutical Research</i> , 2014, 31, 2479-2489.	3.5	11
30	Novel polymorph of ambrisentan: Characterization and stability. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 102-109.	2.8	11
31	Studies on the Crystal forms of Pefloxacin: Preparation, Characterization, and Dissolution Profile. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 2637-2648.	3.3	10
32	Encapsulation of rifampicin by natural and modified β -cyclodextrins: characterization and thermodynamic parameters. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 67, 109-116.	1.6	10
33	Complexation of nevirapine with β -cyclodextrins in the presence and absence of Tween 80: characterization, thermodynamic parameters, and permeability flux. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 105, 1049-1059.	3.6	10
34	Characterization, quantification and stability of differently prepared amorphous forms of some oral hypoglycaemic agents. <i>Pharmaceutical Development and Technology</i> , 2013, 18, 504-514.	2.4	10
35	Identification and characterization of stress degradation products of dronedarone hydrochloride employing LC-UV/PDA, LC-MS/TOF and MS n studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 118, 139-148.	2.8	10
36	Implication of Coformer Structural Diversity on Cocrystallization Outcomes of Telmisartan with Improved Biopharmaceutical Performance. <i>AAPS PharmSciTech</i> , 2020, 21, 10.	3.3	10

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37	Characterization and in vivo efficacy of inclusion complexes of sulphadoxine with β -cyclodextrin: calorimetric and spectroscopic studies. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 71, 149-159.	1.6	9
38	Thermoanalytical and spectroscopic studies on different crystal forms of nevirapine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 2133-2142.	3.6	9
39	Crystal habit, characterization and pharmacological activity of various crystal forms of arteether. <i>Acta Pharmaceutica Sinica B</i> , 2011, 1, 129-135.	12.0	8
40	Supramolecular Cocrystals of Gliclazide: Synthesis, Characterization and Evaluation. <i>Pharmaceutical Research</i> , 2017, 34, 552-563.	3.5	8
41	Effect of hydrophilic polymer on complexing efficiency of cyclodextrins towards efavirenz-characterization and thermodynamic parameters. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 275-287.	1.6	7
42	What if Cocrystallization Fails for Neutral Molecules? Screening Offered Eutectics as Alternate Pharmaceutical Materials: Leflunomide-a Case Study. <i>Pharmaceutical Sciences</i> , 2019, 25, 235-243.	0.2	6
43	Engineering a Remedy to Modulate and Optimize Biopharmaceutical Properties of Rebamipide by Synthesizing New Cocrystal: In Silico and Experimental Studies. <i>Pharmaceutical Research</i> , 2021, 38, 2129-2145.	3.5	5
44	Conformational flexibility and packing plausibility of repaglinide polymorphs. <i>Journal of Molecular Structure</i> , 2018, 1157, 263-275.	3.6	4
45	Interaction Map Driven Cocrystallization of Ambrisentan: Structural and Biopharmaceutical Evaluation. <i>Crystal Growth and Design</i> , 2020, 20, 4612-4620.	3.0	4
46	Novel Pharmaceutical Cocrystals of Gefitinib: A Credible Upswing in Strategic Research to Ameliorate Its Biopharmaceutical Challenges. <i>Crystal Growth and Design</i> , 2022, 22, 2218-2229.	3.0	3
47	Implication of Differential Surface Anisotropy on Biopharmaceutical Performance of Polymorphic Forms of Ambrisentan. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3792-3802.	3.3	2
48	Pharmaceutical Cocrystals of Famotidine: Structural and Biopharmaceutical Evaluation. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 2788-2798.	3.3	2
49	Crystal Forms of Anti-HIV Drugs: Role of Recrystallization. , 0, , .		1
50	Evaluation of compatibility among artemether, pyrimethamine and sulphadoxine using analytical and isothermal calorimetry techniques. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 120, 759-769.	3.6	0
51	Exploring binding properties of gliclazide with human serum albumin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 130, 1613-1618.	3.6	0