

Ana Karina Chattah

List of Publications by Year in descending order

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829
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the Solubility and Solid-State Properties of Saccharin Salts of Fluoroquinolones. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 3788-3801.	3.3	48
2	Investigating Albendazole Desmotropes by Solid-State NMR Spectroscopy. <i>Molecular Pharmaceutics</i> , 2015, 12, 731-741.	4.6	42
3	NMR Characterization of Hydrate and Aldehyde Forms of Imidazole-2-carboxaldehyde and Derivatives. <i>Journal of Organic Chemistry</i> , 2010, 75, 3208-3213.	3.2	32
4	Supramolecular complexes of maltodextrin and furosemide polymorphs: a new approach for delivery systems. <i>Carbohydrate Polymers</i> , 2013, 94, 292-300.	10.2	32
5	NMR and IR characterization of the aluminium complexes of norfloxacin and ciprofloxacin fluoroquinolones. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 850-859.	1.9	31
6	Insights into Novel Supramolecular Complexes of Two Solid Forms of Norfloxacin and β -Cyclodextrin. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3717-3724.	3.3	30
7	Improving furosemide polymorphs properties through supramolecular complexes of β -cyclodextrin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 139-145.	2.8	30
8	New copper(II) complexes of polyampholyte and polyelectrolyte polymers: Solid-state NMR, FTIR, XRPD and thermal analyses. <i>Polymer</i> , 2008, 49, 5482-5489.	3.8	26
9	Solid-state Studies of the Crystalline/Amorphous Character in Linear Poly(ethylenimine) Tj ETQq1 1 0.784314 rgBT /Overlock 1	4.8	25
10	Clustering and decoherence of correlated spins under double quantum dynamics. <i>Physical Review A</i> , 2014, 90, .	2.5	24
11	Synthesis and characterization of novel polyampholyte and polyelectrolyte polymers containing imidazole, triazole or pyrazole. <i>Polymer</i> , 2012, 53, 1288-1297.	3.8	23
12	Generation and Stability of the gem-Diol Forms in Imidazole Derivatives Containing Carbonyl Groups. Solid-State NMR and Single-Crystal X-ray Diffraction Studies. <i>Journal of Physical Chemistry A</i> , 2018, 122, 601-609.	2.5	23
13	Enalapril: β -CD complex: Stability enhancement in solid state. <i>Carbohydrate Polymers</i> , 2011, 86, 716-721.	10.2	22
14	Solid-State Nuclear Magnetic Resonance in Pharmaceutical Compounds. <i>Annual Reports on NMR Spectroscopy</i> , 2014, , 221-269.	1.5	22
15	¹ H and ² H NMR Spin Lattice Relaxation Probing Water: PEG Molecular Dynamics in Solution. <i>Journal of Physical Chemistry B</i> , 2012, 116, 11953-11958.	2.6	17
16	Many-spin quantum dynamics during cross polarization in 8CB. <i>Journal of Chemical Physics</i> , 2003, 119, 7943-7951.	3.0	16
17	Insights into the coordination sphere of copper ion in polymers containing carboxylic acid and azole groups. <i>Polymer</i> , 2013, 54, 5214-5221.	3.8	16
18	Influence of β -cyclodextrin on the Properties of Norfloxacin Form A. <i>AAPS PharmSciTech</i> , 2015, 16, 683-691.	3.3	16

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19	gem-Diol and Hemiacetal Forms in Formylpyridine and Vitamin-B6-Related Compounds: Solid-State NMR and Single-Crystal X-ray Diffraction Studies. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7778-7785.	2.5	16
20	Quantum dynamics of excitations and decoherence in many-spin systems detected with Loschmidt echoes: its relation to their spreading through the Hilbert space. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150155.	3.4	15
21	Toward novel antiparasitic formulations: Complexes of Albendazole desmotropes and β -cyclodextrin. <i>Carbohydrate Polymers</i> , 2017, 164, 379-385.	10.2	15
22	NMR polarization echoes in a nematic liquid crystal. <i>Journal of Chemical Physics</i> , 2004, 121, 7313-7319.	3.0	14
23	Investigating a Soluble Pharmaceutical Salt: Albendazole Hydrochloride. <i>Crystal Growth and Design</i> , 2019, 19, 4538-4545.	3.0	14
24	Furosemide:Triethanolamine Salt as a Strategy To Improve the Biopharmaceutical Properties and Photostability of the Drug. <i>Crystal Growth and Design</i> , 2019, 19, 2060-2068.	3.0	14
25	Preparation of Chloramphenicol/Amino Acid Combinations Exhibiting Enhanced Dissolution Rates and Reduced Drug-Induced Oxidative Stress. <i>AAPS PharmSciTech</i> , 2017, 18, 2910-2918.	3.3	13
26	Inclusion complexes of β -cyclodextrin and polymorphs of mebendazole: Physicochemical characterization. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 330-338.	4.0	13
27	Experimental quantification of decoherence via the Loschmidt echo in a many spin system with scaled dipolar Hamiltonians. <i>Journal of Chemical Physics</i> , 2015, 143, 164308.	3.0	11
28	Improving the Stability and the Pharmaceutical Properties of Norfloxacin Form C Through Binary Complexes with β -Cyclodextrin. <i>AAPS PharmSciTech</i> , 2018, 19, 2255-2263.	3.3	11
29	Stability of furosemide polymorphs and the effects of complex formation with β -cyclodextrin and maltodextrin. <i>Carbohydrate Polymers</i> , 2016, 152, 598-604.	10.2	10
30	Emergent decoherence induced by quantum chaos in a many-body system: A Loschmidt echo observation through NMR. <i>Physical Review A</i> , 2022, 105, .	2.5	10
31	Exploring solid forms of oxytetracycline hydrochloride. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119496.	5.2	9
32	Radiofrequency-induced temperature increase as a function of cross polarization contact time in 8CB. <i>Magnetic Resonance in Chemistry</i> , 2002, 40, 772-776.	1.9	8
33	Solution and solid state properties of a set of procaine and procainamide derivatives. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 18, 337-348.	4.0	8
34	Water and Membrane Dynamics in Suspensions of Lipid Vesicles Functionalized with Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlqck 10 Tf 5	2.6	8
35	Application of 1-Dimensional and 2-Dimensional Solid-State Nuclear Magnetic Resonance Spectroscopy to the Characterization of Morphine, Morphine Hydrochloride, and Their Hydrates. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 3033-3040.	3.3	4
36	Evolution of multiple quantum coherences with scaled dipolar Hamiltonian. <i>Journal of Magnetic Resonance</i> , 2017, 281, 75-81.	2.1	3

#	ARTICLE	IF	CITATIONS
37	Evaluating ternary systems with oligosaccharides as a strategy to improve the biopharmaceutical properties of furosemide. <i>Materials Science and Engineering C</i> , 2020, 111, 110793.	7.3	2
38	A method for dynamical characterization and high resolution H1-NMR in dipolar coupled systems: Application to liquid crystals. <i>Journal of Chemical Physics</i> , 2006, 124, 124513.	3.0	1