

Frederick G Vogt

List of Publications by Year in descending order

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35
papers

1,859
citations

201674

27
h-index

361022

35
g-index

40
all docs

40
docs citations

40
times ranked

1908
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Quality-By-Design Analytical Methods. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 797-812.	3.3	198
2	Solid-State NMR Analysis of Organic Cocrystals and Complexes. <i>Crystal Growth and Design</i> , 2009, 9, 921-937.	3.0	174
3	Analysis of Amorphous Solid Dispersions Using 2D Solid-State NMR and ¹ H ρ Relaxation Measurements. <i>Molecular Pharmaceutics</i> , 2010, 7, 1667-1691.	4.6	162
4	Probing Hydrogen Bonding in Cocrystals and Amorphous Dispersions Using ¹⁴ N- ¹ H HMQC Solid-State NMR. <i>Molecular Pharmaceutics</i> , 2013, 10, 999-1007.	4.6	119
5	Probing intermolecular interactions and nitrogen protonation in pharmaceuticals by novel ¹⁵ N-edited and 2D ¹⁴ N- ¹ H solid-state NMR. <i>CrystEngComm</i> , 2012, 14, 2654.	2.6	85
6	Physical, Crystallographic, and Spectroscopic Characterization of a Crystalline Pharmaceutical Hydrate: Understanding the Role of Water. <i>Crystal Growth and Design</i> , 2006, 6, 2333-2354.	3.0	75
7	Advanced spray-dried design, physicochemical characterization, and aerosol dispersion performance of vancomycin and clarithromycin multifunctional controlled release particles for targeted respiratory delivery as dry powder inhalation aerosols. <i>International Journal of Pharmaceutics</i> , 2013, 455, 374-392.	5.2	73
8	Evolution of solid-state NMR in pharmaceutical analysis. <i>Future Medicinal Chemistry</i> , 2010, 2, 915-921.	2.3	55
9	A study of variable hydration states in topotecan hydrochloride. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 1080-1088.	2.8	53
10	A review of recent advances in mass spectrometric methods for gas-phase chiral analysis of pharmaceutical and biological compounds. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 69, 133-147.	2.8	53
11	¹⁷ O Solid-State NMR as a Sensitive Probe of Hydrogen Bonding in Crystalline and Amorphous Solid Forms of Diflunisal. <i>Molecular Pharmaceutics</i> , 2013, 10, 3433-3446.	4.6	51
12	Design, physicochemical characterization, and optimization of organic solution advanced spray-dried inhalable dipalmitoylphosphatidylcholine (DPPC) and dipalmitoylphosphatidylethanolamine poly(ethylene glycol) (DPPE-PEG) microparticles and nanoparticles for targeted respiratory nanomedicine delivery as dry powder inhalation aerosols. <i>International Journal of Nanomedicine</i> , 2013, 8, 275.	6.7	48
13	Preparation and Structural Characterization of Amorphous Spray-Dried Dispersions of Tenoxicam with Enhanced Dissolution. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 641-663.	3.3	46
14	Preparation, structural analysis, and properties of tenoxicam cocrystals. <i>International Journal of Pharmaceutics</i> , 2012, 436, 685-706.	5.2	45
15	Physicochemical characterization and aerosol dispersion performance of organic solution advanced spray-dried microparticulate/nanoparticulate antibiotic dry powders of tobramycin and azithromycin for pulmonary inhalation aerosol delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 52, 191-205.	4.0	45
16	Design, Characterization, and Aerosol Dispersion Performance Modeling of Advanced Spray-Dried Microparticulate/Nanoparticulate Mannitol Powders for Targeted Pulmonary Delivery as Dry Powder Inhalers. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2014, 27, 81-93.	1.4	44
17	2D Solid-State NMR Analysis of Inclusion in Drug-Cyclodextrin Complexes. <i>Molecular Pharmaceutics</i> , 2012, 9, 3357-3374.	4.6	39
18	Isomorphism, Disorder, and Hydration in the Crystal Structures of Racemic and Single-Enantiomer Carvedilol Phosphate. <i>Crystal Growth and Design</i> , 2010, 10, 2713-2733.	3.0	37

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19	Structural analysis of 5-fluorouracil and thymine solid solutions. <i>Journal of Molecular Structure</i> , 2009, 932, 16-30.	3.6	35
20	Characterization, selection, and development of an orally dosed drug polymorph from an enantiotropically related system. <i>International Journal of Pharmaceutics</i> , 2009, 366, 1-13.	5.2	32
21	Enantiotropically-related polymorphs of {4-(4-chloro-3-fluorophenyl)-2-[4-(methyloxy)phenyl]-1,3-thiazol-5-yl} acetic acid: Crystal structures and multinuclear solid-state NMR. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 4756-4782.	3.3	31
22	Solid-State NMR Analysis of a Boron-Containing Pharmaceutical Hydrochloride Salt. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3705-3716.	3.3	31
23	Advances in microscopy and complementary imaging techniques to assess the fate of drugs ex vivo in respiratory drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 344-356.	13.7	30
24	A Solid-State NMR Study of Amorphous Ezetimibe Dispersions in Mesoporous Silica. <i>Pharmaceutical Research</i> , 2013, 30, 2315-2331.	3.5	29
25	Design, Characterization, and Aerosol Dispersion Performance Modeling of Advanced Co-Spray Dried Antibiotics with Mannitol as Respirable Microparticles/Nanoparticles for Targeted Pulmonary Delivery as Dry Powder Inhalers. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2937-2949.	3.3	29
26	Solid-State NMR Analysis of a Complex Crystalline Phase of Ronacaleret Hydrochloride. <i>Journal of Physical Chemistry B</i> , 2014, 118, 10266-10284.	2.6	29
27	Structural analysis of polymorphism and solvation in tranilast. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 651-665.	3.3	28
28	Design, characterization, and aerosolization of organic solution advanced spray-dried moxifloxacin and ofloxacin dipalmitoylphosphatidylcholine (DPPC) microparticulate/nanoparticulate powders for pulmonary inhalation aerosol delivery. <i>International Journal of Nanomedicine</i> , 2013, 8, 3489.	6.7	28
29	Analysis of a Nanocrystalline Polymer Dispersion of Ebselen Using Solid-State NMR, Raman Microscopy, and Powder X-ray Diffraction. <i>Pharmaceutical Research</i> , 2012, 29, 1866-1881.	3.5	24
30	Formation and Characterization of Crystals Containing a Pleuromutilin Derivative, Succinic Acid and Water. <i>Crystal Growth and Design</i> , 2008, 8, 4120-4131.	3.0	23
31	Effect of Particle Size and Morphology on the Dehydration Mechanism of a Non-Stoichiometric Hydrate. <i>Crystal Growth and Design</i> , 2012, 12, 60-74.	3.0	22
32	Flow-Injection MS/MS for Gas-Phase Chiral Recognition and Enantiomeric Quantitation of a Novel Boron-Containing Antibiotic (GSK2251052A) by the Mass Spectrometric Kinetic Method. <i>Analytical Chemistry</i> , 2013, 85, 4869-4874.	6.5	22
33	Confocal UV and Resonance Raman Microscopic Imaging of Pharmaceutical Products. <i>Molecular Pharmaceutics</i> , 2013, 10, 4216-4228.	4.6	18
34	Detection of low-level PTFE contamination: An application of solid-state NMR to structure elucidation in the pharmaceutical industry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 401-405.	2.8	11
35	A Systematic Method Development Strategy for Quantitative Color Measurement in Drug Substances, Starting Materials, and Synthetic Intermediates. <i>Journal of Pharmaceutical Innovation</i> , 2011, 6, 217-231.	2.4	11