

Joseph W Lubach

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5174868/publications.pdf>

Version: 2024-02-01

41
papers

1,410
citations

304743

22
h-index

330143

37
g-index

43
all docs

43
docs citations

43
times ranked

1928
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of GDC-0853: A Potent, Selective, and Noncovalent Bruton's Tyrosine Kinase Inhibitor in Early Clinical Development. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2227-2245.	6.4	177
2	Mechanochromism of Piroxicam Accompanied by Intermolecular Proton Transfer Probed by Spectroscopic Methods and Solid-Phase Changes. <i>Journal of the American Chemical Society</i> , 2005, 127, 6641-6651.	13.7	136
3	Investigation of Drug-Excipient Interactions in Lapatinib Amorphous Solid Dispersions Using Solid-State NMR Spectroscopy. <i>Molecular Pharmaceutics</i> , 2015, 12, 857-866.	4.6	114
4	Investigation of the Effects of Pharmaceutical Processing Upon Solid-State NMR Relaxation Times and Implications to Solid-State Formulation Stability. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 777-787.	3.3	89
5	Significant Species Difference in Amide Hydrolysis of GDC-0834, a Novel Potent and Selective Bruton's Tyrosine Kinase Inhibitor. <i>Drug Metabolism and Disposition</i> , 2011, 39, 1840-1849.	3.3	69
6	Btk-specific inhibition blocks pathogenic plasma cell signatures and myeloid cell-associated damage in IFN γ -driven lupus nephritis. <i>JCI Insight</i> , 2017, 2, e90111.	5.0	65
7	Acid-Base Interactions of Polystyrene Sulfonic Acid in Amorphous Solid Dispersions Using a Combined UV/FTIR/XPS/ssNMR Study. <i>Molecular Pharmaceutics</i> , 2016, 13, 483-492.	4.6	56
8	Potent and selective Bruton's tyrosine kinase inhibitors: Discovery of GDC-0834. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1333-1337.	2.2	55
9	Characterization of Pharmaceutical Cocrystals and Salts by Dynamic Nuclear Polarization-Enhanced Solid-State NMR Spectroscopy. <i>Crystal Growth and Design</i> , 2018, 18, 2588-2601.	3.0	54
10	The Role of Lymphatic Transport on the Systemic Bioavailability of the Bcl-2 Protein Family Inhibitors Navitoclax (ABT-263) and ABT-199. <i>Drug Metabolism and Disposition</i> , 2014, 42, 207-212.	3.3	50
11	Impact of Method of Preparation of Amorphous Solid Dispersions on Mechanical Properties: Comparison of Coprecipitation and Spray Drying. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 870-879.	3.3	40
12	Solid-state NMR studies of pharmaceutical solids in polymer matrices. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 1504-1510.	3.7	38
13	Discovery of highly potent and selective Bruton's tyrosine kinase inhibitors: Pyridazinone analogs with improved metabolic stability. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 575-579.	2.2	34
14	Acid-base interactions in amorphous solid dispersions of lumefantrine prepared by spray-drying and hot-melt extrusion using X-ray photoelectron spectroscopy. <i>International Journal of Pharmaceutics</i> , 2016, 514, 456-464.	5.2	32
15	Rapid Characterization of Formulated Pharmaceuticals Using Fast MAS ^1H Solid-State NMR Spectroscopy. <i>Molecular Pharmaceutics</i> , 2019, 16, 3121-3132.	4.6	32
16	Multiple-sample probe for solid-state NMR studies of pharmaceuticals. <i>Solid State Nuclear Magnetic Resonance</i> , 2006, 29, 204-213.	2.3	31
17	A rational approach towards development of amorphous solid dispersions: Experimental and computational techniques. <i>International Journal of Pharmaceutics</i> , 2017, 519, 44-57.	5.2	31
18	Enhancing the resolution of ^1H and ^{13}C solid-state NMR spectra by reduction of anisotropic bulk magnetic susceptibility broadening. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 28153-28162.	2.8	29

#	ARTICLE	IF	CITATIONS
19	Fast Acquisition of Proton-Detected HETCOR Solid-State NMR Spectra of Quadrupolar Nuclei and Rapid Measurement of NH Bond Lengths by Frequency Selective HMQC and RESPDOR Pulse Sequences. <i>Chemistry - A European Journal</i> , 2020, 26, 7881-7888.	3.3	28
20	Discovery of Potent and Selective Tricyclic Inhibitors of Bruton's Tyrosine Kinase with Improved Druglike Properties. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 608-613.	2.8	26
21	Investigation of the Rat Model for Preclinical Evaluation of pH-Dependent Oral Absorption in Humans. <i>Molecular Pharmaceutics</i> , 2013, 10, 3997-4004.	4.6	25
22	Solid-State NMR Investigation of Drug-Excipient Interactions and Phase Behavior in Indomethacin-Eudragit E Amorphous Solid Dispersions. <i>Pharmaceutical Research</i> , 2018, 35, 65.	3.5	24
23	Characterization of the Particle Size and Polydispersity of Dicumarol Using Solid-State NMR Spectroscopy. <i>Molecular Pharmaceutics</i> , 2017, 14, 856-865.	4.6	20
24	<i>In Situ</i> Salt Formation during Melt Extrusion for Improved Chemical Stability and Dissolution Performance of a Meloxicam-Copovidone Amorphous Solid Dispersion. <i>Molecular Pharmaceutics</i> , 2018, 15, 1226-1237.	4.6	20
25	Effects of sucrose and mannitol on asparagine deamidation rates of model peptides in solution and in the solid state. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 1723-1735.	3.3	18
26	Properties and mechanisms of drug release from matrix tablets containing poly(ethylene oxide) and poly(acrylic acid) as release retardants. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 105, 97-105.	4.3	17
27	Magic angle spinning dynamic nuclear polarization solid-state NMR spectroscopy of ^13C -irradiated molecular organic solids. <i>Solid State Nuclear Magnetic Resonance</i> , 2022, 119, 101785.	2.3	13
28	Stereochemical Differences in Fluorocyclopropyl Amides Enable Tuning of Btk Inhibition and Off-Target Activity. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1588-1597.	2.8	12
29	<i>In Vitro</i> , <i>in Silico</i> , and <i>In Vivo</i> Assessments of Intestinal Precipitation and Its Impact on Bioavailability of a BCS Class 2 Basic Compound. <i>Molecular Pharmaceutics</i> , 2018, 15, 1607-1617.	4.6	11
30	Impact of Supramolecular Aggregation on the Crystallization Kinetics of Organic Compounds from the Supercooled Liquid State. <i>Molecular Pharmaceutics</i> , 2017, 14, 2126-2137.	4.6	10
31	Characterization of a Water-Solid Interaction in a Partially Ordered System. <i>Molecular Pharmaceutics</i> , 2013, 10, 4294-4300.	4.6	9
32	Interpolymer Complexation Between Polyox and Carbopol, and Its Effect on Drug Release From Matrix Tablets. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 2386-2396.	3.3	9
33	Carbon-Deuterium Rotational-Echo Double-Resonance NMR Spectroscopy of Lyophilized Aspartame Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 283-290.	3.3	7
34	Exploring Molecular Speciation and Crystallization Mechanism of Amorphous 2-Phenylamino Nicotinic Acid. <i>Pharmaceutical Research</i> , 2018, 35, 51.	3.5	6
35	Solid-state NMR Spectroscopy. , 2006, , 81-93.		4
36	Understanding Phase Behavior of Nearly Energetically Equivalent Polymorphs To Achieve Controlled Crystallization for a Nav1.7 Pain Inhibitor Compound. <i>Molecular Pharmaceutics</i> , 2018, 15, 5072-5080.	4.6	3

#	ARTICLE	IF	CITATIONS
37	Effect of Counterions on Dissolution of Amorphous Solid Dispersions Studied by Surface Area Normalized Dissolution. <i>Molecular Pharmaceutics</i> , 2021, 18, 3429-3438.	4.6	3
38	Solid-State Characterization of Novel Propylene Glycol Ester Solvates Isolated from Lipid Formulations. <i>Molecular Pharmaceutics</i> , 2015, 12, 2551-2557.	4.6	2
39	Utilizing Solid-State Techniques and Accelerated Conditions to Understand Particle Size Instability in Inhaled Drug Substances. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 3037-3046.	3.3	2
40	Attached Nitrogen Test by ¹³ C- ¹⁴ N Solid-State NMR Spectroscopy for the Structure Determination of Heterocyclic Isomers. <i>Organic Letters</i> , 2022, 24, 5635-5640.	4.6	2
41	Probing the Distribution of Water in a Multi-Component System by Solid-State NMR Spectroscopy. <i>Pharmaceutical Research</i> , 2016, 33, 2470-2480.	3.5	1