

Weike Su

List of Publications by Year in descending order

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97
papers

2,276
citations

257450

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citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of olmesartan medoxomil solid dispersion with sustained release performance by mechanochemical technology. <i>Drug Delivery and Translational Research</i> , 2022, 12, 589-602.	5.8	4
2	Preparation, physicochemical and pharmacological study of 10-hydroxycamptothecin solid dispersion with complexation agent α -xylan-nonanoic acid amphiphilic conjugates. <i>International Journal of Biological Macromolecules</i> , 2022, 204, 224-233.	7.5	3
3	Development of a continuous flow process for the synthesis of mesotrione. <i>Journal of Flow Chemistry</i> , 2022, 12, 197-205.	1.9	2
4	Revisiting aromatic diazotization and aryl diazonium salts in continuous flow: highlighted research during 2001-2021. <i>Reaction Chemistry and Engineering</i> , 2022, 7, 1247-1275.	3.7	18
5	Generation of aryl radicals from <i>in situ</i> activated homolytic scission: driving radical reactions by ball milling. <i>Green Chemistry</i> , 2022, 24, 4557-4565.	9.0	10
6	State of the art and applications in nanostructured biocatalysis. <i>Biotechnology and Biotechnological Equipment</i> , 2022, 36, 118-134.	1.3	7
7	Preparation of DNC Solid Dispersion by a Mechanochemical Method with Glycyrrhizic Acid and Polyvinylpyrrolidone to Enhance Bioavailability and Activity. <i>Polymers</i> , 2022, 14, 2037.	4.5	2
8	Mechanically induced solvent-free esterification method at room temperature. <i>RSC Advances</i> , 2021, 11, 5080-5085.	3.6	4
9	Liquid-Assisted Grinding Mechanochemistry in the Synthesis of Pharmaceuticals. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1246-1271.	4.3	170
10	Brønsted acid-catalyzed chlorination of aromatic carboxylic acids. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2021, 196, 685-689.	1.6	1
11	Solubility, Permeability, Anti-Inflammatory Action and In Vivo Pharmacokinetic Properties of Several Mechanochemically Obtained Pharmaceutical Solid Dispersions of Nimesulide. <i>Molecules</i> , 2021, 26, 1513.	3.8	12
12	Hydrogenation of nitroarenes in continuous flow with TPP/Raney Ni. <i>Journal of Flow Chemistry</i> , 2021, 11, 823-830.	1.9	6
13	Inositol hexanicotinate self-micelle solid dispersion is an efficient drug delivery system in the mouse model of non-alcoholic fatty liver disease. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120576.	5.2	6
14	Preparation of camptothecin micelles self-assembled from disodium glycyrrhizin and tannic acid with enhanced antitumor activity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 164, 75-85.	4.3	18
15	High yielding, one-step mechano-enzymatic hydrolysis of cellulose to cellulose nanocrystals without bulk solvent. <i>Bioresource Technology</i> , 2021, 331, 125015.	9.6	22
16	Mechanochemical Magnesium-Mediated Minisci C-H Alkylation of Pyrimidines with Alkyl Bromides and Chlorides. <i>Organic Letters</i> , 2021, 23, 6423-6428.	4.6	27
17	Preparation of astaxanthin micelles self-assembled by a mechanochemical method from hydroxypropyl β -cyclodextrin and glyceryl monostearate with enhanced antioxidant activity. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120799.	5.2	18
18	NMR-based Metabolomic Techniques Identify the Anticancer Effects of Three Polyphyllins in HepG2 Cells. <i>Current Pharmaceutical Analysis</i> , 2021, 17, .	0.6	0

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19	Insight into Fundamental Rules of Phenylenediamines Selective Monoacylation by the Comparisons of Kinetic Characteristics in Microreactor. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 1336.	1.9	1
20	Two approaches for the synthesis of levo-praziquantel. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4507-4514.	2.8	10
21	Mechanochemical Asymmetric Cross-Dehydrogenative Coupling Reaction: Liquid-Assisted Grinding Enables Reaction Acceleration and Enantioselectivity Control. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 893-902.	4.3	21
22	Palladium-Catalyzed C-H/C-H Cross-Coupling by Mechanochemistry: Direct Alkenylation and Heteroarylation of N1-Protected 1 <i>H</i> -Indazoles. <i>Journal of Organic Chemistry</i> , 2020, 85, 1009-1021.	3.2	31
23	Synthesis of a Crizotinib Intermediate via Highly Efficient Catalytic Hydrogenation in Continuous Flow. <i>Organic Process Research and Development</i> , 2020, 24, 2252-2259.	2.7	15
24	Selective hydrogenation of nitroaromatics to <i>N</i> -arylhydroxylamines in a micropacked bed reactor with passivated catalyst. <i>RSC Advances</i> , 2020, 10, 28585-28594.	3.6	4
25	Continuous-flow double diazotization for the synthesis of <i>m</i> -difluorobenzene via Balz-Schiemann reaction. <i>Journal of Flow Chemistry</i> , 2020, 10, 589-596.	1.9	8
26	Dinitration of <i>o</i> -toluic acid in continuous-flow: process optimization and kinetic study. <i>Journal of Flow Chemistry</i> , 2020, 10, 429-436.	1.9	10
27	Mechanochemical cleavage of lignin models and lignin <i>in situ</i> oxidation and a subsequent base-catalyzed strategy. <i>Green Chemistry</i> , 2020, 22, 3489-3494.	9.0	31
28	Improving the anticancer activity of platinum(IV) prodrugs using a dual-targeting strategy with a dichloroacetate axial ligand. <i>RSC Advances</i> , 2019, 9, 22240-22247.	3.6	11
29	Mechanochemical Oxidative Heck Coupling of Activated and Unactivated Alkenes: A Chemo-, Regio- and Stereo-Controlled Synthesis of Alkenylbenzenes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5133-5139.	4.3	20
30	Preparation, physicochemical and pharmacological study of curcumin solid dispersion with an arabinogalactan complexation agent. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 158-166.	7.5	30
31	Green and catalyst-free synthesis of deoxyarbutin in continuous-flow. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 927-931.	3.7	7
32	Effects of anthraquinones from <i>Cassia occidentalis</i> L. on ovalbumin-induced airways inflammation in a mouse model of allergic asthma. <i>Journal of Ethnopharmacology</i> , 2018, 221, 1-9.	4.1	33
33	Kilogram-Scale Synthesis of 2,4-Dichloro-5-fluorobenzoic Acid by Air Oxidation under the Continuous-Flow Process. <i>Organic Process Research and Development</i> , 2018, 22, 252-256.	2.7	10
34	Extraction, partial characterization and bioactivity of polysaccharides from <i>Senecio scandens</i> Buch.-Ham. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 535-543.	7.5	14
35	Preparation of curcumin self-micelle solid dispersion with enhanced bioavailability and cytotoxic activity by mechanochemistry. <i>Drug Delivery</i> , 2018, 25, 198-209.	5.7	102
36	Conversion of 2,4-difluoroaniline to 1,3-difluorobenzene using a continuous-flow reactor. <i>Journal of Flow Chemistry</i> , 2018, 8, 51-57.	1.9	10

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37	A continuous-flow procedure for the synthesis of 4-Benzylidene-pyrazol-5-one derivatives. <i>Journal of Flow Chemistry</i> , 2018, 8, 29-34.	1.9	3
38	One-Pot Cascade Heterocyclization of $\hat{1}^3$ - and $\hat{1}^2$ -Ketomalononitriles to 2,4-Dichloro-Substituted Pyrano[2,3-d]pyrimidines and Furo[2,3-d]pyrimidines Mediated by Triphosgene and Triphenylphosphine Oxide. <i>Journal of Organic Chemistry</i> , 2018, 83, 6423-6431.	3.2	15
39	Mechanochemical preparation of kaempferol intermolecular complexes for enhancing the solubility and bioavailability. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1924-1932.	2.0	15
40	Physicochemical and Toxic Properties of Novel Genipin Drug Delivery Systems Prepared by Mechanochemistry. <i>Current Drug Delivery</i> , 2018, 15, 727-736.	1.6	4
41	A Fully Continuous-Flow Process for the Synthesis of <i>p</i> -Cresol: Impurity Analysis and Process Optimization. <i>Organic Process Research and Development</i> , 2017, 21, 1644-1652.	2.7	26
42	Cobalt(III)-Catalyzed Fast and Solvent-Free C-H Allylation of Indoles Using Mechanochemistry. <i>Journal of Organic Chemistry</i> , 2017, 82, 10665-10672.	3.2	75
43	Copper-Catalyzed Cyclization for Access to 6 <i>H</i> -Chromeno[4,3- <i>b</i>]quinolin-6-ones Employing DMF as the Carbon Source. <i>Journal of Organic Chemistry</i> , 2017, 82, 9047-9053.	3.2	43
44	Encaging palladium(0) in layered double hydroxide: A sustainable catalyst for solvent-free and ligand-free Heck reaction in a ball mill. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 1661-1668.	2.2	14
45	Selective Extraction of Gardenia Yellow and Geniposide from <i>Gardenia jasminoides</i> by Mechanochemistry. <i>Molecules</i> , 2016, 21, 540.	3.8	19
46	Selective Extraction of Flavonoids from <i>Sophora flavescens</i> Ait. by Mechanochemistry. <i>Molecules</i> , 2016, 21, 989.	3.8	16
47	Investigation the inclusion complexes of valsartan with polysaccharide arabinogalactan from larch <i>Larix sibirica</i> and (2-hydroxypropyl)- $\hat{1}^2$ -cyclodextrin: preparation, characterization and physicochemical properties. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 85, 93-104.	1.6	10
48	Extraction, characterization, and biological activity of polysaccharides from <i>Sophora flavescens</i> Ait.. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 459-467.	7.5	26
49	A Novel Strategy for the Synthesis of Bromo-Substituted Cholestenone and its New Application to a Synthesis of 11 \pm -Hydroxycholesterol. <i>Journal of Chemical Research</i> , 2016, 40, 407-409.	1.3	1
50	Continuous-Flow Diazotization for Efficient Synthesis of Methyl 2-(Chlorosulfonyl)benzoate: An Example of Inhibiting Parallel Side Reactions. <i>Organic Process Research and Development</i> , 2016, 20, 2116-2123.	2.7	17
51	A Fast and Reliable UPLC-PAD Fingerprint Analysis of <i>Chimonanthus salicifolius</i> Combined with Chemometrics Methods. <i>Journal of Chromatographic Science</i> , 2016, 54, 1213-1219.	1.4	8
52	Multi-constituent determination and fingerprint analysis of <i>Scutellaria indica</i> L. using ultra high performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 3704-3711.	2.5	4
53	Preparation of nanosized Fluticasone Propionate nasal spray with improved stability and uniformity. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2015, 21, 457-464.	0.7	2
54	Improvement on solubility of fluticasone propionate with cyclodextrins by mechanochemical activation. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 799-806.	0.2	0

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55	Homogenate extraction of gardenia yellow pigment from <i>Gardenia Jasminoides</i> Ellis fruit using response surface methodology. <i>Journal of Food Science and Technology</i> , 2014, 51, 1575-1581.	2.8	33
56	A Rapid UPLC-PAD Fingerprint Analysis of <i>Chrysanthemum morifolium</i> Ramat Combined with Chemometrics Methods. <i>Food Analytical Methods</i> , 2014, 7, 197-204.	2.6	20
57	Partial characterization, antioxidant and antitumor activities of polysaccharides from <i>Philomycusbilineatus</i> . <i>International Journal of Biological Macromolecules</i> , 2014, 65, 573-580.	7.5	25
58	Continuous flow reactor for Balz-Schiemann reaction: a new procedure for the preparation of aromatic fluorides. <i>Tetrahedron Letters</i> , 2013, 54, 1261-1263.	1.4	53
59	Synthesis and Antitumor Activity of Novel Coumarin Derivatives via a Three-component Reaction in Water. <i>Chinese Journal of Chemistry</i> , 2013, 31, 507-514.	4.9	57
60	Synthesis of Quinolines by <i>N</i> -Deformylation and Aromatization via Solvent-Free, High-Speed Ball Milling. <i>Synthetic Communications</i> , 2013, 43, 361-374.	2.1	16
61	Separation of avermectin components from <i>Streptomyces avermitilis</i> extraction using high-speed counter-current chromatography. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2013, 19, 563-571.	0.7	1
62	Highly Efficient C-N Bond Forming Reactions in Water Catalyzed by Copper(I) Iodide with Calix[4]arene Supported Amino Acid Ionic Liquid. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2394-2400.	4.9	15
63	A Continuous Kilogram-Scale Process for the Manufacture of <i>o</i> -Difluorobenzene. <i>Organic Process Research and Development</i> , 2012, 16, 1669-1672.	2.7	62
64	Palladium-Catalyzed Aerobic Oxidative Coupling of Acyl Chlorides with Arylboronic Acids. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2117-2122.	4.3	23
65	A Novel Method for One-pot Synthesis of Furo[3,2- <i>c</i>]coumarin Derivatives from 4-Hydroxycoumarin and Arylglyoxal under Microwave Irradiation. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1845-1850.	4.9	4
66	Solvent-Free Cross-Dehydrogenative Coupling Reactions under High Speed Ball-Milling Conditions Applied to the Synthesis of Functionalized Tetrahydroisoquinolines. <i>Journal of Organic Chemistry</i> , 2011, 76, 9144-9150.	3.2	151
67	Basic Ionic Liquid as Catalyst for the Efficient and Green Synthesis of 2-Amino-3-nitrobenzotriazoles in Ethanol. <i>Synthetic Communications</i> , 2011, 41, 1410-1420.	2.1	11
68	Efficient One-Pot Condensation of 1-Naphthol, Aldehydes, and Cyclic 1,3-Dicarbonyl Compounds Catalyzed by <i>p</i> -TSA Under Solvent-Free and Sonication Conditions. <i>Synthetic Communications</i> , 2010, 40, 1029-1039.	2.1	12
69	Recent Progress in the Use of Vilsmeier-Type Reagents. <i>Organic Preparations and Procedures International</i> , 2010, 42, 503-555.	1.3	51
70	Mild and Efficient Method for Synthesis of Eaminones Using Ytterbium Triflate as Catalyst. <i>Synthetic Communications</i> , 2010, 40, 2506-2512.	2.1	6
71	A Novel and Efficient Reaction of Imidazolidin-2-one and <i>N</i> -Acylbenzotriazoles: A Facile Synthesis of 1-Acylimidazolidin-2-one. <i>Synthetic Communications</i> , 2010, 40, 3669-3677.	2.1	11
72	Synthesis and Biological Activities of New Chiral Imidazolinone Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 185, 117-128.	1.6	4

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73	Mechanically activated synthesis of 1,3,5-triaryl-2-pyrazolines by high speed ball milling. <i>Green Chemistry</i> , 2009, 11, 163.	9.0	58
74	Intramolecular Cyclization of α -Aminoaldehydes by Halomethyleniminium Salts Derived from BTC/DMF. <i>Organic Preparations and Procedures International</i> , 2009, 41, 156-161.	1.3	3
75	Approach to Synthesis of α -Enamino Ketones and Pyrroles Catalyzed by Gallium(III) Triflate Under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2009, 39, 4180-4198.	2.1	24
76	Mechanically Activated Solid-State Synthesis of Flavones by High-Speed Ball Milling. <i>Synthetic Communications</i> , 2009, 39, 4199-4211.	2.1	25
77	Recent Developments in the Use of bis-(Trichloromethyl) Carbonate in Synthesis. <i>Organic Preparations and Procedures International</i> , 2009, 41, 93-141.	1.3	15
78	A facile synthesis of flavones catalysed by gallium(III) triflate. <i>Journal of Chemical Research</i> , 2009, 2009, 27-29.	1.3	9
79	A convenient synthesis of α -(1,2,4-triazol-5-yl) α -(1,4-benzothiazine derivatives). <i>Heteroatom Chemistry</i> , 2008, 19, 332-336.	0.7	5
80	Dramatically Accelerated Addition Under Solvent-Free Conditions: An Efficient Synthesis of (<i>E</i>)-1,2,4-Triazole-Substituted Alkenes from Baylis-Hillman Acetates. <i>Synthetic Communications</i> , 2008, 38, 3291-3302.	2.1	8
81	Gallium Trichloride-Promoted Highly Regioselective Ring Opening of Epoxides with NH_4SCN and NaN_3 in Water. <i>Synthetic Communications</i> , 2008, 38, 1855-1865.	2.1	11
82	Unexpectedly High Activity of $\text{Zn}(\text{OTf})_2 \cdot 6\text{H}_2\text{O}$ in Catalytic Friedel-Crafts Acylation Reaction. <i>Synthetic Communications</i> , 2008, 38, 255-264.	2.1	23
83	Europium Triflate-Catalyzed One-Pot Synthesis of 2,4,5-Trisubstituted 1-Hydroimidazoles via a Three-Component Condensation. <i>Synthetic Communications</i> , 2007, 37, 3301-3309.	2.1	37
84	$\text{Y}(\text{OTf})_3$ -Catalyzed, One-Pot Synthesis of 1,2,4-Oxadiazole Derivatives. <i>Synthetic Communications</i> , 2007, 37, 4439-4452.	2.1	9
85	Chemoselective Synthesis of Asymmetrical Carbonate from Alcohol and Dimethyl Carbonate Catalyzed by Ytterbium(III) Triflate. <i>Synthetic Communications</i> , 2007, 37, 645-651.	2.1	7
86	First Catalytic and Green Synthesis of Aryl-(Z)-vinyl Chlorides and Its Plausible Addition-Elimination Mechanism. <i>Organic Letters</i> , 2007, 9, 993-996.	4.6	53
87	A General and Efficient Method for the Selective Synthesis of α -Hydroxy Sulfides and α -Hydroxy Sulfoxides Catalyzed by Gallium(III) Triflate. <i>Journal of Organic Chemistry</i> , 2007, 72, 4524-4527.	3.2	72
88	Eco-friendly synthesis of 2,3-dihydroquinazolin-4(1H)-ones in ionic liquids or ionic liquid-water without additional catalyst. <i>Green Chemistry</i> , 2007, 9, 972.	9.0	224
89	Erlenmeyer Synthesis for Azlactones Catalyzed by Ytterbium(III) Triflate under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2006, 36, 3447-3453.	2.1	29
90	Ytterbium(III) Triflate-Catalyzed Stereoselective Synthesis of α -Lactams via [2+2] Cyclocondensation in Ionic Liquid. <i>Synthetic Communications</i> , 2006, 36, 3167-3174.	2.1	12

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91	Mild and Convenient Synthesis of 1,2-Dihydroquinolines from Anilines and Acetone Catalyzed by Ytterbium(III) Triflate in Ionic Liquids. <i>Synthetic Communications</i> , 2006, 36, 3065-3073.	2.1	11
92	Copper Triflate-Catalyzed Cross-Aldol Condensation: A Facile Synthesis of α,β -Unsaturated Bis(Substituted) Tj ETQq0,0,0 rgBT /Overlock 1	2.1	25
93	RECENT ADVANCES IN THE CHEMISTRY OF TRICHLOROMETHYL CHLOROFORMATE AND bis-(TRICHLOROMETHYL) CARBONATE. <i>Organic Preparations and Procedures International</i> , 2004, 36, 499-547.	1.3	54
94	The preparation of 3-substituted 1-chlorocarbonyl-imidazolidin-2-ones using bis(trichloromethyl) carbonate. <i>Journal of Chemical Research</i> , 2000, 2000, 440-441.	1.3	6
95	A NOVEL SYNTHESIS OF 3-SUBSTITUTED MDAZOLIDIN-2-ONE-1-CARBONYL CHLORIDES. <i>Organic Preparations and Procedures International</i> , 2000, 32, 498-501.	1.3	2
96	Improving the reaction efficiency of condensation amidation of piperazine with benzoic acid based on kinetics study in microreactors. <i>Journal of Flow Chemistry</i> , 0, , 1.	1.9	2
97	Metal-free catalyzed aerobic oxidation of 2-nitro-4-methylsulfone toluene to 2-nitro-4-methylsulfonylbenzoic acid using a continuous-flow reactor. <i>Journal of Flow Chemistry</i> , 0, , 1.	1.9	1