Weike Su

List of Publications by Year
in descending order

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97 papers	2,276 citations	257450 24 h-index	254184 43 g-index
97 all docs	97 docs citations	97 times ranked	2385 citing authors

#	Article	IF	Citations
1	Eco-friendly synthesis of 2,3-dihydroquinazolin-4(1H)-ones in ionic liquids or ionic liquidâ€“water without additional catalyst. Green Chemistry, 2007, 9, 972.	9.0	224
2	Liquidâ€Assisted Grinding Mechanochemistry in the Synthesis of Pharmaceuticals. Advanced Synthesis and Catalysis, 2021, 363, 1246-1271.	4.3	170
3	Solvent-Free Cross-Dehydrogenative Coupling Reactions under High Speed Ball-Milling Conditions Applied to the Synthesis of Functionalized Tetrahydroisoquinolines. Journal of Organic Chemistry, 2011, 76, 9144-9150.	3.2	151
4	Preparation of curcumin self-micelle solid dispersion with enhanced bioavailability and cytotoxic activity by mechanochemistry. Drug Delivery, 2018, 25, 198-209.	5.7	102
5	Cobalt(III)-Catalyzed Fast and Solvent-Free Câ€“H Allylation of Indoles Using Mechanochemistry. Journal of Organic Chemistry, 2017, 82, 10665-10672.	3.2	75
6	A General and Efficient Method for the Selective Synthesis of Î²-Hydroxy Sulfides and Î²-Hydroxy Sulfoxides Catalyzed by Gallium(III) Triflate. Journal of Organic Chemistry, 2007, 72, 4524-4527.	3.2	72
7	A Continuous Kilogram-Scale Process for the Manufacture of o-Difluorobenzene. Organic Process Research and Development, 2012, 16, 1669-1672.	2.7	62
8	Mechanically activated synthesis of 1,3,5-triaryl-2-pyrazolines by high speed ball milling. Green Chemistry, 2009, 11, 163.	9.0	58
9	Synthesis and Antitumor Activity of Novel Coumarin Derivatives via a Threeâ€component Reaction in Water. Chinese Journal of Chemistry, 2013, 31, 507-514.	4.9	57
10	RECENT ADVANCES IN THE CHEMISTRY OF TRICHLOROMETHYL CHLOROFORMATE ANDbis-(TRICHLOROMETHYL) CARBONATE. Organic Preparations and Procedures International, 2004, 36, 499-547.	1.3	54
11	First Catalytic and Green Synthesis of Aryl-(Z)-vinyl Chlorides and Its Plausible Additionâ^'Elimination Mechanism. Organic Letters, 2007, 9, 993-996.	4.6	53
12	Continuous flow reactor for Balzâ€“Schiemann reaction: a new procedure for the preparation of aromatic fluorides. Tetrahedron Letters, 2013, 54, 1261-1263.	1.4	53
13	Recent Progress in the Use of Vilsmeier-Type Reagents. Organic Preparations and Procedures International, 2010, 42, 503-555.	1.3	51
14	Copper-Catalyzed Cyclization for Access to 6H-Chromeno[4,3-b]quinolin-6-ones Employing DMF as the Carbon Source. Journal of Organic Chemistry, 2017, 82, 9047-9053.	3.2	43
15	Europium Triflateâ€“Catalyzed Oneâ€Pot Synthesis of 2,4,5â€Trisubstitutedâ€1Hâ€imidazoles via a Threeâ€component Condensation. Synthetic Communications, 2007, 37, 3301-3309.	2.1	37
16	Homogenate extraction of gardenia yellow pigment from Gardenia Jasminoides Ellis fruit using response surface methodology. Journal of Food Science and Technology, 2014, 51, 1575-1581.	2.8	33
17	Effects of anthraquinones from Cassia occidentalis L. on ovalbumin-induced airways inflammation in a mouse model of allergic asthma. Journal of Ethnopharmacology, 2018, 221, 1-9.	4.1	33
18	Palladium-Catalyzed Câ€“H/Câ€“H Cross-Coupling by Mechanochemistry: Direct Alkenylation and Heteroarylation of N1-Protected 1H-Indazoles. Journal of Organic Chemistry, 2020, 85, 1009-1021.	3.2	31

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19	Mechanochemical cleavage of lignin models and lignin via oxidation and a subsequent base-catalyzed strategy. Green Chemistry, 2020, 22, 3489-3494.	9.0	31
20	Preparation, physicochemical and pharmacological study of curcumin solid dispersion with an arabinogalactan complexation agent. International Journal of Biological Macromolecules, 2019, 128, 158-166.	7.5	30
21	Erlenmeyer Synthesis for Azlactones Catalyzed by Ytterbium(III) Triflate under Solventâ€Free Conditions. Synthetic Communications, 2006, 36, 3447-3453.	2.1	29
22	Mechanochemical Magnesium-Mediated Minisci Câ€“H Alkylation of Pyrimidines with Alkyl Bromides and Chlorides. Organic Letters, 2021, 23, 6423-6428.	4.6	27
23	Extraction, characterization, and biological activity of polysaccharides from Sophora flavescens Ait.. International Journal of Biological Macromolecules, 2016, 93, 459-467.	7.5	26
24	A Fully Continuous-Flow Process for the Synthesis of p-Cresol: Impurity Analysis and Process Optimization. Organic Process Research and Development, 2017, 21, 1644-1652.	2.7	26
25	Copper Triflateâ€“Catalyzed Crossâ€Aldol Condensation: A Facile Synthesis of Î±,Î±â€²â€Bis(Substituted) Tj ETQq1 1 0.784314 rgBT	2.1	25
26	Mechanically Activated Solid-State Synthesis of Flavones by High-Speed Ball Milling. Synthetic Communications, 2009, 39, 4199-4211.	2.1	25
27	Partial characterization, antioxidant and antitumor activities of polysaccharides from Philomycusbilineatus. International Journal of Biological Macromolecules, 2014, 65, 573-580.	7.5	25
28	Approach to Synthesis of Î²-Enamino Ketones and Pyrroles Catalyzed by Gallium(III) Triflate Under Solvent-Free Conditions. Synthetic Communications, 2009, 39, 4180-4198.	2.1	24
29	Unexpectedly High Activity of Zn(OTf)2ÂÂ·Â6H2O in Catalytic Friedelâ€“Crafts Acylation Reaction. Synthetic Communications, 2008, 38, 255-264.	2.1	23
30	Palladiumâ€Catalyzed Aerobic Oxidative Coupling of Acyl Chlorides with Arylboronic Acids. Advanced Synthesis and Catalysis, 2012, 354, 2117-2122.	4.3	23
31	High yielding, one-step mechano-enzymatic hydrolysis of cellulose to cellulose nanocrystals without bulk solvent. Bioresource Technology, 2021, 331, 125015.	9.6	22
32	Mechanochemical Asymmetric Crossâ€Dehydrogenative Coupling Reaction: Liquidâ€Assisted Grinding Enables Reaction Acceleration and Enantioselectivity Control. Advanced Synthesis and Catalysis, 2020, 362, 893-902.	4.3	21
33	A Rapid UPLC-PAD Fingerprint Analysis of Chrysanthemum morifolium Ramat Combined with Chemometrics Methods. Food Analytical Methods, 2014, 7, 197-204.	2.6	20
34	Mechanochemical Oxidative Heck Coupling of Activated and Unactivated Alkenes: A Chemoâ€, Regioâ€•and Stereoâ€Controlled Synthesis of Alkenylbenzenes. Advanced Synthesis and Catalysis, 2019, 361, 5133-5139.	4.3	20
35	Selective Extraction of Gardenia Yellow and Geniposide from Gardenia jasminoides by Mechanochemistry. Molecules, 2016, 21, 540.	3.8	19
36	Preparation of camptothecin micelles self-assembled from disodium glycyrrhizin and tannic acid with enhanced antitumor activity. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 164, 75-85.	4.3	18

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37	Preparation of astaxanthin micelles self-assembled by a mechanochemical method from hydroxypropyl Î²-cyclodextrin and glyceryl monostearate with enhanced antioxidant activity. International Journal of Pharmaceutics, 2021, 605, 120799.	5.2	18
38	Revisiting aromatic diazotization and aryl diazonium salts in continuous flow: highlighted research during 2001â€“2021. Reaction Chemistry and Engineering, 2022, 7, 1247-1275.	3.7	18
39	Continuous-Flow Diazotization for Efficient Synthesis of Methyl 2-(Chlorosulfonyl)benzoate: An Example of Inhibiting Parallel Side Reactions. Organic Process Research and Development, 2016, 20, 2116-2123.	2.7	17
40	Synthesis of Quinolines byN-Deformylation and Aromatization via Solvent-Free, High-Speed Ball Milling. Synthetic Communications, 2013, 43, 361-374.	2.1	16
41	Selective Extraction of Flavonoids from Sophora flavescens Ait. by Mechanochemistry. Molecules, 2016, 21, 989.	3.8	16
42	Recent Developments in the Use ofbis-(Trichloromethyl) Carbonate in Synthesis. Organic Preparations and Procedures International, 2009, 41, 93-141.	1.3	15
43	Highly Efficient Cï£¿N Bond Forming Reactions in Water Catalyzed by Copper(I) Iodide with Calix[4]arene Supported Amino Acid Ionic Liquid. Chinese Journal of Chemistry, 2012, 30, 2394-2400.	4.9	15
44	One-Pot Cascade Heterocyclization of Î³- and Î²-Ketomalononitriles to 2,4-Dichloro-Substituted Pyrano[2,3-d]pyrimidines and Furo[2,3-d]pyrimidines Mediated by Triphosgene and Triphenylphosphine Oxide. Journal of Organic Chemistry, 2018, 83, 6423-6431.	3.2	15
45	Mechanochemical preparation of kaempferol intermolecular complexes for enhancing the solubility and bioavailability. Drug Development and Industrial Pharmacy, 2018, 44, 1924-1932.	2.0	15
46	Synthesis of a Crizotinib Intermediate via Highly Efficient Catalytic Hydrogenation in Continuous Flow. Organic Process Research and Development, 2020, 24, 2252-2259.	2.7	15
47	Encaging palladium(0) in layered double hydroxide: A sustainable catalyst for solvent-free and ligand-free Heck reaction in a ball mill. Beilstein Journal of Organic Chemistry, 2017, 13, 1661-1668.	2.2	14
48	Extraction, partial characterization and bioactivity of polysaccharides from Senecio scandens Buch.-Ham. International Journal of Biological Macromolecules, 2018, 109, 535-543.	7.5	14
49	Ytterbium(III) Triflateâ€“Catalyzed Stereoselective Synthesis of Î²â€Lactams via [2+2] Cyclocondensation in Ionic Liquid. Synthetic Communications, 2006, 36, 3167-3174.	2.1	12
50	Efficient One-Pot Condensation of Î²-Naphthol, Aldehydes, and Cyclic 1,3-Dicarbonyl Compounds Catalyzed by p-TSA Under Solvent-Free and Sonication Conditions. Synthetic Communications, 2010, 40, 1029-1039.	2.1	12
51	Solubility, Permeability, Anti-Inflammatory Action and In Vivo Pharmacokinetic Properties of Several Mechanochemically Obtained Pharmaceutical Solid Dispersions of Nimesulide. Molecules, 2021, 26, 1513.	3.8	12
52	Mild and Convenient Synthesis of 1,2â€Dihydroquinolines from Anilines and Acetone Catalyzed by Ytterbium(III) Triflate in Ionic Liquids. Synthetic Communications, 2006, 36, 3065-3073.	2.1	11
53	Gallium Trichlorideâ€“Promoted Highly Regioselective Ring Opening of Epoxides with NH4SCN and NaN3in Water. Synthetic Communications, 2008, 38, 1855-1865.	2.1	11
54	A Novel and Efficient Reaction of Imidazolidin-2-one andN-Acylbenzotriazoles: A Facile Synthesis of 1-Acylimidazolidin-2-one. Synthetic Communications, 2010, 40, 3669-3677.	2.1	11

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55	Basic Ionic Liquid as Catalyst for the Efficient and Green Synthesis of 2-Amino-3-nitrobenzonitriles in Ethanol. Synthetic Communications, 2011, 41, 1410-1420.	2.1	11
56	Improving the anticancer activity of platinum(<scp>iv</scp>) prodrugs using a dual-targeting strategy with a dichloroacetate axial ligand. RSC Advances, 2019, 9, 22240-22247.	3.6	11
57	Investigation the inclusion complexes of valsartan with polysaccharide arabinogalactan from larch Larix sibirica and (2-hydroxypropyl)-Î²-cyclodextrin: preparation, characterization and physicochemical properties. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 85, 93-104.	1.6	10
58	Kilogram-Scale Synthesis of 2,4-Dichloro-5-fluorobenzoic Acid by Air Oxidation under the Continuous-Flow Process. Organic Process Research and Development, 2018, 22, 252-256.	2.7	10
59	Conversion of 2,4-difluoroaniline to 1,3-difluorobenzene using a continuous-flow reactor. Journal of Flow Chemistry, 2018, 8, 51-57.	1.9	10
60	Dinitration of o-toluic acid in continuous-flow: process optimization and kinetic study. Journal of Flow Chemistry, 2020, 10, 429-436.	1.9	10
61	Two approaches for the synthesis of levo-praziquantel. Organic and Biomolecular Chemistry, 2021, 19, 4507-4514.	2.8	10
62	Generation of aryl radicals fromin situactivated homolytic scission: driving radical reactions by ball milling. Green Chemistry, 2022, 24, 4557-4565.	9.0	10
63	Y(OTf)3â€Catalyzed, Oneâ€Pot Synthesis of 1,2,4â€Oxadiazole Derivatives. Synthetic Communications, 2007, 37, 4439-4452.	2.1	9
64	A facile synthesis of flavones catalysed by gallium(III) triflate. Journal of Chemical Research, 2009, 2009, 27-29.	1.3	9
65	Dramatically Accelerated Addition Under Solvent-Free Conditions: An Efficient Synthesis of (E)-1,2,4-Triazole-Substituted Alkenes from Baylisâ€“Hillman Acetates. Synthetic Communications, 2008, 38, 3291-3302.	2.1	8
66	A Fast and Reliable UPLC-PAD Fingerprint Analysis ofChimonanthus salicifoliusCombined with Chemometrics Methods. Journal of Chromatographic Science, 2016, 54, 1213-1219.	1.4	8
67	Continuous-flow double diazotization for the synthesis of m-difluorobenzene via Balz-Schiemann reaction. Journal of Flow Chemistry, 2020, 10, 589-596.	1.9	8
68	Chemoselective Synthesis of Asymmetrical Carbonate from Alcohol and Dimethyl Carbonate Catalyzed by Ytterbium(III) Triflate. Synthetic Communications, 2007, 37, 645-651.	2.1	7
69	Green and catalyst-free synthesis of deoxyarbutin in continuous-flow. Reaction Chemistry and Engineering, 2019, 4, 927-931.	3.7	7
70	State of the art and applications in nanostructured biocatalysis. Biotechnology and Biotechnological Equipment, 2022, 36, 118-134.	1.3	7
71	The preparation of 3-substituted 1-chlorocarbonyl-imidazolidin-2-ones using bis(trichloromethyl) carbonate. Journal of Chemical Research, 2000, 2000, 440-441.	1.3	6
72	Mild and Efficient Method for Synthesis of Eaminones Using Ytterbium Triflate as Catalyst. Synthetic Communications, 2010, 40, 2506-2512.	2.1	6

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73	Hydrogenation of nitroarenes in continuous flow with TPP/Raney Ni. Journal of Flow Chemistry, 2021, 11, 823-830.	1.9	6
74	Inositol hexanicotinate self-micelle solid dispersion is an efficient drug delivery system in the mouse model of non-alcoholic fatty liver disease. International Journal of Pharmaceutics, 2021, 602, 120576.	5.2	6
75	A convenient synthesis of 2â€(1Hâ€1,2,4â€triazolâ€1â€yl)â€2Hâ€1,4â€benzothiazine derivatives. Heteroatom Chemistry, 2008, 19, 332-336.	0.7	5
76	Synthesis and Biological Activities of New Chiral Imidazolinone Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 185, 117-128.	1.6	4
77	A Novel Method for Oneâ€pot Synthesis of Furo[3,2â€c]coumarin Derivatives from 4â€Hydroxycoumarin and Arylglyoxal under Microwave Irradiation. Chinese Journal of Chemistry, 2012, 30, 1845-1850.	4.9	4
78	Multiâ€constituent determination and fingerprint analysis of Scutellaria indica L. using ultra high performance liquid chromatography coupled with quadrupole timeâ€ofâ€flight mass spectrometry. Journal of Separation Science, 2015, 38, 3704-3711.	2.5	4
79	Selective hydrogenation of nitroaromatics to N-arylhydroxylamines in a micropacked bed reactor with passivated catalyst. RSC Advances, 2020, 10, 28585-28594.	3.6	4
80	Mechanically induced solvent-free esterification method at room temperature. RSC Advances, 2021, 11, 5080-5085.	3.6	4
81	Preparation of olmesartan medoxomil solid dispersion with sustained release performance by mechanochemical technology. Drug Delivery and Translational Research, 2022, 12, 589-602.	5.8	4
82	Physicochemical and Toxic Properties of Novel Genipin Drug Delivery Systems Prepared by Mechanochemistry. Current Drug Delivery, 2018, 15, 727-736.	1.6	4
83	Intramolecular Cyclization of 2â€²-Aminochalcones by Halomethyleniminium Salts Derived from BTC/DMF. Organic Preparations and Procedures International, 2009, 41, 156-161.	1.3	3
84	A continuous-flow procedure for the synthesis of 4-Benzylidene-pyrazol-5-one derivatives. Journal of Flow Chemistry, 2018, 8, 29-34.	1.9	3
85	Preparation, physicochemical and pharmacological study of 10-hydroxycamptothecin solid dispersion with complexation agent â€“ xylan-nonanoic acid amphiphilic conjugates. International Journal of Biological Macromolecules, 2022, 204, 224-233.	7.5	3
86	A NOVEL SYNTHESIS OF 3-SUBSTITUTED MDAZOLIDIN-2-ONE-1-CARBONYL CHLORIDES. Organic Preparations and Procedures International, 2000, 32, 498-501.	1.3	2
87	Improving the reaction efficiency of condensation amidation of piperazine with benzoic acid based on kinetics study in microreactors. Journal of Flow Chemistry, 0, , 1.	1.9	2
88	Preparation of nanosized Fluticasone Propionate nasal spray with improved stability and uniformity. Chemical Industry and Chemical Engineering Quarterly, 2015, 21, 457-464.	0.7	2
89	Development of a continuous flow process for the synthesis of mesotrione. Journal of Flow Chemistry, 2022, 12, 197-205.	1.9	2
90	Preparation of DNC Solid Dispersion by a Mechanochemical Method with Glycyrrhizic Acid and Polyvinylpyrrolidone to Enhance Bioavailability and Activity. Polymers, 2022, 14, 2037.	4.5	2

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91	Separation of avermectin components from Streptomyces avemitilis extraction using high-speed counter-current chromatography. Chemical Industry and Chemical Engineering Quarterly, 2013, 19, 563-571.	0.7	1
92	A Novel Strategy for the Synthesis of Bromo-Substituted Cholestenone and its New Application to a Synthesis of 1Î±-Hydroxycholesterol. Journal of Chemical Research, 2016, 40, 407-409.	1.3	1
93	BrÃ¸nsted acid-catalyzed chlorination of aromatic carboxylic acids. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 685-689.	1.6	1
94	Insight into Fundamental Rules of Phenylenediamines Selective Monoacylation by the Comparisons of Kinetic Characteristics in Microreactor. Bulletin of the Korean Chemical Society, 2021, 42, 1336.	1.9	1
95	Metal-free catalyzed aerobic oxidation of 2-nitro-4-methylsulfone toluene to 2-nitro-4-methylsulfonylbenzoic acid using a continuous-flow reactor. Journal of Flow Chemistry, 0, , 1.	1.9	1
96	NMR-based Metabolomic Techniques Identify the Anticancer Effects of Three Polyphyllins in HepG2 Cells. Current Pharmaceutical Analysis, 2021, 17, .	0.6	0
97	Improvement on solubility of fluticasone propionate with cyclodextrins by mechanochemical activation. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 799-806.	0.2	0