Sheng-Jiao Yan

List of Publications by Year
in descending order

82	1,939	257357 24	302012 39
papers	citations	h-index	g-index

82	82	82	1290
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An environmentally benign multi-component reaction: Highly regioselective synthesis of functionalized 2-(diarylphosphoryl)-1,2-dihydro-pyridine derivatives. Green Synthesis and Catalysis, 2022, 3, 59-68.	3.7	21
2	Transitionâ€Metalâ€Free C(sp²)â^'H Phosphorothiolation/Cyclization of oâ€Hydroxyarylenaminones: Access to Sâ€3â€Chromon Phosphorothioates. Advanced Synthesis and Catalysis, 2022, 364, 1602-1606.	2.1	16
3	Multicomponent cascade reaction of 3-formylchromones: Highly regioselective synthesis of functionalized pyridin-2(1H)-ones. Green Synthesis and Catalysis, 2022, , .	3.7	1
4	Multicomponent cascade reactions of HKAs: synthesis of highly functionalized 5H-chromeno[4,3-d]pyrimidines. Organic Chemistry Frontiers, 2021, 8, 4508-4513.	2.3	14
5	An environmentally benign cascade reaction of 1,2,3-indantriones with ethyl 2-(pyridine-2-yl)acetates for site-selective synthesis of 5H-isochromeno[4,3-b]indolizin-5-ones. Green Synthesis and Catalysis, 2021, 2, 54-61.	3.7	7
6	An Environmentally Benign Cascade Reaction of 1,1-Enediamines (EDAMs) for Site-Selective Synthesis of Highly Functionalized 2,10-Dihydro-1H-imidazo[1â€²,2â€²:1,6]pyrido[2,3-b]indoles and Pyrroles. Journal of Organic Chemistry, 2021, 86, 5744-5756.	1.7	8
7	Base-promoted relay reaction of heterocyclic ketene aminals with o-difluorobenzene derivatives for the highly site-selective synthesis of functionalized indoles. Tetrahedron, 2021, 92, 132275.	1.0	3
8	Multicomponent Cascade Reaction of 3-Formylchromones: Highly Selective Synthesis of Functionalized 9-Azabicyclo[3.3.1]nonane Derivatives. Organic Letters, 2021, 23, 6866-6871.	2.4	25
9	Multi-component cascade reaction of 3-formylchromones: highly selective synthesis of 4,5-dihydro-[4,5â€²-bipyrimidin]-6(1H)-one derivatives. Chemical Communications, 2021, 57, 7657-7660.	2.2	21
10	Multi-component solvent-free cascade reaction of 2-cyanoacetamides: regioselective synthesis of pyridin-2-ones bearing quaternary centers. Green Chemistry, 2020, 22, 256-264.	4.6	21
11	Multicomponent Cascade Reaction by Metal-Free Aerobic Oxidation for Synthesis of Highly Functionalized 2-Amino-4-coumarinyl-5-arylpyrroles. Journal of Organic Chemistry, 2020, 85, 327-338.	1.7	26
12	Cu(II)/Iodine(III) Oxide Dimerization of Heterocyclic Ketene Aminals: Tandem TEMPO Oxidation for the Highly Selective Synthesis of Functionalized 2H-Pyrrolo[1,2-a]imidazol-7(3H)-ones. Organic Letters, 2020, 22, 8210-8214.	2.4	18
13	An environmentally benign cascade reaction of chromone-3-carboxaldehydes with ethyl 2-(pyridine-2-yl)acetate derivatives for highly site-selective synthesis of quinolizines and quinolizinium salts in water. Green Chemistry, 2020, 22, 6943-6953.	4.6	25
14	Silver-catalyzed cascade reactions of 3-cyanochromone with 1,1-enediamines: synthesis of highly functionalized 2-(pyridin-3-yl)-chromeno[2,3-d]pyrimidines. Organic Chemistry Frontiers, 2020, 7, 2035-2039.	2.3	11
15	Cascade reaction of isatins with nitro-substituted enamines: highly selective synthesis of functionalized (Z)-3-(1-(arylamino)-2-oxoarylidene)indolin-2-ones. Chemical Communications, 2020, 56, 3488-3491.	2.2	13
16	Synthesis of Nâ€Sulfonyl Pyrazoles Through Cyclization Reactions of Sulfonyl Hydrazines with Enaminones Promoted by pâ€TSA. European Journal of Organic Chemistry, 2020, 2020, 1154-1159.	1.2	22
17	Multicomponent Tether Catalysis Synthesis of Highly Functionalized 4-(Pyridin-2-ylmethyl)-2-aminopyrroles via Cascade Reaction Is Accompanied by Decarboxylation. Journal of Organic Chemistry, 2019, 84, 11971-11982.	1.7	18
18	Cascade Reaction of Moritaâ€“Baylisâ€“Hillman Acetates with 1,1-Enediamines or Heterocyclic Ketene Aminals: Synthesis of Highly Functionalized 2-Aminopyrroles. Journal of Organic Chemistry, 2019, 84, 1797-1807.	1.7	24

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19	Cascade Reactions Utilizing the Nucleophilic Properties of 1,1â€Enediamines for the Regioselective Synthesis of 4â€Arylâ€2â€aminopyridines. ChemistrySelect, 2019, 4, 3083-3087.	0.7	0
20	Cascade Reaction of 1,1-Enediamines with 2-Benzylidene-1H-indene-1,3(2H)-diones: Selective Synthesis of Indenodihydropyridine and Indenopyridine Compounds. ACS Omega, 2019, 4, 6637-6646.	1.6	5
21	Three-Component Cascade Reaction of 1,1-Enediamines, N,N-Dimethylformamide Dimethyl Acetal, and 1,3-Dicarbonyl Compounds: Selective Synthesis of Diverse 2-Aminopyridine Derivatives. ACS Omega, 2019, 4, 2863-2873.	1.6	2
22	An environmentally benign multi-component reaction: regioselective synthesis of fluorinated 2-aminopyridines using diverse properties of the nitro group. Green Chemistry, 2019, 21, 1505-1516.	4.6	34
23	Enantioselective Epoxypyrrolidines via a Tandem Cycloaddition/Autoxidation in Air and Mechanistic Studies. Organic Letters, 2019, 21, 423-427.	2.4	15
24	Highly Selective Synthesis of 2-Amino-4,6-diarylpyridine Derivatives by the Cascade Reaction of 1,1-Enediamines with Î±,Î²-Unsaturated Ketones. Journal of Organic Chemistry, 2019, 84, 1999-2011.	1.7	14
25	Direct Oxidative Disulfenylation/Cyclization of 2â€²â€Hydroxyacetophenones with Thiophenols for the Synthesis of 2,2â€Dithioâ€Benzofuranâ€3(2H)â€Ones. Advanced Synthesis and Catalysis, 2019, 361, 49-54.	2.1	16
26	Copper-catalyzed direct oxidative C(sp 2)-H Î± -sulfenylation of enaminones with disulfides or thiophenols: Synthesis of polyfunctionalized aminothioalkenes. Tetrahedron Letters, 2018, 59, 1438-1442.	0.7	18
27	Phosphatase CDC25B Inhibitors Produced by Basic Alumina-Supported One-Pot Gram-Scale Synthesis of Fluorinated 2-Alkylthio-4-aminoquinazolines Using Microwave Irradiation. ACS Omega, 2018, 3, 4534-4544.	1.6	8
28	Three-Component Site-Selective Synthesis of Highly Substituted 5H-Chromeno-[4,3-b]pyridines. Journal of Organic Chemistry, 2018, 83, 4981-4989.	1.7	36
29	Organocatalyzed Photoredox Polymerization from Aromatic Sulfonyl Halides: Facilitating Graft from Aromatic Câ€“H Bonds. Macromolecules, 2018, 51, 938-946.	2.2	42
30	Facile Route to the Synthesis of 1,3-Diazahetero-Cycle-Fused [1,2-a]Quinoline Derivatives via Cascade Reactions. ACS Omega, 2018, 3, 1126-1136.	1.6	14
31	Cascade Reaction of Isatins with 1,1-Enediamines: Synthesis of Multisubstituted Quinoline-4-carboxamides. Organic Letters, 2018, 20, 660-663.	2.4	69
32	Diastereoselective Synthesis of Morphan Derivatives by Michael and Hetero-Michael Addition of 1,1-Enediamines to Quinone Monoketals. ACS Omega, 2018, 3, 8-21.	1.6	12
33	Metal-Free Oxidative Thioesterification of Methyl Ketones with Thiols/Disulfides for the Synthesis of Î±-Ketothioesters. Journal of Organic Chemistry, 2018, 83, 14978-14986.	1.7	33
34	A Novel Naphthyridine Derivative, 3u, Induces Necroptosis at Low Concentrations and Apoptosis at High Concentrations in Human Melanoma A375 Cells. International Journal of Molecular Sciences, 2018, 19, 2975.	1.8	22
35	Convenient Synthesis of Quinolineâ€4â€carboxylate Derivatives through the Bi(OTf)₃â€Catalyzed Domino Cyclization/Esterification Reaction of Isatins with Enaminones in Alcohols. European Journal of Organic Chemistry, 2018, 2018, 4527-4535.	1.2	19
36	Site-Selective Reaction of Enaminones and Enamine Esters for the Synthesis of Novel Diverse Morphan Derivatives. ACS Omega, 2018, 3, 5994-6005.	1.6	8

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37	Beyond the Antagonism: Self-Labeled Xanthone Inhibitors as Modeled â€œTwo-in-Oneâ€•Drugs in Cancer Therapy. ACS Omega, 2017, 2, 873-889.	1.6	24
38	Selective Synthesis of Highly Functionalized Bicyclic Pyridinone and 1,3â€Oxazinane Derivatives. European Journal of Organic Chemistry, 2017, 2017, 3442-3450.	1.2	5
39	An Isoquinolin-1(2H)-Imine Derivative Induces Cell Death via Generation of Reactive Oxygen Species and Activation of JNK in Human A549 Cancer Cells. Journal of Cellular Biochemistry, 2017, 118, 4394-4403.	1.2	0
40	An environmentally benign double Michael addition reaction of heterocyclic ketene aminals with quinone monoketals for diastereoselective synthesis of highly functionalized morphan derivatives in water. Green Chemistry, 2017, 19, 3574-3584.	4.6	54
41	One-Pot Synthesis of Highly Functionalized Bicyclic Imidazopyridinium Derivatives in Ethanol. ACS Sustainable Chemistry and Engineering, 2017, 5, 1899-1905.	3.2	30
42	Synthesis of Quinone Methide Substituted Neonicotinoid Derivatives via 1,6-Conjugate Addition of N-Benzyl Nitro Ketene Aminals with para-Quinone Methides Accompanying Oxidation. ACS Sustainable Chemistry and Engineering, 2017, 5, 8382-8389.	3.2	10
43	Synthesis and evaluation of the antitumor activity of highly functionalised pyridin-2-ones and pyrimidin-4-ones. RSC Advances, 2017, 7, 40067-40073.	1.7	12
44	A Convenient Synthesis of 3,7â€²-Bisindole Derivatives. Molecules, 2016, 21, 638.	1.7	6
45	Simple Synthesis of Multiâ€Halogen Pyrazino[1,2â€a]indoleâ€1,8(2H,5aH)â€diones. Bulletin of the Korean Chemical Society, 2016, 37, 1593-1599.	1.0	0
46	Synthesis of bicyclic 2-pyridones by regioselective annulations of heterocyclic ketene aminals with anhydrides. RSC Advances, 2016, 6, 103057-103064.	1.7	8
47	Synthesis and evaluation of the antitumor activity of polyhalo acridone derivatives. RSC Advances, 2015, 5, 17444-17450.	1.7	11
48	Synthesis of fused polyhalogeno-7a-hydroxy-[1,2-a]indol-5-one derivatives. Tetrahedron, 2015, 71, 4084-4089.	1.0	16
49	Regioselective synthesis of pyrrolo[1,2-a]imidazoles and imidazo[1,2-a]-pyridines. RSC Advances, 2015, 5, 36472-36479.	1.7	10
50	One Step Synthesis of Fluorine-Containing Bicyclicpyridine Compounds. Chinese Journal of Organic Chemistry, 2015, 35, 1754.	0.6	2
51	Heterocyclic Ketene Aminals: Scaffolds for Heterocycle Molecular Diversity. European Journal of Organic Chemistry, 2014, 2014, 1129-1145.	1.2	93
52	A Three-Component Catalyst-Free Approach to Regioselective Synthesis of Dual Highly Functionalized Fused Pyrrole Derivatives in Waterâ€“Ethanol Media: Thermodynamics versus Kinetics. ACS Sustainable Chemistry and Engineering, 2014, 2, 1155-1163.	3.2	39
53	An environmentally benign, mild, and catalyst-free reaction of quinones with heterocyclic ketene aminals in ethanol: site-selective synthesis of rarely fused [1,2-a]indolone derivatives via an unexpected anti-Nenitzescu strategy. Green Chemistry, 2014, 16, 4359-4370.	4.6	50
54	Construction of C(sp²)â€“S and C(sp²)â€“Se bonds via a silver(<scp>i</scp>)-mediated coupling reaction of heterocyclic ketene aminals with diaryl dichalcogenides. RSC Advances, 2014, 4, 26389-26397.	1.7	9

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55	Catalyst-free concise synthesis of imidazo[1,2-a]pyrrolo[3,4-e]pyridine derivatives. RSC Advances, 2014, 4, 9926.	1.7	19
56	Regioselective synthesis of 9,10-dihydro-6H-chromeno[4,3-d]imidazo-[1,2-a]pyridin-6-one derivatives. RSC Advances, 2014, 4, 6110.	1.7	18
57	Highly Diastereoselective Convergent Synthesis of Polycyclic Pyrroles with Consecutive Quaternary Stereocenters: Cascade Construction of Multiple Câ€“C and Câ€“Hetero Bonds. ACS Sustainable Chemistry and Engineering, 2014, 2, 2391-2398.	3.2	25
58	Three-component cascade reaction synthesis of polycyclic 1,4-dihydropyridine derivatives in water. Tetrahedron, 2014, 70, 6578-6584.	1.0	16
59	Catalyst-free cascade reaction of heterocyclic ketene aminals with N-substituted maleimide to synthesise bicyclic pyrrolidinone derivatives. RSC Advances, 2014, 4, 27582-27590.	1.7	24
60	Palladium(II)-catalyzed cyclization of heterocyclic ketene aminals with (E)-ethyl 2,3-diiodoacrylates: selective synthesis of bicyclic pyrroles and bicyclic pyridones. Tetrahedron, 2014, 70, 4478-4484.	1.0	14
61	Inclusion complex of GA-13316 with Î²-cyclodextrin: Preparation, characterization, molecular modeling, and in vitro evaluation. Carbohydrate Polymers, 2014, 111, 655-662.	5.1	26
62	Three component solvent-free synthesis of 1H-pyrazol-5(4H)-one-based heterocyclic ketene aminal derivatives. RSC Advances, 2013, 3, 13183.	1.7	18
63	Regioselective construction of 1,3-diazaheterocycle fused [1,2-a][1,8]naphthyridine derivatives via cascade reaction of quinolines with heterocyclic ketene aminals: a joint experimentalâ€“computational approach. Organic and Biomolecular Chemistry, 2013, 11, 7276.	1.5	27
64	Synthesis of polyhalo 2-aryl-4-aminoquinazolines and 3-amino-indazoles as anti-cancer agents. RSC Advances, 2013, , .	1.7	3
65	Synthesis and antimicrobial activity of polyhalo isophthalonitrile derivatives. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2399-2403.	1.0	7
66	Three-component stereoselective synthesis of spirooxindole derivatives. Green Chemistry, 2013, 15, 453-462.	4.6	92
67	Threeâ€Component Synthesis of Indanoneâ€Fused Spirooxindole Derivatives. European Journal of Organic Chemistry, 2013, 2013, 4607-4613.	1.2	49
68	Microwaveâ€Assisted Solventâ€Free Synthesis of Highly Functionalized Pyrimidine Derivatives. Journal of Heterocyclic Chemistry, 2012, 49, 877-882.	1.4	5
69	Asymmetric Synthesis of All Four Isomers of an Unusual Heterocycleâ€Containing Amino Acid: 2â€Aminoâ€3â€furanâ€2â€ylâ€pentanoic Acid. Chinese Journal of Chemistry, 2012, 30, 460-465.	2.6	3
70	Inclusion complex of GA-13315 with cyclodextrins: Preparation, characterization, inclusion mode and properties. Carbohydrate Polymers, 2012, 89, 89-97.	5.1	23
71	Cascade Reaction of Isatins with Heterocyclic Ketene Aminals: Synthesis of Imidazopyrroloquinoline Derivatives. Organic Letters, 2011, 13, 4782-4785.	2.4	108
72	Three-component solvent-free synthesis of highly substituted tetra-hydroimidazo[1,2-a]pyridines. RSC Advances, 2011, 1, 596.	1.7	22

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73	Oneâ€Pot Synthesis of Pyrimidines via Cyclocondensation of Î²â€Bromovinyl Aldehydes with Amidine Hydrochlorides. Helvetica Chimica Acta, 2011, 94, 487-490.	1.0	8
74	Biological evaluation of polyhalo 1,3-diazaheterocycle fused isoquinolin-1(2H)-imine derivatives. European Journal of Medicinal Chemistry, 2011, 46, 1172-1180.	2.6	53
75	Synthesis of novel tetracyclo-isocoumarins via AcOH-catalyzed cascade reaction of heterocyclic ketene aminals with 2,2-dihydroxy-2H-indene-1,3-dione. Tetrahedron Letters, 2011, 52, 465-467.	0.7	40
76	Solvent-free, microwave assisted synthesis of polyhalo heterocyclic ketene aminals as novel anti-cancer agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 48-51.	1.0	36
77	Synthesis of highly functionalized 2,4-diaminoquinazolines as anticancer and anti-HIV agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4432-4435.	1.0	9
78	An efficient one-pot synthesis of heterocycle-fused 1,2,3-triazole derivatives as anti-cancer agents. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5225-5228.	1.0	112
79	Facile Route to 1,3-Diazaheterocycle-Fused [1,2b]Isoquinolin-1(2H)-one Derivatives via Substitution-Cyclization Reactions. ACS Combinatorial Science, 2010, 12, 91-94.	3.3	58
80	Three-component solvent-free synthesis of highly substituted bicyclic pyridines containing a ring-junction nitrogen. Green Chemistry, 2010, 12, 2043.	4.6	82
81	1-(2,6-Difluorobenzoyl)-3-(2,3,5-trichlorophenyl)urea. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2102-o2102.	0.2	1
82	An Environmentally Benign Multicomponent Cascade Reaction of 3-Formylchromones, 2-Naphthols, and Heterocyclic Ketal Aminals: Site-Selective Synthesis of Functionalized Morphan Derivatives. Journal of Organic Chemistry, 0, , .	1.7	1