Bing Yu

List of Publications by Year
in descending order

172	8,503	38742 50	58581 82
papers	citations	h-index	g-index

175	175	175	9209
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Carbon dioxide utilization with Câ€“N bond formation: carbon dioxide capture and subsequent conversion. Energy and Environmental Science, 2012, 5, 6602.	30.8	446
2	Recent advances of 1,2,3,5-tetrakis(carbazol-9-yl)-4,6-dicyanobenzene (4CzIPN) in photocatalytic transformations. Chemical Communications, 2019, 55, 5408-5419.	4.1	423
3	Elite endurance athletes and the ACE I allele - the role of genes in athletic performance. Human Genetics, 1998, 103, 48-50.	3.8	328
4	Upgrading Carbon Dioxide by Incorporation into Heterocycles. ChemSusChem, 2015, 8, 52-62.	6.8	320
5	PD-L1 expression is a favorable prognostic factor in early stage non-small cell carcinoma. Lung Cancer, 2015, 89, 181-188.	2.0	253
6	Equimolar CO₂ Capture by Nâ€Substituted Amino Acid Salts and Subsequent Conversion. Angewandte Chemie - International Edition, 2012, 51, 11306-11310.	13.8	206
7	CO2 capture and activation by superbase/polyethylene glycol and its subsequent conversion. Energy and Environmental Science, 2011, 4, 3971.	30.8	205
8	Catalyst-free approach for solvent-dependent selective oxidation of organic sulfides with oxone. Green Chemistry, 2012, 14, 957.	9.0	146
9	4CzIPN-^tBu-Catalyzed Proton-Coupled Electron Transfer for Photosynthesis of Phosphorylated N-Heteroaromatics. Journal of the American Chemical Society, 2021, 143, 964-972.	13.7	135
10	Visible-Light Induced Radical Perfluoroalkylation/Cyclization Strategy To Access 2-Perfluoroalkylbenzothiazoles/Benzoselenazoles by EDA Complex. Organic Letters, 2019, 21, 4019-4024.	4.6	121
11	Recent advances in visible-light-mediated organic transformations in water. Green Chemistry, 2021, 23, 232-248.	9.0	119
12	Silver-catalyzed decarboxylative radical cascade cyclization toward benzimidazo[2,1-a]isoquinolin-6(5H)-ones. Chemical Communications, 2019, 55, 2861-2864.	4.1	114
13	Photo-/electrocatalytic functionalization of quinoxalin-2(1H)-ones. Chinese Journal of Catalysis, 2021, 42, 1921-1943.	14.0	109
14	Copper(I)@Carbon-Catalyzed Carboxylation of Terminal Alkynes with CO₂ at Atmospheric Pressure. ACS Catalysis, 2015, 5, 3940-3944.	11.2	101
15	Synthesis of bimagnetic ionic liquid and application for selective aerobic oxidation of aromatic alcohols under mild conditions. Chemical Communications, 2011, 47, 2697.	4.1	100
16	Carboxylation of olefins/alkynes with CO2 to industrially relevant acrylic acid derivatives. Journal of CO2 Utilization, 2013, 1, 60-68.	6.8	99
17	Silver tungstate: a single-component bifunctional catalyst for carboxylation of terminal alkynes with CO₂ in ambient conditions. Green Chemistry, 2015, 17, 474-479.	9.0	98
18	Acyl Radicals from Î±-Keto Acids: Metal-Free Visible-Light-Promoted Acylation of Heterocycles. Organic Letters, 2021, 23, 2976-2980.	4.6	96

#	Article	IF	Citations
19	Visible light-induced recyclable g-C₃N₄ catalyzed thiocyanation of C(sp²)â€“H bonds in sustainable solvents. Green Chemistry, 2021, 23, 3677-3682.	9.0	96
20	Correlation of BRAF and NRAS mutation status with outcome, site of distant metastasis and response to chemotherapy in metastatic melanoma. British Journal of Cancer, 2014, 111, 292-299.	6.4	93
21	Placental Deficiency of Interleukin-10 (IL-10) in Preeclampsia and its Relationship to an IL10 Promoter Polymorphism. Placenta, 2006, 27, 445-451.	1.5	90
22	Metalâ€Free Visibleâ€Light Promoted Radical Cyclization to Access Perfluoroalkylâ€Substituted Benzimidazo[2,1â€a]isoquinolinâ€6(5H)â€ones and Indolo[2,1â€a]isoquinolinâ€6(5H)â€ones. Advanced Synthesis and Catalysis, 2019, 361, 5176-5181.	4.3	87
23	A genome-wide analysis of brain DNA methylation identifies new candidate genes for sporadic amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2009, 10, 418-429.	2.1	82
24	Combined Effects of 19 Common Variations on Type 2 Diabetes in Chinese: Results from Two Community-Based Studies. PLoS ONE, 2010, 5, e14022.	2.5	81
25	Carboxylation of terminal alkynes at ambient CO2 pressure in ethylene carbonate. Green Chemistry, 2013, 15, 2401.	9.0	78
26	Experimental and theoretical studies on imidazolium ionic liquid-promoted conversion of fructose to 5-hydroxymethylfurfural. Green Chemistry, 2012, 14, 2752.	9.0	77
27	Salivary duct carcinoma: Clinicopathologic features, morphologic spectrum, and somatic mutations. Head and Neck, 2016, 38, E1838-47.	2.0	76
28	Silver-Catalyzed Radical Cascade Cyclization toward 1,5-/1,3-Dicarbonyl Heterocycles: An Atom-/Step-Economical Strategy Leading to Chromenopyridines and Isoxazole-/Pyrazole-Containing Chroman-4-Ones. Organic Letters, 2018, 20, 6157-6160.	4.6	75
29	Recent applications of radical cascade reaction in the synthesis of functionalized 1-indenones. Chinese Chemical Letters, 2019, 30, 1361-1368.	9.0	75
30	Copper-Catalyzed Radical Cascade Cyclization To Access 3-Sulfonated Indenones with the AIE Phenomenon. Journal of Organic Chemistry, 2018, 83, 14419-14430.	3.2	74
31	Zinc Transporter-8 Gene (SLC30A8) Is Associated with Type 2 Diabetes in Chinese. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4107-4112.	3.6	72
32	Nitriles as radical acceptors in radical cascade reactions. Organic Chemistry Frontiers, 2021, 8, 445-465.	4.5	71
33	Silver-catalyzed decarboxylative cascade radical cyclization of tert-carboxylic acids and o-(allyloxy)arylaldehydes towards chroman-4-one derivatives. Organic Chemistry Frontiers, 2018, 5, 2925-2929.	4.5	70
34	Recyclable Perovskite as Heterogeneous Photocatalyst for Aminomethylation of Imidazoâ€Fused Heterocycles. Advanced Synthesis and Catalysis, 2020, 362, 2143-2149.	4.3	65
35	A general electron donorâ€“acceptor complex for photoactivation of arenes via thianthrenation. Chemical Science, 2022, 13, 5659-5666.	7.4	65
36	Changes in the management of ALS since the publication of the AAN ALS practice parameter 1999. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders: Official Publication of the World Federation of Neurology, Research Group on Motor Neuron Diseases, 2004, 5, 240-244.	1.2	64

#	Article	IF	Citations
37	Highly Efficient SO₂Absorption and Its Subsequent Utilization by Weak Base/Polyethylene Glycol Binary System. Environmental Science & Technology, 2013, 47, 1598-1605.	10.0	64
38	Ionic Liquid from Vitamin B1 Analogue and Heteropolyacid: A Recyclable Heterogeneous Catalyst for Dehydrative Coupling in Organic Carbonate. ACS Sustainable Chemistry and Engineering, 2019, 7, 3727-3732.	6.7	64
39	Copper-catalyzed one-pot three-component thioamination of 1,4-naphthoquinone. Organic Chemistry Frontiers, 2019, 6, 1476-1480.	4.5	64
40	Genetic susceptibility to environmental toxicants in ALS. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2007, 144B, 885-890.	1.7	63
41	Visibleâ€Lightâ€Promoted Transitionâ€Metalâ€Free Approach toward Phosphorylâ€Substituted Dihydroisoquinolones via Cascade Phosphorylation/Cyclization of N â€Allylbenzamides. Advanced Synthesis and Catalysis, 2019, 361, 3712-3717.	4.3	61
42	A geneâ€“environment study of the paraoxonase 1 gene and pesticides in amyotrophic lateral sclerosis. NeuroToxicology, 2007, 28, 532-540.	3.0	59
43	Metal-free sulfonyl radical-initiated cascade cyclization to access sulfonated indolo[1,2-a]quinolines. Chemical Communications, 2019, 55, 12615-12618.	4.1	59
44	Visible-light-promoted oxidative decarboxylation of arylacetic acids in air: Metal-free synthesis of aldehydes and ketones at room temperature. Chinese Chemical Letters, 2020, 31, 1863-1867.	9.0	59
45	DNA Mutation Detection Using Denaturing Highâ€Performance Liquid Chromatography (DHPLC). Current Protocols in Human Genetics, 2006, 48, Unit7.10.	3.5	58
46	6Ï€-Electrocyclization in water: microwave-assisted synthesis of polyheterocyclic-fused quinoline-2-thiones. Green Chemistry, 2020, 22, 4445-4449.	9.0	58
47	Plasma total bilirubin levels predict amputation events in type 2 diabetes mellitus: the Fenofibrate Intervention and Event Lowering in Diabetes (FIELD) study. Diabetologia, 2013, 56, 724-736.	6.3	57
48	Recyclable Cu@C₃N₄-Catalyzed Hydroxylation of Aryl Boronic Acids in Water under Visible Light: Synthesis of Phenols under Ambient Conditions and Room Temperature. ACS Sustainable Chemistry and Engineering, 2020, 8, 2682-2687.	6.7	57
49	SRp54 (SFRS11), a Regulator for tau Exon 10 Alternative Splicing Identified by an Expression Cloning Strategy. Molecular and Cellular Biology, 2006, 26, 6739-6747.	2.3	56
50	Copper-Catalyzed C4-H Regioselective Phosphorylation/Trifluoromethylation of Free 1-Naphthylamines. Organic Letters, 2019, 21, 486-489.	4.6	56
51	Mn(III)â€Mediated Regioselective 6â€endoâ€trig Radical Cyclization of oâ€Vinylaryl Isocyanides to Access 2â€Functionalized Quinolines. Advanced Synthesis and Catalysis, 2020, 362, 688-694.	4.3	55
52	The EPAS1 gene influences the aerobicâ€“anaerobic contribution in elite endurance athletes. Human Genetics, 2005, 118, 416-423.	3.8	54
53	Visibleâ€Lightâ€Induced Metalâ€Free Synthesis of 2â€Phosphorylated Thioflavones in Water. ChemSusChem, 2020, 13, 298-303.	6.8	54
54	Exome sequencing of case-unaffected-parents trios reveals recessive and de novo genetic variants in sporadic ALS. Scientific Reports, 2015, 5, 9124.	3.3	53

#	Article	IF	Citations
55	Screening for <scp>ROS</scp>1 gene rearrangements in nonâ€smallâ€cell lung cancers using immunohistochemistry with <scp>FISH</scp> confirmation is an effective method to identify this rare target. Histopathology, 2017, 70, 402-411.	2.9	52
56	EGFRâ€“Co-Mutated Advanced NSCLC and Response toÂEGFR Tyrosine Kinase Inhibitors. Journal of Thoracic Oncology, 2017, 12, 585-590.	1.1	52
57	Ce(<scp>iii</scp>)-Containing tungstotellurate(<scp>vi</scp>) with a sandwich structure: an efficient Lewis acidâ€“base catalyst for the condensation cyclization of 1,3-diketones with hydrazines/hydrazides or diamines. Inorganic Chemistry Frontiers, 2018, 5, 2472-2477.	6.0	50
58	Visible-light-induced metal-free cascade cyclization of N-arylpropiolamides to 3-phosphorylated, trifluoromethylated and thiocyanated azaspiro[4.5]trienones. Organic Chemistry Frontiers, 2021, 8, 760-766.	4.5	50
59	Metal-Free Photosynthesis of Alkylated Benzimidazo[2,1-a]isoquinoline-6(5H)-ones and Indolo[2,1-a]isoquinolin-6(5H)-ones in PEG-200. Journal of Organic Chemistry, 2021, 86, 9055-9066.	3.2	50
60	Metal-free chemoselective oxidation of sulfides by in situ generated Koserâ€™s reagent in aqueous media. Tetrahedron Letters, 2014, 55, 1818-1821.	1.4	49
61	Reviewing the genetic alterations in highâ€risk cutaneous squamous cell carcinoma: A search for prognostic markers and therapeutic targets. Head and Neck, 2017, 39, 1462-1469.	2.0	47
62	Radical Reactions for the Synthesis of 3â€Substituted Chromanâ€4â€ones. European Journal of Organic Chemistry, 2020, 2020, 1588-1597.	2.4	45
63	Polymerization-Enhanced Photocatalysis for the Functionalization of C(sp³)â€“H Bonds. ACS Catalysis, 2022, 12, 126-134.	11.2	43
64	Effects of metformin on glucose and glucagon regulated gluconeogenesis in cultured normal and diabetic hepatocytes. Biochemical Pharmacology, 1994, 48, 949-954.	4.4	42
65	Atmospheric Pressure of CO₂ as Protecting Reagent and Reactant: Efficient Synthesis of Oxazolidinâ€2â€ones with Carbamate Salts, Aldehydes and Alkynes. Advanced Synthesis and Catalysis, 2016, 358, 90-97.	4.3	42
66	Photo-induced free radical production in a tetraphenylethylene ligand-based metalâ€“organic framework. Chemical Communications, 2018, 54, 12942-12945.	4.1	42
67	Copper(I)-based ionic liquid-catalyzed carboxylation of terminal alkynes with CO2 at atmospheric pressure. Tetrahedron Letters, 2015, 56, 7059-7062.	1.4	41
68	BRAF mutations in non-small cell lung cancer. Translational Lung Cancer Research, 2015, 4, 142-8.	2.8	41
69	A metal-free visible-light-promoted phosphorylation/cyclization reaction in water towards 3-phosphorylated benzothiophenes. Organic Chemistry Frontiers, 2020, 7, 1884-1889.	4.5	40
70	Perovskite as Recyclable Photocatalyst for Annulation Reaction of N-Sulfonyl Ketimines. Organic Letters, 2022, 24, 299-303.	4.6	40
71	Pharmacogenetic Polymorphisms of the AR and Metabolism and Susceptibility to Hormone- Induced Azoospermia. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4406-4411.	3.6	39
72	Patterns of DNA Mutations and ALK Rearrangement in Resected Node Negative Lung Adenocarcinoma. Journal of Thoracic Oncology, 2013, 8, 408-414.	1.1	38

#	Article	IF	Citations
73	An External-Catalyst-Free Trifluoromethylation/Cyclization Strategy To Access Trifluoromethylated-Dihydroisoquinolinones/Indolines with Togni Reagent II. Organic Letters, 2019, 21, 1863-1867.	4.6	38
74	Functionalization of imidazo[1,2-a]pyridinesviaradical reactions. New Journal of Chemistry, 2021, 45, 9302-9314.	2.8	38
75	Copper(<scp>i</scp>)/phosphine-catalyzed tandem carboxylation/annulation of terminal alkynes under ambient pressure of CO₂: one-pot access to 3a-hydroxyisoxazolo[3,2-a]isoindol-8(3aH)-ones. Green Chemistry, 2015, 17, 4061-4067.	9.0	37
76	The severity of hereditary porphyria is modulated by the porphyrin exporter and Lan antigen ABCB6. Nature Communications, 2016, 7, 12353.	12.8	37
77	Environmental insults: critical triggers for amyotrophic lateral sclerosis. Translational Neurodegeneration, 2017, 6, 15.	8.0	37
78	Analysis of clinically relevant somatic mutations in high-risk head and neck cutaneous squamous cell carcinoma. Modern Pathology, 2018, 31, 275-287.	5.5	37
79	H3PMo12O40-catalyzed coupling of diarylmethanols with epoxides/diols/aldehydes toward polyaryl-substituted aldehydes. Chinese Chemical Letters, 2020, 31, 3233-3236.	9.0	37
80	Visible-light-induced direct 3-ethoxycarbonylmethylation of 2-aryl-2H-indazoles in water. Organic Chemistry Frontiers, 2022, 9, 1445-1450.	4.5	37
81	Magnetic base catalysts for the chemical fixation of carbon dioxide to quinazoline-2,4(1H,3H)-diones. RSC Advances, 2014, 4, 28941-28946.	3.6	36
82	Silverâ€Catalyzed Radical Cascade Cyclization of Unactivated Alkenes towards Cyclopenta[c]quinolines. Advanced Synthesis and Catalysis, 2019, 361, 4483-4488.	4.3	36
83	Visible-light-promoted catalyst-/additive-free synthesis of aroylated heterocycles in a sustainable solvent. Green Chemistry, 2022, 24, 1732-1737.	9.0	36
84	Mammary analogue secretory carcinoma: an evaluation of its clinicopathological and genetic characteristics. Pathology, 2015, 47, 659-666.	0.6	35
85	Cyanuric Acidâ€Based Organocatalyst for Utilization of Carbon Dioxide at Atmospheric Pressure. ChemSusChem, 2017, 10, 1080-1084.	6.8	35
86	The suitability of small biopsy and cytology specimens for EGFR and other mutation testing in non-small cell lung cancer. Translational Lung Cancer Research, 2015, 4, 119-25.	2.8	35
87	HER2 insertion YVMA mutant lung cancer: Long natural history and response to afatinib. Lung Cancer, 2015, 90, 617-619.	2.0	34
88	An Atomâ€Economical Route to Substituted Î²â€Arylethyl Ketones: Phosphomolybdic Acidâ€Catalyzed Carbohydroxylation of Terminal Alkynes in Organic Carbonate. Advanced Synthesis and Catalysis, 2017, 359, 926-932.	4.3	34
89	Direct benzylation reactions from benzyl halides enabled by transition-metal-free photocatalysis. Chinese Chemical Letters, 2022, 33, 5074-5079.	9.0	33
90	Recent insights into the molecular pathogenesis of mammary phyllodes tumours. Journal of Clinical Pathology, 2013, 66, 496-505.	2.0	32

#	Article	IF	Citations
91	Phosphomolybdic acid as a bifunctional catalyst for Friedelâ€“Crafts type dehydrative coupling reaction. Applied Organometallic Chemistry, 2018, 32, e4450.	3.5	31
92	Photocatalytic transition-metal-free direct 3-alkylation of 2-aryl-2H-indazoles in dimethyl carbonate. Organic Chemistry Frontiers, 2021, 8, 3286-3291.	4.5	31
93	Radical Cascade Reactions of Î²,Î³â€Unsaturated Hydrazones/Oximes. Advanced Synthesis and Catalysis, 2021, 363, 4640-4666.	4.3	30
94	Are metallothionein genes silenced in ALS?. Toxicology Letters, 2007, 168, 83-87.	0.8	29
95	Cu_{1.5}PMo₁₂O₄₀â€catalyzed condensation cyclization for the synthesis of substituted pyrazoles. Applied Organometallic Chemistry, 2018, 32, e4532.	3.5	29
96	Visible-Light-Induced Phosphorylation of Imidazo-Fused Heterocycles under Metal-Free Conditions. Journal of Organic Chemistry, 2020, 85, 14744-14752.	3.2	29
97	Sudden cardiac death in familial hypertrophic cardiomyopathy: are â€œbenignâ€•mutations really benign?. Pathology, 1997, 29, 305-308.	0.6	28
98	BRAF^{V600E} and NRAS^{Q61L/Q61R} mutation analysis in metastatic melanoma using immunohistochemistry: a study of 754 cases highlighting potential pitfalls and guidelines for interpretation and reporting. Histopathology, 2016, 69, 680-686.	2.9	28
99	Oneâ€pot synthesis of trifluoromethylated benzimidazolines catalyzed by phosphotungstic acid with a low catalyst loading. Applied Organometallic Chemistry, 2018, 32, e4314.	3.5	28
100	Whole genome analyses reveal no pathogenetic single nucleotide or structural differences between monozygotic twins discordant for amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2015, 16, 385-392.	1.7	27
101	Mutation Surveyor: An In Silico Tool for Sequencing Analysis. Methods in Molecular Biology, 2011, 760, 223-237.	0.9	27
102	The molecular profile of metastatic melanoma in Australia. Pathology, 2016, 48, 188-193.	0.6	26
103	Synthesis of Phosphorylâ€Substituted Benzimidazo[2,1â€a]isoquinolinâ€6(5H)â€ones from 2â€Arylbenzoimidazoles and Diarylphosphine Oxides. Asian Journal of Organic Chemistry, 2019, 8, 2042-2045.	2.7	26
104	Recyclable Carbon Nitride <scp>Nanosheetâ€Photocatalyzed</scp> Aminomethylation of Imidazo[1,2â€a]pyridines in Green Solvent. Chinese Journal of Chemistry, 2022, 40, 97-103.	4.9	26
105	Two transition-metal-modified Nb/W mixed-addendum polyoxometalates for visible-light-mediated aerobic benzylic Câ€“H oxidations. Chinese Chemical Letters, 2022, 33, 4395-4399.	9.0	25
106	1-Acryloyl-2-cyanoindole: A Skeleton for Visible-Light-Induced Cascade Annulation. Organic Letters, 2022, 24, 3014-3018.	4.6	25
107	Genetic variants in the promoter of TARDBP in sporadic amyotrophic lateral sclerosis. Neuromuscular Disorders, 2009, 19, 696-700.	0.6	24
108	Visible-light-promoted organic dye-catalyzed sulfidation and phosphorylation of arylhydrazines toward aromatic sulfides and diarylphosphoryl hydrazides. New Journal of Chemistry, 2019, 43, 13642-13646.	2.8	24

#	Article	IF	Citations
109	Polymorphisms of SP110 Are Associated with both Pulmonary and Extra-Pulmonary Tuberculosis among the Vietnamese. PLoS ONE, 2014, 9, e99496.	2.5	23
110	UBE3A "mutations" in two unrelated and phenotypically different Angelman syndrome patients. Human Genetics, 1998, 102, 487-492.	3.8	22
111	A polymorphism in the poliovirus receptor gene differs in motor neuron disease. NeuroReport, 2004, 15, 383-386.	1.2	22
112	Using case-parent trios to look for rare de novo genetic variants in adult-onset neurodegenerative diseases. Journal of Neuroscience Methods, 2011, 197, 297-301.	2.5	22
113	Non-corrosive heteropolyacid-based recyclable ionic liquid catalyzed direct dehydrative coupling of alcohols with alcohols or alkenes. Molecular Catalysis, 2019, 468, 80-85.	2.0	22
114	Somatic mutations in salivary duct carcinoma and potential therapeutic targets. Oncotarget, 2017, 8, 75893-75903.	1.8	22
115	In situ Acidic Carbon Dioxide/Ethanol System for Selective Oxybromination of Aromatic Ethers Catalyzed by Copper Chloride. Advanced Synthesis and Catalysis, 2011, 353, 3187-3195.	4.3	20
116	Silver-mediated radical phosphorylation/cyclization of N-allylbenzamides to access phosphoryl-substituted dihydroisoquinolones. New Journal of Chemistry, 2019, 43, 12221-12224.	2.8	20
117	In Silico PCR Analysis. Methods in Molecular Biology, 2011, 760, 91-107.	0.9	19
118	Indirect conversion of ambient pressure CO₂ into oxazolidin-2-ones by a copper-based magnetic nanocatalyst. RSC Advances, 2016, 6, 87179-87187.	3.6	19
119	Microwave-assisted controllable synthesis of 2-acylbenzothiazoles and bibenzo[b][1,4]thiazines from aryl methyl ketones and disulfanediyldianilines. Chinese Chemical Letters, 2021, 32, 3544-3547.	9.0	19
120	Somatic DNA mutation analysis in targeted therapy of solid tumours. Translational Pediatrics, 2015, 4, 125-38.	1.2	19
121	Looking for differences in copy number between blood and brain in sporadic amyotrophic lateral sclerosis. Muscle and Nerve, 2011, 44, 492-498.	2.2	18
122	Can ALS-Associated C9orf72 Repeat Expansions Be Diagnosed on a Blood DNA Test Alone?. PLoS ONE, 2013, 8, e70007.	2.5	18
123	Switchable aroylation and diaroylation of allyl sulfones with aldehydes enabled by decatungstate photocatalysis. Green Chemistry, 2022, 24, 5614-5619.	9.0	18
124	Transition-metal-free sulfonylations of methylthiolated alkynones to synthesize 3-sulfonylated thioflavones. New Journal of Chemistry, 2020, 44, 14786-14790.	2.8	17
125	Visible lightâ€promoted recyclable carbon nitrideâ€catalyzed dioxygenation of Î²,Î³â€unsaturated oximes. Advanced Synthesis and Catalysis, 0, , .	4.3	17
126	Recent advances in graphene oxide catalyzed organic transformations. Chinese Chemical Letters, 2022, 33, 2354-2362.	9.0	17

#	Article	IF	Citations
127	Ce(III)/Photoassisted Synthesis of Amides from Carboxylic Acids and Isocyanates. Organic Letters, 2022, 24, 2431-2435.	4.6	17
128	An online locus-specific mutation database for familial hypertrophic cardiomyopathy. Human Mutation, 1999, 14, 326-332.	2.5	16
129	An analysis of the entire SOD1 gene in sporadic ALS. Neuromuscular Disorders, 2008, 18, 545-552.	0.6	16
130	Transmission of C9orf72 hexanucleotide repeat expansions in sporadic amyotrophic lateral sclerosis. NeuroReport, 2012, 23, 556-559.	1.2	16
131	A Type of Atypical AIEgen Used for One-Photon/Two-Photon Targeted Imaging in Live Cells. ACS Applied Bio Materials, 2020, 3, 505-511.	4.6	16
132	PEG400-enhanced synthesis of gem-dichloroaziridines and gem-dichlorocyclopropanes via in situ generated dichlorocarbene. RSC Advances, 2013, 3, 19009.	3.6	15
133	Visible-light-promoted decarboxylative radical cascade cyclization to acylated benzimidazo/indolo[2,1-a]isoquinolin-6(5H)-ones in water. RSC Advances, 2022, 12, 19736-19740.	3.6	15
134	Molecular patterns in salivary duct carcinoma identify prognostic subgroups. Modern Pathology, 2020, 33, 1896-1909.	5.5	14
135	Decatungstate-photocatalyzed direct coupling of inert alkanes and quinoxalin-2(1H)-ones with H₂ evolution. Organic Chemistry Frontiers, 2022, 9, 2728-2733.	4.5	14
136	Divergent g-C3N4-catalyzed Reactions of Quinoxalin-2(1H)-ones with N-Aryl Glycines under Visible Light: Solvent-Controlled Hydroaminomethylation and Annulation. ACS Sustainable Chemistry and Engineering, 2020, , .	6.7	13
137	Nâ€Alkoxyphtalimides as Versatile Alkoxy Radical Precursors in Modern Organic Synthesis. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	13
138	Functional and spectroscopic studies of a familial hypertrophic cardiomyopathy mutation in Motif X of cardiac myosin binding protein-C. European Biophysics Journal, 2002, 31, 400-408.	2.2	11
139	Molecular characterization of pig ST8Sia IVâ€”a critical gene for the formation of neural cell adhesion molecule and its response to sialic acid supplement in piglets. Nutritional Neuroscience, 2006, 9, 147-154.	3.1	11
140	A Method of Oligochip for Single Nucleotide Polymorphism Genotyping in the Promoter Region of the Interleukin-1Î²Gene and Its Clinical Application. Oligonucleotides, 2007, 17, 336-344.	2.7	10
141	Role of In Silico Tools in Gene Discovery. Molecular Biotechnology, 2009, 41, 296-306.	2.4	10
142	Evidence for lymphatic pathogenesis of endosalpingiosis. Pathology, 2016, 48, 72-76.	0.6	10
143	Visible-light-induced cyclization of cyclic N-sulfonyl ketimines to N-sulfonamide fused imidazolidines. Organic and Biomolecular Chemistry, 2022, 20, 3798-3802.	2.8	10
144	Comprehensive analyses of somatic TP53 mutation in tumors with variable mutant allele frequency. Scientific Data, 2017, 4, 170120.	5.3	9

#	Article	IF	Citations
145	Spliceosomal genes in the D. discoideum genome: a comparison with those in H. sapiens, D. melanogaster, A. thaliana and S. cerevisiae. Protein and Cell, 2011, 2, 395-409.	11.0	8
146	Pharmacogenetic Polymorphisms of the AR and Metabolism and Susceptibility to Hormone- Induced Azoospermia. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4406-4411.	3.6	8
147	An approach to finding brain-situated mutations in sporadic Parkinson's disease. Parkinsonism and Related Disorders, 2012, 18, 82-85.	2.2	7
148	Angiotensin-converting enzyme gene DD genotype is associated with increased systolic blood pressure in an Australian Rural Type 2 Diabetic Cohort. Hypertension Research, 2013, 36, 381-382.	2.7	7
149	Oxidative Î±-acyloxylation of acetals with cyclic diacyl peroxides. Organic Chemistry Frontiers, 2021, 8, 3091-3101.	4.5	7
150	A Polyniobotungstate-Based Hybrid for Visible-Light-Induced Phosphorylation of N-Aryl-Tetrahydroisoquinoline. ACS Applied Materials & Interfaces, 2022, 14, 19278-19284.	8.0	7
151	A comparison of the lengths of androgen receptor triplet repeats in brain and blood in motor neuron diseases. Journal of the Neurological Sciences, 2008, 267, 125-128.	0.6	6
152	DHPLC can be used to detect low-level mutations in amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2010, 11, 76-82.	2.1	6
153	Is high-risk cutaneous squamous cell carcinoma of the head and neck a suitable candidate for current targeted therapies?. Journal of Clinical Pathology, 2020, 73, 17-22.	2.0	6
154	Setting Up Next-Generation Sequencing in the Medical Laboratory. Methods in Molecular Biology, 2014, 1168, 195-206.	0.9	5
155	Visible-Light-Induced Decarboxylation of Dioxazolones to Phosphinimidic Amides and Ureas. Molecules, 2022, 27, 3648.	3.8	5
156	Molecular characterisation of neonatal cardiac hypertrophy and its regression. Cardiology in the Young, 2004, 14, 498-505.	0.8	4
157	Low yield in screening patients with sporadic motor neuron disease for Kennedy disease. Internal Medicine Journal, 2007, 37, 772-774.	0.8	4
158	In Silico Gene Discovery. Methods in Molecular Medicine, 2008, 141, 1-22.	0.8	4
159	Computer-Assisted Reading of DNA Sequences. Methods in Molecular Medicine, 2008, 141, 177-197.	0.8	4
160	Selective Oxidation of Sulfides to Sulfoxides with Tert-Butylnitrite as an Alternative Oxidant. Current Organic Synthesis, 2014, 11, 156-160.	1.3	4
161	Development of an Oligochip for Genotyping Human Leukocyte Antigen-B51 and Its Clinical Application. Genetic Testing and Molecular Biomarkers, 2005, 9, 292-296.	1.7	3
162	The Future of Genetic Research in Exercise Science and Sports Medicine. Medicine and Sport Science, 2009, 54, 187-195.	1.4	3

#	Article	IF	Citations
163	Metal-/catalyst-free one-pot three-component thioamination of 1,4-naphthoquinone in a sustainable solvent. New Journal of Chemistry, 2022, 46, 4550-4554.	2.8	3
164	Challenges for clinical genetic DNA testing. Expert Review of Molecular Diagnostics, 2004, 4, 201-208.	3.1	2
165	Is There an Answer? Coordinated by Frank Vella. IUBMB Life, 2004, 56, 281-283.	3.4	2
166	Electrochemical determination of ferrocene diffusion coefficient in [C6MIM][PF6]â€“CO2 biphasic system. Journal of Supercritical Fluids, 2011, 56, 130-136.	3.2	2
167	The unique expression profile of the androgen receptor gene in a rat model of neonatal cardiac hypertrophy. Pathology, 2006, 38, 142-144.	0.6	1
168	Recent Advances of Calcium Carbide in Organic Reactions. Current Chinese Chemistry, 2021, 1, 3-10.	0.4	1
169	DHPLC can be used to detect low-level mutations in amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 0, , 1-7.	2.1	1
170	CuCl-photocatalyzed Câ€“H amination of benzoxazoles. Organic and Biomolecular Chemistry, 2022, 20, 5125-5128.	2.8	1
171	Are enteroviral receptors different in sporadic motor neuron disease?. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2007, 8, 26-30.	2.1	0
172	In SilicoInterpretation of the Splicing Code and Estimating the Abundance of Expressed mRNA Isoforms. Human Mutation, 2013, 34, v-v.	2.5	0