Qi-Yan Lv

List of Publications by Year
in descending order

23	782	567281 15	642732 23
papers	citations	h-index	g-index

23	23	23	577
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in visible-light-mediated organic transformations in water. Green Chemistry, 2021, 23, 232-248.	9.0	119
2	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
3	An acetylcholinesterase biosensor based on doping Au nanorod@SiO2 nanoparticles into TiO2-chitosan hydrogel for detection of organophosphate pesticides. Biosensors and Bioelectronics, 2019, 141, 111452.	10.1	80
4	Recent applications of radical cascade reaction in the synthesis of functionalized 1-indenones. Chinese Chemical Letters, 2019, 30, 1361-1368.	9.0	75
5	Nitriles as radical acceptors in radical cascade reactions. Organic Chemistry Frontiers, 2021, 8, 445-465.	4.5	71
6	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
7	Silverâ€Catalyzed Radical Cascade Cyclization of Unactivated Alkenes towards Cyclopenta[c]quinolines. Advanced Synthesis and Catalysis, 2019, 361, 4483-4488.	4.3	36
8	In silico post-SELEX screening and experimental characterizations for acquisition of high affinity DNA aptamers against carcinoembryonic antigen. RSC Advances, 2019, 9, 6328-6334.	3.6	31
9	Radical Cascade Reactions of Î²,Î³â€Unsaturated Hydrazones/Oximes. Advanced Synthesis and Catalysis, 2021, 363, 4640-4666.	4.3	30
10	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
11	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
12	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
13	Silver-mediated radical phosphorylation/cyclization of N-allylbenzamides to access phosphoryl-substituted dihydroisoquinolones. New Journal of Chemistry, 2019, 43, 12221-12224.	2.8	20
14	An enzyme-free electrochemical sandwich DNA assay based on the use of hybridization chain reaction and gold nanoparticles: application to the determination of the DNA of Helicobacter pylori. Mikrochimica Acta, 2020, 187, 73.	5.0	19
15	Detection of Helicobacter pylori in dental plaque using a DNA biosensor for noninvasive diagnosis. RSC Advances, 2018, 8, 21075-21083.	3.6	17
16	Recent advances in graphene oxide catalyzed organic transformations. Chinese Chemical Letters, 2022, 33, 2354-2362.	9.0	17
17	A DNAzyme-catalyzed label-free aptasensor based on multifunctional dendrimer-like DNA assembly for sensitive detection of carcinoembryonic antigen. Biosensors and Bioelectronics, 2021, 194, 113618.	10.1	15
18	A novel assay strategy based on isothermal amplification and cascade signal amplified electrochemical DNA sensor for sensitive detection of Helicobacter pylori. Microchemical Journal, 2021, 166, 106243.	4.5	14

#	Article	IF	Citations
19	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
20	A multimode aptasensor based on hollow gold nanoparticles and structure switching of aptamer: Fast and sensitive detection of carcinoembryonic antigen. Sensors and Actuators Reports, 2020, 2, 100021.	4.4	7
21	Red fluorescent nanoprobe based on Ag@Au nanoparticles and graphene quantum dots for H2O2 determination and living cell imaging. Mikrochimica Acta, 2021, 188, 291.	5.0	7
22	Carbon dots-based red fluorescence nanoprobe for caspase-1 activity assay and living cell imaging. Sensors and Actuators B: Chemical, 2021, 344, 130285.	7.8	6
23	Recent Advances of Calcium Carbide in Organic Reactions. Current Chinese Chemistry, 2021, 1, 3-10.	0.4	1