

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94 papers	1,331 citations	20 h-index	31 g-index
100 ext. papers	1,556 ext. citations	5.1 avg, IF	4.75 L-index

#	Paper	IF	Citations
94	A fluorescein-based probe with high selectivity and sensitivity for sulfite detection in aqueous solution. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 188, 1196-1200	8.5	66
93	Genotoxicity of quinolones: substituents contribution and transformation products QSAR evaluation using 2D and 3D models. <i>Chemosphere</i> , <b>2014</b> , 95, 220-6	8.4	61
92	Stereoselective synthesis of cytotoxic anhydrophytosphingosine pachastrissamine (jaspine B) from D-xylose. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 1251-3	4.2	54
91	A carbohydrate modified fluoride ion sensor and its applications. <i>Analytica Chimica Acta</i> , <b>2011</b> , 703, 219-25	8.5	51
90	Identification of two novel brominated contaminants in water samples by ultra-high performance liquid chromatography-Orbitrap Fusion Tribrid mass spectrometer. <i>Journal of Chromatography A</i> , <b>2015</b> , 1377, 92-9	4.5	50
89	Facile synthesis of saponins containing 2,3-branched oligosaccharides by using partially protected glycosyl donors. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 5497-500	4.2	47
88	Synthesis of saponins using partially protected glycosyl donors. <i>Organic Letters</i> , <b>2003</b> , 5, 3627-30	6.2	46
87	Fluorographene as a Mass Spectrometry Probe for High-Throughput Identification and Screening of Emerging Chemical Contaminants in Complex Samples. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 1307-1314	7.8	43
86	Transformation mechanism of benzophenone-4 in free chlorine promoted chlorination disinfection. <i>Water Research</i> , <b>2013</b> , 47, 6223-33	12.5	43
85	Stereoselective synthesis of jaspine B from D-xylose. <i>Carbohydrate Research</i> , <b>2006</b> , 341, 2653-7	2.9	41
84	Oxidative transformation of levofloxacin by $\text{KMnO}_2$ : products, pathways and toxicity assessment. <i>Chemosphere</i> , <b>2015</b> , 119, 282-288	8.4	33
83	Design and application of $\text{Fe}^{3+}$ probe for naked-eye colorimetric detection in fully aqueous system. <i>Sensors and Actuators B: Chemical</i> , <b>2011</b> , 160, 1316-1321	8.5	32
82	Research progress of disinfection and disinfection by-products in China. <i>Journal of Environmental Sciences</i> , <b>2019</b> , 81, 52-67	6.4	30
81	Acute toxicity evaluation for quinolone antibiotics and their chlorination disinfection processes. <i>Journal of Environmental Sciences</i> , <b>2014</b> , 26, 1837-42	6.4	29
80	Total synthesis of solamargine. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 2930-3	2.9	27
79	Total Syntheses of Cochliomycin B and Zeaenol. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 2092-2098	3.22	22
78	Concise synthesis of 2,4-disubstituted thiazoles from azido disulfides and carboxylic acids or anhydrides: asymmetric synthesis of cystothiazole C. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 8453-61	3.91	21

77	Total synthesis of (-)-orthodiffenes A and C. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 9718-23	4.2	21
76	One-pot synthesis of 2,4-disubstituted thiazoline from Eazido disulfide and carboxylic acid. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 7108-13	4.2	21
75	The first total synthesis of sporiolide A. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 8446-51	4.2	21
74	A toxicity-based method for evaluating safety of reclaimed water for environmental reuses. <i>Journal of Environmental Sciences</i> , <b>2014</b> , 26, 1961-9	6.4	20
73	Oxidation of cefazolin by potassium permanganate: Transformation products and plausible pathways. <i>Chemosphere</i> , <b>2016</b> , 149, 279-85	8.4	19
72	Formation of novel disinfection by-products chlorinated benzoquinone, phenyl benzoquinones and polycyclic aromatic hydrocarbons during chlorination treatment on UV filter 2,4-dihydroxybenzophenone in swimming pool water. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 367, 725-733	12.8	18
71	Characterization of Three Tetrabromobisphenol-S Derivatives in Mollusks from Chinese Bohai Sea: A Strategy for Novel Brominated Contaminants Identification. <i>Scientific Reports</i> , <b>2015</b> , 5, 11741	4.9	17
70	Synthesis and Biological Activities of 5-Thio-EGalCers. <i>ACS Medicinal Chemistry Letters</i> , <b>2015</b> , 6, 476-80	4.3	17
69	A concise total synthesis of (+)-pyrenolide D. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 3278-3280	2	16
68	Total synthesis of a furostan saponin, timosaponin BII. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 3112-9	3.9	16
67	The potential risk assessment for different arsenic species in the aquatic environment. <i>Journal of Environmental Sciences</i> , <b>2015</b> , 27, 1-8	6.4	15
66	Facile synthesis of (+/-)-paeonilide. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 3952-4	4.2	15
65	Differential expression of ST6GAL1 in the tumor progression of colorectal cancer. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 486, 1090-1096	3.4	14
64	The brominated flame retardant PBDE 99 promotes adipogenesis via regulating mitotic clonal expansion and PPAR $\alpha$ expression. <i>Science of the Total Environment</i> , <b>2019</b> , 670, 67-77	10.2	14
63	Effects of co-exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin and polychlorinated biphenyls on nonalcoholic fatty liver disease in mice. <i>Environmental Toxicology</i> , <b>2015</b> , 30, 1364-74	4.2	14
62	Predicted no-effect concentrations for mercury species and ecological risk assessment for mercury pollution in aquatic environment. <i>Journal of Environmental Sciences</i> , <b>2015</b> , 28, 74-80	6.4	14
61	Augmented atherogenesis in ApoE-null mice co-exposed to polychlorinated biphenyls and 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 276, 136-46	4.6	14
60	Selective cleavage of sugar anomeric O-acyl groups using FeCl <sub>3</sub> ·H <sub>2</sub> O. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 5488-5491	2	14

59	Preliminary investigation on cytotoxicity of fluorinated polymer nanoparticles. <i>Journal of Environmental Sciences</i> , <b>2018</b> , 69, 217-226	6.4	14
58	Synthesis of sporiolide B from D-glucal. <i>Carbohydrate Research</i> , <b>2007</b> , 342, 1405-11	2.9	13
57	Bioassay: A useful tool for evaluating reclaimed water safety. <i>Journal of Environmental Sciences</i> , <b>2020</b> , 88, 165-176	6.4	13
56	One-Pot Enantiomeric Synthesis of Thiazole-Containing Amino Acids: Total Synthesis of Venturamides A and B. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 3897-3905	4.2	12
55	Transformation pathways and acute toxicity variation of 4-hydroxyl benzophenone in chlorination disinfection process. <i>Chemosphere</i> , <b>2016</b> , 154, 491-498	8.4	12
54	Prediction of the binding modes between macrolactin N and peptide deformylase from <i>Staphylococcus aureus</i> by molecular docking and molecular dynamics simulations. <i>Medicinal Chemistry Research</i> , <b>2013</b> , 22, 2889-2901	2.2	12
53	Total synthesis of (R)-isoalcholactone. <i>Science China Chemistry</i> , <b>2013</b> , 56, 928-932	7.9	12
52	Predicted no-effect concentrations determination and ecological risk assessment for benzophenone-type UV filters in aquatic environment. <i>Environmental Pollution</i> , <b>2020</b> , 256, 113460	9.3	12
51	Efficient and selective removal of chloroacetyl group promoted with tetra-n-butylammonium fluoride (TBAF). <i>Carbohydrate Research</i> , <b>2011</b> , 346, 2801-4	2.9	11
50	Facile synthesis of cleistetroside-2, a partially acetylated oligorhamnoside from <i>Cleistopholis glauca</i> and <i>patens</i> . <i>Carbohydrate Research</i> , <b>2007</b> , 342, 1496-501	2.9	11
49	A selective N,N-dithenoyl-rhodamine based fluorescent probe for Fe detection in aqueous and living cells. <i>Journal of Environmental Sciences</i> , <b>2020</b> , 90, 180-188	6.4	11
48	The Structural Revision and Total Synthesis of Carambolaflavone A. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 4111-4118	4.2	9
47	Method to build 2,4-substituted selenazole from Ebzido diselenide and carboxylic acid: A formal synthesis of selenazofurin. <i>Tetrahedron</i> , <b>2018</b> , 74, 3061-3068	2.4	8
46	Design and synthesis of selenazole-substituted ritonavir analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2018</b> , 28, 2379-2381	2.9	8
45	The first convergent total synthesis of penarolide sulfate A2, a novel $\beta$ -glucosidase inhibitor. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 2071-9	3.9	8
44	Total synthesis of ribisin A. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 959-961	2	8
43	Synthesis of the pentasaccharide repeating unit of <i>Escherichia coli</i> O128 antigen. <i>Carbohydrate Research</i> , <b>2010</b> , 345, 2272-6	2.9	8
42	The associations between the environmental exposure to polychlorinated biphenyls (PCBs) and breast cancer risk and progression. <i>Science China Chemistry</i> , <b>2010</b> , 53, 974-979	7.9	8

41	Genotoxicity of quinolone antibiotics in chlorination disinfection treatment: formation and QSAR simulation. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 20637-20645	5.1	8
40	Stereoselective synthesis of (R)-synargentolide B. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 291-294	2	8
39	Synthesis of 5-Thio-β-GalCer Analogues with Fluorinated Acyl Chain on Lipid Residue and Their Biological Evaluation. <i>ACS Medicinal Chemistry Letters</i> , <b>2019</b> , 10, 221-225	4.3	7
38	3D-QSAR and molecular docking studies of hydroxamic acids as peptide deformylase inhibitors. <i>Medicinal Chemistry Research</i> , <b>2012</b> , 21, 1597-1610	2.2	7
37	An alternative total synthesis of solamargine. <i>Science China Chemistry</i> , <b>2012</b> , 55, 1247-1251	7.9	7
36	Exposure to HBCD promotes adipogenesis both in vitro and in vivo by interfering with Wnt6 expression. <i>Science of the Total Environment</i> , <b>2020</b> , 705, 135917	10.2	7
35	Chiron approach for the total synthesis of (+)-synargentolide B. <i>Tetrahedron</i> , <b>2017</b> , 73, 6443-6447	2.4	6
34	Design, synthesis, and evaluation of β-galactopyranosylceramide mimics promoting Th2 cytokines production. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 1357-1362	2.9	6
33	Synthesis and anti-inflammatory activity of gold-nanoparticle bearing a dermatan sulfate disaccharide analog. <i>Chinese Chemical Letters</i> , <b>2018</b> , 29, 81-83	8.1	5
32	Synthesis of Neu5Ac-β-galactopyranosyl-functionalized magnetic nanoparticles via click chemistry. <i>Tetrahedron</i> , <b>2013</b> , 69, 7300-7307	2.4	5
31	Acute toxicity variation of hydroxyl benzophenone UV filters during photoinduction-chlorination disinfection processes. <i>Journal of Environmental Sciences</i> , <b>2017</b> , 54, 48-55	6.4	5
30	Highly sensitive and selective chemosensor for Cu <sup>2+</sup> detection based on a N-propargyl rhodamine 6G-hydrazide derivative. <i>Science China Chemistry</i> , <b>2012</b> , 55, 626-631	7.9	5
29	New rhodamine derivative as OFF-ON fluorescent chemosensor for detection of Cu <sup>2+</sup> . <i>Science China Chemistry</i> , <b>2011</b> , 54, 1635-1639	7.9	5
28	Total synthesis of (R)-petrosiol E. <i>Tetrahedron</i> , <b>2014</b> , 70, 8231-8235	2.4	4
27	Efficient One-Pot Synthesis of 2,4-Disubstituted Thiazoles and Dimeric Thiazoles Directly from Acyl Chlorides and β-Azido Disulfides. <i>Synthesis</i> , <b>2017</b> , 49, 4876-4886	2.9	4
26	Synthesis and affinities of C3-symmetric thioglycoside-containing trimannosides. <i>Carbohydrate Research</i> , <b>2015</b> , 412, 56-65	2.9	4
25	Total synthesis of apigenin-4'-yl 2-O-(p-coumaroyl)-β-D-glucopyranoside. <i>Carbohydrate Research</i> , <b>2010</b> , 345, 2714-7	2.9	4
24	Synthesis of four oligosaccharides derived from <i>Paris polyphylla</i> var. <i>yunnanensis</i> and their tobacco ( <i>Nicotiana tabacum</i> L.) growth-regulatory activity. <i>Plant Growth Regulation</i> , <b>2010</b> , 60, 69-75	3.2	4

23	Stereoselective Total Synthesis of Siladenoserinols A and D. <i>Organic Letters</i> , <b>2021</b> , 23, 3264-3268	6.2	4
22	Characterization of UV and chlorine contributions to transformation of 2,3,4-trihydroxybenzophenone under combined UV-chlorine treatment. <i>Chemosphere</i> , <b>2021</b> , 263, 128310	8.4	4
21	A Designed -GalCer Analog Promotes Considerable Th1 Cytokine Response by Activating the CD1d-iNKT Axis and CD11b-Positive Monocytes/Macrophages. <i>Advanced Science</i> , <b>2020</b> , 7, 2000609	13.6	3
20	Effect of methyl tert-butyl ether on adipogenesis and glucose metabolism in vitro and in vivo. <i>Journal of Environmental Sciences</i> , <b>2019</b> , 85, 208-219	6.4	3
19	Synthesis of 5-Thio-D- Galactopyranose. <i>Journal of Carbohydrate Chemistry</i> , <b>2013</b> , 32, 240-248	1.7	3
18	Enantioselectivity of D-amino acid oxidase in the presence of ionic liquids. <i>RSC Advances</i> , <b>2017</b> , 7, 34110-34117	3.7	3
17	Polychlorinated biphenyl congener 180 (PCB 180) regulates mitotic clonal expansion and enhances adipogenesis through modulation of C/EBP $\beta$ SUMOylation in preadipocytes. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 152, 112205	4.7	3
16	Methyl tertiary-butyl ether inhibits THP-1 macrophage cholesterol efflux in vitro and accelerates atherosclerosis in ApoE-deficient mice in vivo. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 101, 236-247	6.4	3
15	Bioassay- and QSAR-based screening of toxic transformation products and their formation under chlorination treatment on levofloxacin. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 414, 125495	12.8	3
14	The chlorination transformation characteristics of benzophenone-4 in the presence of iodide ions. <i>Journal of Environmental Sciences</i> , <b>2017</b> , 58, 93-101	6.4	2
13	Synthesis of trisaccharide-coated magnetic nanoparticles for antibody removal. <i>Tetrahedron</i> , <b>2017</b> , 73, 2949-2955	2.4	2
12	Polybrominated diphenyl ether congener 99 (PBDE 99) promotes adipocyte lineage commitment of C3H10T1/2 mesenchymal stem cells.. <i>Chemosphere</i> , <b>2021</b> , 290, 133312	8.4	2
11	Simple and Efficient Synthesis of Anithiactins A-C, Thiasporine A and Their Potent Antitumor 2,4-Linked Oligothiazole Derivatives. <i>ChemistrySelect</i> , <b>2019</b> , 4, 742-746	1.8	2
10	Free available chlorine initiated Baeyer-Villiger oxidation: A key mechanism for chloroform formation during aqueous chlorination of benzophenone UV filters. <i>Environmental Pollution</i> , <b>2021</b> , 268, 115737	9.3	2
9	Stereoselective synthesis of (R)-protulactone A. <i>Tetrahedron</i> , <b>2020</b> , 76, 131290	2.4	1
8	Total synthesis of cryptopyranmoscatone B2. <i>Tetrahedron</i> , <b>2022</b> , 105, 132609	2.4	1
7	A synthetical methodology for identifying priority pollutants in reclaimed water based on meta-analysis.. <i>Journal of Environmental Sciences</i> , <b>2022</b> , 112, 106-114	6.4	1
6	Design, synthesis and evaluation of lactoside-derived galectin-3 inhibitors. <i>Journal of Carbohydrate Chemistry</i> , <b>2019</b> , 38, 151-166	1.7	0

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| 5 | An efficient preparation of 2-alkyl-oxazoles from 2-iodooxazoles. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 4045-4048  | 2.4  | ○ |
| 4 | Efforts toward rational design of Th2-bias immune stimulator through modification on D-Gal-C-4 of EGalCer derivative. <i>Tetrahedron</i> , <b>2021</b> , 89, 132168 | 2.4  | ○ |
| 3 | Effective total synthesis of schaftoside. <i>Tetrahedron</i> , <b>2021</b> , 91, 132216   | 2.4  | ○ |
| 2 | Total Synthesis of the Proposed Microcyclamides MZ602 and MZ568. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 1065-1073                                  | 4.2  | ○ |
| 1 | A novel risk score-based prioritization method for pollutants in reclaimed water. <i>Science of the Total Environment</i> , <b>2021</b> , 795, 148833               | 10.2 | ○ |