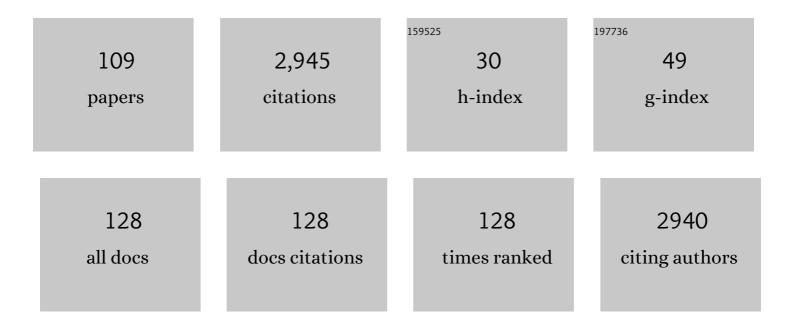
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Facile Regio- and Stereoselective Hydrometalation of Alkynes with a Combination of Carboxylic Acids and Group 10 Transition Metal Complexes: Selective Hydrogenation of Alkynes with Formic Acid. Journal of the American Chemical Society, 2011, 133, 17037-17044.	6.6	218
2	Nickel-Catalyzed Direct Thiolation of C(sp ³)–H Bonds in Aliphatic Amides. Organic Letters, 2015, 17, 1970-1973.	2.4	131
3	Copper Catalysis for Selective Heterocoupling of Terminal Alkynes. Journal of the American Chemical Society, 2016, 138, 12348-12351.	6.6	127
4	Copper-Mediated Remote C–H Bond Chalcogenation of Quinolines on the C5 Position. Organic Letters, 2015, 17, 5528-5531.	2.4	120
5	Grapheneâ€Encapsulated FeS ₂ in Carbon Fibers as High Reversible Anodes for Na ⁺ /K ⁺ Batteries in a Wide Temperature Range. Small, 2019, 15, e1804740.	5.2	115
6	The Palladium-Catalyzed Intermolecular C–H Chalcogenation of Arenes. Journal of Organic Chemistry, 2015, 80, 367-374.	1.7	112
7	Nickel-catalyzed synthesis of diarylsulfides and sulfones via C–H bond functionalization of arylamides. Organic and Biomolecular Chemistry, 2015, 13, 6803-6813.	1.5	95
8	Rhodium-Catalyzed Intermolecular Oxidative Cross-Coupling of (Hetero)Arenes with Chalcogenophenes. Organic Letters, 2013, 15, 1290-1293.	2.4	90
9	Synthesis and structure of an air-stable cationic organobismuth complex and its use as a highly efficient catalyst for the direct diastereoselective Mannich reaction in water. Chemical Communications, 2009, , 4759.	2.2	70
10	Highly Efficient and Selective Synthesis of (<i>E</i>)â€Î±,βâ€Unsaturated Ketones by Crossed Condensation of Ketones and Aldehydes Catalyzed by an Airâ€Stable Cationic Organobismuth Perfluorooctanesulfonate. Advanced Synthesis and Catalysis, 2010, 352, 153-162.	2.1	54
11	A mini-review on air-stable organometallic Lewis acids: synthesis, characterization, and catalytic application in organic synthesis. RSC Advances, 2012, 2, 10774.	1.7	54
12	Air-stable hypervalent organobismuth(III) tetrafluoroborate as effective and reusable catalyst for the allylation of aldehyde with tetraallyltin. Tetrahedron Letters, 2010, 51, 153-156.	0.7	52
13	Copper-mediated thiolation of carbazole derivatives and related N-heterocycle compounds. RSC Advances, 2015, 5, 39358-39365.	1.7	52
14	Strong Lewis Acids of Airâ€Stable Metallocene Bis(perfluorooctanesulfonate)s as Highâ€Efficiency Catalysts for Carbonylâ€Group Transformation Reactions. Chemistry - A European Journal, 2012, 18, 6172-6182.	1.7	51
15	Synthesis, characterization and anti-proliferative activity of heterocyclic hypervalent organoantimony compounds. European Journal of Medicinal Chemistry, 2014, 79, 391-398.	2.6	51
16	Nickel-catalysed direct alkylation of thiophenes via double C(sp ³)–H/C(sp ²)–H bond cleavage: the importance of KH ₂ PO ₄ . Chemical Communications, 2017, 53, 8316-8319.	2.2	50
17	Nickel-Catalyzed Regioselective Cleavage of C _{sp²} –S Bonds: Method for the Synthesis of Tri- and Tetrasubstituted Alkenes. Journal of Organic Chemistry, 2016, 81, 3246-3255.	1.7	48
18	Synthesis and structure of an air-stable hypervalent organobismuth (III) perfluorooctanesulfonate and its use as high-efficiency catalyst for Mannich-type reactions in water. Journal of Organometallic Chemistry, 2009, 694, 3559-3564.	0.8	45

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19	Nickel-Catalyzed Direct C (sp ³)–H Arylation of Aliphatic Amides with Thiophenes. Organic Letters, 2015, 17, 5228-5231.	2.4	43
20	Effect of butterfly-shaped sulfur-bridged ligand and counter anions on the catalytic activity and diastereoselectivity of organobismuth complexes. Dalton Transactions, 2011, 40, 9482.	1.6	42
21	Synthesis and structure of an air-stable organobismuth triflate complex and its use as a high-efficiency catalyst for the ring opening of epoxides in aqueous media with aromatic amines. Journal of Organometallic Chemistry, 2011, 696, 1579-1583.	0.8	42
22	Facile synthesis of highly active Pd-Cu nanowires catalyst through a simple wet-chemical strategy for ligand-free Suzuki cross coupling reaction. Applied Catalysis A: General, 2016, 522, 188-193.	2.2	42
23	Synthesis and structure of air-stable Lewis acidic binuclear complex of zirconocene pentafluorophenylsulfonate and its catalytic application in the allylation of carbonyl compounds with tetraallyltin. Chemical Communications, 2009, , 1679.	2.2	39
24	Facile separation catalyst system: direct diastereoselective synthesis of (E)-α,β-unsaturated ketones catalyzed by an air-stable Lewis acidic/basic bifunctional organobismuth complex in ionic liquids. Green Chemistry, 2010, 12, 1767.	4.6	38
25	Synthesis and structure of an air-stable organoantimony complex and its use as a catalyst for direct diastereoselective Mannich reactions in water. Journal of Organometallic Chemistry, 2010, 695, 1487-1492.	0.8	37
26	Intramolecular, Site-Selective, Iodine-Mediated, Amination of Unactivated (<i>sp</i> ³)C–H Bonds for the Synthesis of Indoline Derivatives. Organic Letters, 2017, 19, 2793-2796.	2.4	37
27	CF ₃ SO ₂ Na-Mediated, UV-Light-Induced Friedel–Crafts Alkylation of Indoles with Ketones/Aldehydes and Bioactivities of Products. Organic Letters, 2020, 22, 827-831.	2.4	37
28	Strong Lewis acids of air-stable binuclear triphenylantimony(V) complexes and their catalytic application in C–C bond-forming reactions. Tetrahedron, 2015, 71, 4275-4281.	1.0	35
29	Cu-Catalyzed Cross-Dehydrogenative Coupling of Heteroaryl C(sp ²)–H and Tertiary C(sp ³)–H Bonds for the Construction of All-Carbon Triaryl Quaternary Centers. Organic Letters, 2019, 21, 5152-5156.	2.4	35
30	Zirconocene bis(perfluorooctanesulfonate)s-catalyzed acylation of alcohols, phenols, thiols, and amines under solvent-free conditions. Catalysis Communications, 2009, 10, 1889-1892.	1.6	33
31	Air-stable zirconocene bis(perfluorobutanesulfonate) as a highly efficient catalyst for synthesis of α-aminophosphonates via Kabachnik–Fields reaction under solvent-free condition. Catalysis Communications, 2014, 43, 184-187.	1.6	32
32	Organoantimony and organobismuth complexes for CO ₂ fixation. RSC Advances, 2014, 4, 11907-11918.	1.7	31
33	Synthesis and Structure of an Extremely Airâ€Stable Binuclear Hafnocene Perfluorooctanesulfonate Complex and Its Use in Lewis Acidâ€Catalyzed Reactions. Chemistry - A European Journal, 2009, 15, 6488-6494.	1.7	30
34	Synthesis and Structure of Binuclear O/Sâ€Bridged Organobismuth Complexes and Their Cooperative Catalytic Effect on CO ₂ Fixation. ChemPlusChem, 2012, 77, 404-410.	1.3	29
35	Recent advances of catalytic processes on the transformation of alkynes into functional compounds. Chemical Engineering Science, 2017, 171, 404-425.	1.9	29
36	Metal–free C5â€H Bromination of Quinolines for Oneâ€pot Câ^'X (X=C, O, S) Bond Formations. Advanced Synthesis and Catalysis, 2017, 359, 2864-2873.	2.1	28

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37	Air-stable titanocene bis(perfluorooctanesulfonate) as a new catalyst for acylation of alcohols, phenols, thiols, and amines under solvent-free condition. Journal of Organometallic Chemistry, 2010, 695, 1182-1188.	0.8	27
38	Metallocene bis(perfluoroalkanesulfonate)s as air-stable cationic Lewis acids. Journal of Organometallic Chemistry, 2009, 694, 1524-1528.	0.8	26
39	Surface modification of adamantane-terminated gold nanoclusters using cyclodextrins. Physical Chemistry Chemical Physics, 2016, 18, 23358-23364.	1.3	26
40	Synthesis, Structure and Applications of Hypervalent Organoantimony Compounds Having Intramolecular E→Sb (E = N, O, S) Coordinations. Current Organic Chemistry, 2012, 16, 2462-2481.	0.9	25
41	Cesium-Catalyzed Regioselective Synthesis of Trisubstituted Heteroatom Alkenes: A New Strategy for the Preparation of Functional Alkenes. Organic Letters, 2015, 17, 2162-2165.	2.4	23
42	Enhanced catalytic performance of Pd–Pt nanodendrites for ligand-free Suzuki cross-coupling reactions. RSC Advances, 2015, 5, 28467-28473.	1.7	23
43	Airâ€stable Organobismuth(V) Bisperfluorooctanesulfonate as an Efficient Catalyst for the Synthesis of N ontaining Compounds. Advanced Synthesis and Catalysis, 2016, 358, 1302-1308.	2.1	23
44	Establishing the correlation between catalytic performance and N→Sb donor–acceptor interaction: systematic assessment of azastibocine halide derivatives as water tolerant Lewis acids. Dalton Transactions, 2019, 48, 8478-8487.	1.6	23
45	Zirconocene-catalyzed direct (trans)esterification of acyl acids (esters) and alcohols in a strict 1 : 1 ratio under solvent-free conditions. Green Chemistry, 2017, 19, 5396-5402.	4.6	22
46	Ni-Catalyzed Dimerization and Hydroperfluoroarylation of 1,3-Dienes. Journal of Organic Chemistry, 2018, 83, 9267-9277.	1.7	22
47	Strong Lewis acid air-stable cationic titanocene perfluoroalkyl(aryl)sulfonate complexes as highly efficient and recyclable catalysts for C–C bond forming reactions. Dalton Transactions, 2014, 43, 11696-11708.	1.6	21
48	Air-stable zirconocene bis(perfluorobutanesulfonate) as a highly efficient catalyst for synthesis of N-heterocyclic compounds. Journal of Organometallic Chemistry, 2015, 785, 61-67.	0.8	21
49	Synthesis and Structures of Airâ€Stable Binuclear Hafnocene Perfluorobutanesulfonate and Perfluorobenzenesulfonate and their Catalytic Application in CC Bondâ€Forming Reactions. Advanced Synthesis and Catalysis, 2013, 355, 2430-2440.	2.1	19
50	Synthesis and structures of hypervalent organoantimony and organobismuth chlorides containing asymmetric C,E,C-chelating (E = O, S) ligands. Dalton Transactions, 2013, 42, 9476.	1.6	18
51	Nickel-Catalyzed Remote C4–H Arylation of 8-Aminoquinolines. Organic Letters, 2019, 21, 6785-6789.	2.4	18
52	Synthesis and structure of an air-stable binuclear complex of bis(ethylcyclopentadienyl)zirconium perfluorooctanesulfonate and its catalytic application in one-pot three-component aza-Friedel–Crafts reactions. Tetrahedron Letters, 2014, 55, 120-123.	0.7	17
53	Silver-containing microemulsion as a high-efficient and recyclable catalytic system for hydration of alkynes. Journal of Organometallic Chemistry, 2015, 799-800, 122-127.	0.8	17
54	Recyclable nickel-catalyzed C–H/O–H dual functionalization of phenols with mandelic acids for the synthesis of 3-aryl benzofuran-2(3 <i>H</i>)-ones under solvent-free conditions. Green Chemistry, 2019, 21, 2015-2022.	4.6	17

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55	Zirconocene Bis(perfluorooctanesulfonate)s-Catalyzed Highly Efficient Synthesis of 1,3,5-Triaryl Benzene via Cyclotrimerization of Ketones. Synthetic Communications, 2012, 42, 858-864.	1.1	16
56	Iodine-Promoted Synthesis of Thioamides from 1,2-DibenzylÂsulfane and Difurfuryl Disulfide. Synlett, 2016, 27, 2339-2344.	1.0	16
57	Reviews on Biological Activity, Clinical Trial and Synthesis Progress of Small Molecules for the Treatment of COVID-19. Topics in Current Chemistry, 2021, 379, 4.	3.0	15
58	Recent Advances on the C-H Bond Functionalization on C(5) Position of 8-Aminoquinolines. Chinese Journal of Organic Chemistry, 2017, 37, 1613.	0.6	15
59	Synthesis and structure of an air-stable bis(isopropylcyclopentadienyl) zirconium perfluorooctanesulfonate and its catalyzed benzylation of 1,3-dicarbonyl derivatives with alcohols. Tetrahedron, 2015, 71, 1011-1017.	1.0	14
60	Cesium hydroxide-catalyzed isomerization of terminal alkynes for the synthesis of O-allenes and N-allenes. Tetrahedron Letters, 2015, 56, 5504-5507.	0.7	14
61	Carbon–Carbon Bond Formation of Trifluoroacetyl Amides with Grignard Reagents via C(O)–CF3 Bond Cleavage. Journal of Organic Chemistry, 2019, 84, 5635-5644.	1.7	14
62	Nickel―and Palladiumâ€Catalyzed Crossâ€Coupling Reactions of Organostibines with Organoboronic Acids. Angewandte Chemie - International Edition, 2021, 60, 3104-3114.	7.2	14
63	Pd-Catalyzed Cross-Coupling of Organostibines with Styrenes to Give Unsymmetric (<i>E</i>)-Stilbenes and (1 <i>E</i> ,3 <i>E</i>)-1,4-Diarylbuta-1,3-dienes and Fluorescence Properties of the Products. Organic Letters, 2021, 23, 5317-5322.	2.4	14
64	Remote C–H Functionalization of 8-Aminoquinoline Ring. Topics in Current Chemistry, 2020, 378, 42.	3.0	13
65	Synthesis of Triarylmethanes by Decarbonylation of 3,3-Diaryl Benzofuranones. Journal of Organic Chemistry, 2020, 85, 5300-5311.	1.7	13
66	Synthesis, characterization and applications of selenocysteine-responsive nanoprobe based on dinitrobenzene sulfonyl-modified poly(carbonate) micelles. RSC Advances, 2015, 5, 69299-69306.	1.7	12
67	Photocatalystâ€free Synthesis of Indazolones under CO ₂ Atmosphere. Chemistry - an Asian Journal, 2019, 14, 1436-1442.	1.7	12
68	Calix[4]arene-assisted KOH-catalyzed synthesis of O,O-dialkyl-Se-aryl phosphoroselenoates. Journal of Organometallic Chemistry, 2016, 818, 123-127.	0.8	11
69	Copper-Catalyzed Amination of C(sp ³)–H bonds: From Anilides to Indolines. Journal of Organic Chemistry, 2020, 85, 482-492.	1.7	11
70	Fe-Mediated S–S Bond Cleavage and Its Application in the Synthesis of α-Arylthio Carbonyl Compounds. Synthetic Communications, 2015, 45, 1817-1822.	1.1	10
71	UV-Light-Induced N-Acylation of Amines with α-Diketones. Organic Letters, 2021, 23, 5329-5333.	2.4	10
72	Chelation-assisted C–N cross-coupling of phosphinamides and aryl boronic acids with copper powder at room temperature. Organic and Biomolecular Chemistry, 2018, 16, 4065-4070.	1.5	9

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73	Nickel- and Palladium-Catalyzed Cross-Coupling of Stibines with Organic Halides: Site-Selective Sequential Reactions with Polyhalogenated Arenes. ACS Catalysis, 2022, 12, 854-867.	5.5	9
74	Zirconocene-catalysed biodiesel synthesis from vegetable oil with high free fatty acid contents. Journal of Organometallic Chemistry, 2018, 870, 116-120.	0.8	8
75	Nickel-Catalyzed Decarbonyloxidation of 3-Aryl Benzofuran-2(<i>3H</i>)-ones to 2-Hydroxybenzophenones. Journal of Organic Chemistry, 2020, 85, 8533-8543.	1.7	8
76	Nickel-Catalyzed N,N-Diarylation of 8-Aminoquinoline with Large Steric Aryl Bromides and Fluorescence of Products. Organic Letters, 2021, 23, 2514-2520.	2.4	8
77	Recent Progress on Photocatalytic Synthesis of Ester Derivatives and Reaction Mechanisms. Topics in Current Chemistry, 2021, 379, 42.	3.0	8
78	Co3O4 of regular cubic shape as high-efficiency catalyst for the preparation of lactones through the Baeyer–Villiger oxidation of cyclic ketones with dioxygen. Reaction Kinetics, Mechanisms and Catalysis, 2013, 109, 525-535.	0.8	7
79	Synthesis and structure of an air-stable μ2-hydroxy-bridged binuclear complex of bis(methylcyclopentadienyl)dizirconium(IV) perfluorooctanesulfonate and its application in Lewis acid-catalyzed reactions. Journal of Organometallic Chemistry, 2014, 749, 241-245.	0.8	7
80	I ₂ -Mediated Cross-Dehydrogenative Coupling and Amidation of 3-Aryl Benzofuranones with Aryl Amines for the Synthesis of 3,3-Diaryl Indolin-2-ones. Journal of Organic Chemistry, 2021, 86, 2965-2973.	1.7	7
81	Pd-Catalyzed Cross-Coupling of <i>Sb</i> -Aryl Stibines with Halogenomethyl Arenes to Give Unsymmetirc Diarylmethanes. Organic Letters, 2022, 24, 3155-3160.	2.4	7
82	Alkyl Sulfides as Promising Sulfur Sources: Metalâ€Free Synthesis of Aryl Alkyl Sulfides and Dialkyl Sulfides by Transalkylation of Simple Sulfides with Alkyl Halides. Chemistry - an Asian Journal, 2018, 13, 3833-3837.	1.7	6
83	Recent Progress on Synthesis of N,N′-Chelate Organoboron Derivatives. Molecules, 2021, 26, 1401.	1.7	6
84	Cu-Catalyzed Dual C–O Bonds Cleavage of Cyclic Ethers with Carboxylic Acids, NaI, and TMSCF ₃ to Give Iodoalkyl Ester. Organic Letters, 2022, 24, 2826-2831.	2.4	6
85	Cu(ii)@Luviset clear as recyclable catalyst for the formation of C–C bond in homo-coupling of terminal alkynes. RSC Advances, 2015, 5, 96372-96376.	1.7	5
86	Photo-Induced N–N Coupling of <i>o</i> -Nitrobenzyl Alcohols and Indolines To Give <i>N</i> -Aryl-1-amino Indoles. Organic Letters, 2021, 23, 6417-6422.	2.4	5
87	Industrial Cunninghamia lanceolata carbon supported FeO(OH) nanoparticles-catalyzed hydrogenation of nitroarenes. Catalysis Communications, 2022, 162, 106398.	1.6	5
88	Synthesis of (Deoxy)difluoromethylated Phosphines by Reaction of R ₂ P(O)H with TMSCF ₃ and Their Application in Cu(I) Clusters in Sonogashira Coupling. Journal of Organic Chemistry, 2022, 87, 7720-7733.	1.7	5
89	Highly Stereoselective Synthesis of 1,2-Diorganothio-1-alkenes via Hydrothiolation of Alkynyl Sulfides Catalyzed by Cesium Hydroxide. Chinese Journal of Chemistry, 2011, 29, 765-768.	2.6	4
90	Iodine-Catalyzed Synthesis of N,N′-Chelate Organoboron Aminoquinolate. Journal of Organic Chemistry, 2020, 85, 12430-12443.	1.7	4

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91	UV-Light-Induced Dehydrogenative N-Acylation of Amines with 2-Nitrobenzaldehydes To Give 2-Aminobenzamides. Synthesis, 2022, 54, 2361-2372.	1.2	4
92	A pH-Dependent rhodamine fluorophore with antiproliferative activity of bladder cancer inÂVitro/Vivo and apoptosis mechanism. European Journal of Medicinal Chemistry, 2022, 236, 114293.	2.6	4
93	Cu(I)-Catalyzed C–H Alkenylation of Tertiary C(sp ³)–H Bonds of 3-Aryl Benzofuran-2(<i>3H</i>)-ones to Give <i>Z</i> - and <i>E</i> -Styrene Containing Quaternary Carbon Centers with 99/1 Regioselectivity. Journal of Organic Chemistry, 2022, 87, 6064-6074.	1.7	4
94	Copper-Catalyzed Regioselective Olefination and Trifluoromethylation of Carboxylic Acids To Give (<i>Z</i>)-Trifluoromethyl Enol Esters. Organic Letters, 2022, 24, 5197-5202.	2.4	4
95	FeO(OH)@Câ€Catalyzed Selective Hydrazine Substitution of <i>p</i> â€Nitroâ€Aryl Fluorides and their Application for the Synthesis of Phthalazinones. ChemistryOpen, 2022, 11, e202200023.	0.9	3
96	Nickel―and Palladiumâ€Catalyzed Crossâ€Coupling Reactions of Organostibines with Organoboronic Acids. Angewandte Chemie, 2021, 133, 3141-3151.	1.6	2
97	Recent Advances on Benzofuranones: Synthesis and Transformation via C–H Functionalization. Synthesis, 2021, 53, 3193-3210.	1.2	2
98	2-Aryl-perfluorobenzoxazoles: synthesis, fluorescence properties and synthetic applications in cubic platinum nanoparticles. Journal of Materials Chemistry C, 2021, 9, 12545-12549.	2.7	2
99	KOH-Catalyzed Synthesis of <i>O</i> , <i>O</i> -Dialkyl- <i>S</i> -aryl Phosphoroselenoates Activated by Novel Calix[4]arene. Chinese Journal of Organic Chemistry, 2015, 35, 2636.	0.6	2
100	CF ₃ SO ₂ Na-Mediated Five-Component Carbonylation of Triarylboroxines with TMSCF ₃ and THF/LiOH/NaI to Give Aroyloxyalkyl Iodides. Journal of Organic Chemistry, 2022, 87, 9635-9644.	1.7	2
101	Copperâ€Catalyzed Oxidative C(<i>sp</i> ³)â^'H/Nâ^'H Crossâ€Coupling of Hydrocarbons with P(O)â^'NH Compounds: the Accelerating Effect Induced by Carboxylic Acid Coproduct. Advanced Synthesis and Catalysis, 2019, 361, 1689-1696.	2.1	1
102	Zirconocene Bis(perfluorooctanesulfonate)s-Catalyzed the Reaction of Indoles and Carbonyl Compounds. Chinese Journal of Organic Chemistry, 2012, 32, 2390.	0.6	1
103	Iron-Mediated Cleavage of Se—Se Bond for the Synthesis ofα-Arylseleno Carbonyl Compounds. Chinese Journal of Organic Chemistry, 2015, 35, 731.	0.6	1
104	Recent Progress of Protecting Groups for Terminal Alkynes. Chinese Journal of Organic Chemistry, 2020, 40, 3112.	0.6	1
105	Cu-catalyzed cross-coupling of chlorostibine with terminal alkynes to give Sb-alkynyl stibines and products transformation. Journal of Organometallic Chemistry, 2022, 973-974, 122352.	0.8	1
106	One-pot synthesis of phosphorylnaphth[2,1- <i>d</i>]oxazoles and products as P,N-ligands in C–N and C–C formation. Organic and Biomolecular Chemistry, 2022, 20, 4110-4114.	1.5	1
107	Synthesis and structure of the bimetallic organoantimony catalyst and its application in diastereoselective direct Mannich reaction as facile separation catalytic system. Journal of Organometallic Chemistry, 2021, 942, 121820.	0.8	0
108	Facile and Green Synthesis of α,β-Unsaturated Ketone Catalyzed by Air-Stable Organobismuth Complex. Advances in Materials Physics and Chemistry, 2012, 02, 142-145.	0.3	0

#	Article	IF	CITATIONS
109	One-Pot Three-Component Coupling Reaction of α-Amino Aryl Ketones, Indoles, and Perbromomethane Under Mild Conditions. Frontiers in Chemistry, 2022, 10, 825772.	1.8	0