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List of Publications by Year
in descending order

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46 papers	3,551 citations	159585 30 h-index	233421 45 g-index
52 all docs	52 docs citations	52 times ranked	2271 citing authors

#	Article	IF	Citations
1	Synthesis, Radiolabeling, and Biological Evaluation of the trans-Stereoisomers of 1-Amino-3-(fluoro-¹⁸F)-4-fluorocyclopentane-1-carboxylic Acid as PET Imaging Agents. ACS Pharmacology and Translational Science, 2021, 4, 1195-1203.	4.9	3
2	Synthesis, Radiolabeling, and Biological Evaluation of the cis Stereoisomers of 1-Amino-3-Fluoro-4-(fluoro-¹⁸F)Cyclopentane-1-Carboxylic Acid as PET Imaging Agents. Journal of Medicinal Chemistry, 2020, 63, 12008-12022.	6.4	9
3	Biased modulators of NMDA receptors control channel opening and ion selectivity. Nature Chemical Biology, 2020, 16, 188-196.	8.0	26
4	Esterification by Redox Dehydration Using Diselenides as Catalytic Organooxidants. Journal of Organic Chemistry, 2019, 84, 4954-4960.	3.2	5
5	Aerobic, Diselenide-Catalyzed Redox Dehydration: Amides and Peptides. Organic Letters, 2018, 20, 538-541.	4.6	26
6	Mechanism of Acylative Oxidationâ€“Reductionâ€“Condensation Reactions Using Benzoisothiazolones as Oxidant and Triethylphosphite as Stoichiometric Reductant. Journal of Organic Chemistry, 2017, 82, 3513-3529.	3.2	12
7	Benzoisothiazolone Organo/Copper-Cocatalyzed Redox Dehydrative Construction of Amides and Peptides from Carboxylic Acids using (EtO)₃P as the Reductant and O₂ in Air as the Terminal Oxidant. Journal of the American Chemical Society, 2016, 138, 6715-6718.	13.7	30
8	Regio- and Stereospecific Uncatalyzed Reactions of Electron-Rich Arenes and Olefins at Organomolybdenum Enantiomeric Scaffolds. Organometallics, 2013, 32, 7594-7611.	2.3	6
9	Introduction to the Ennobling a Base Metal: Presenting Copper in Organometallic Chemistry Issue. Organometallics, 2012, 31, 7631-7633.	2.3	19
10	Mechanistic Insights into the Aerobic Copper(I)-Catalyzed Cross-Coupling of S-Acyl Thiosalicylamide Thiol Esters and Boronic Acids. Organometallics, 2012, 31, 7958-7968.	2.3	14
11	Novel Synthesis and Biological Evaluation of Enigmols as Therapeutic Agents for Treating Prostate Cancer. ACS Medicinal Chemistry Letters, 2011, 2, 438-443.	2.8	33
12	Stereocontrolled Synthesis of Î±-Amino-Î±â€²-alkoxy Ketones by a Copper-Catalyzed Cross-Coupling of Peptidic Thiol Esters and Î±-Alkoxyalkylstannanes. Organic Letters, 2011, 13, 3682-3685.	4.6	43
13	Mobilizing Cu(I) for Carbonâ^'Carbon Bond Forming Catalysis in the Presence of Thiolate. Chemical Mimicking of Metallothioneins. Journal of the American Chemical Society, 2011, 133, 6403-6410.	13.7	57
14	Heteroaromatic Thioether-Boronic Acid Cross-Coupling under Neutral Reaction Conditions.. ChemInform, 2010, 33, 53-53.	0.0	0
15	A Copperâ€Catalyzed, pHâ€Neutral Construction of Highâ€Enantiopurity Peptidyl Ketones from Peptidic S â€Acylthiosalicylamides in Air at Room Temperature. Angewandte Chemie - International Edition, 2009, 48, 1417-1421.	13.8	61
16	On the Mechanism of Palladium(0) Catalyzed, Copper(I) Carboxylate Mediated Thioorganicâ^'Boronic Acid Desulfitative Coupling. A Noninnocent Role for the Carboxylate Ligand. Organometallics, 2009, 28, 4639-4642.	2.3	34
17	Synthesis of High Enantiopurity N-Protected Î±-Amino Ketones by Thiol Esterâ^'Organostannane Cross-Coupling Using pH-Neutral Conditions. Organic Letters, 2008, 10, 4375-4378.	4.6	62
18	A New Paradigm for Carbonâ^'Carbon Bond Formation:â€‰ Aerobic, Copper-Templated Cross-Coupling. Journal of the American Chemical Society, 2007, 129, 15734-15735.	13.7	183

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19	Ambient Temperature Synthesis of High EnantiopurityN-Protected Peptidyl Ketones by Peptidyl Thiol Esterâ^'Boronic Acid Cross-Coupling. Journal of the American Chemical Society, 2007, 129, 1132-1140.	13.7	133
20	A Concise and Scalable Synthesis of High Enantiopurity (â^')-<scp>d</scp>-erythro-Sphingosine Using Peptidyl Thiol Esterâ^'Boronic Acid Cross-Coupling. Organic Letters, 2007, 9, 2993-2995.	4.6	57
21	Pd-Catalyzed, Cu(I)-Mediated Cross-Couplings of Bisarylthiocyclobutenediones with Boronic Acids and Organostannanes. Journal of Organic Chemistry, 2007, 72, 8539-8542.	3.2	36
22	Palladium-Catalyzed, Copper(I)-Mediated Coupling of Boronic Acids and Benzylthiocyanate. A Cyanide-Free Cyanation of Boronic Acids. Organic Letters, 2006, 8, 4331-4333.	4.6	193
23	Palladium-Catalyzed Coupling of Thiol Esters with Aryl and Primary and Secondary Alkyl Organoindium Reagents. Journal of Organic Chemistry, 2005, 70, 4851-4853.	3.2	86
24	Copper-Mediated, Palladium-Catalyzed Coupling of Thiol Esters with Aliphatic Organoboron Reagents. Journal of Organic Chemistry, 2004, 69, 3554-3557.	3.2	142
25	Heteroaromatic Thioetherâ^'Organostannane Cross-Coupling. Organic Letters, 2003, 5, 801-802.	4.6	131
26	Switchable Catalysis:â€‰ Modular Synthesis of Functionalized Pyrimidinones via Selective Sulfide and Halide Cross-Coupling Chemistry. Organic Letters, 2003, 5, 4349-4352.	4.6	92
27	Ketone Synthesis under Neutral Conditions. Cu(I) Diphenylphosphinate-Mediated, Palladium-Catalyzed Coupling of Thiol Esters and Organostannanes. Organic Letters, 2003, 5, 3033-3035.	4.6	164
28	Bioinspired organometallic chemistry. Pure and Applied Chemistry, 2002, 74, 115-122.	1.9	35
29	Heteroaromatic Thioetherâ^'Boronic Acid Cross-Coupling under Neutral Reaction Conditions. Organic Letters, 2002, 4, 979-981.	4.6	259
30	A New Catalytic Cross-Coupling Approach for the Synthesis of Protected Aryl and Heteroaryl Amidines. Organic Letters, 2002, 4, 983-985.	4.6	94
31	Substituted Alkyne Synthesis under Nonbasic Conditions:â€‰ Copper Carboxylate-Mediated, Palladium-Catalyzed Thioalkyneâ^'Boronic Acid Cross-Coupling. Organic Letters, 2001, 3, 91-93.	4.6	163
32	Chiral Scaffolds for Enantiocontrolled Synthesis:Â Enantio- and Regiocontrolled [4 + 2] Cycloaddition to 3-Alkenyl-Î·3-Pyranylmolybdenum Complexes. Journal of the American Chemical Society, 2001, 123, 6185-6186.	13.7	21
33	A Contribution to the Design of Molecular Switches:Â Novel Acid-Mediated Ring-Closingâ^'Photochemical Ring-Opening of 2,3-Bis(heteroaryl)quinones (Heteroaryl = Thienyl,) Tj ETQq1 1 0.784314 rgBT /Overlock	13.7	
34	Nonbasic, Room Temperature, Palladium-Catalyzed Coupling of Aryl and Alkenyl Iodides with Boronic Acids Mediated by Copper(I) Thiophene-2-carboxylate (CuTC). Organic Letters, 2001, 3, 2149-2152.	4.6	93
35	Enantiocontrolled Synthesis of Spirooxindoles Based on the [5 + 2] Cycloaddition of a Tp(CO)2Mo(pyridinyl) Scaffold (Tp = Hydridotrispyrazolylborate). Organic Letters, 2000, 2, 4083-4086.	4.6	64
36	Thiol Esterâ^'Boronic Acid Coupling. A Mechanistically Unprecedented and General Ketone Synthesis. Journal of the American Chemical Society, 2000, 122, 11260-11261.	13.7	564

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37	Stereo- and Regiocontrolled Construction of Trisubstituted Piperidines Using a TpMo(CO)2(Dihydropyridine) Scaffold (Tp = Hydridotrispyrazolylborate). Journal of Organic Chemistry, 2000, 65, 7445-7455.	3.2	31
38	Thiol Esterâˆ'Boronic Acid Cross-Coupling. Catalysis Using Alkylative Activation of the Palladium Thiolate Intermediate. Organic Letters, 2000, 2, 3229-3231.	4.6	111
39	3-Cyclobutenyl-1,2-dione-substituted Porphyrins. 2. A Simple and General Entry to Quinoneâˆ'Porphyrinâˆ'Porphyrinâˆ'Quinone Tetrads and Related Molecules. Journal of Organic Chemistry, 2000, 65, 1665-1671.	3.2	58
40	Enantiocontrolled Synthesis of Highly Functionalized Tropanes via [5 + 2] Cycloaddition to Î·3-Pyridinylmolybdenum Ï€-Complexes. Organic Letters, 2000, 2, 3909-3911.	4.6	37
41	3-Cyclobutenyl-1,2-dione-Substituted Porphyrins. A General and Efficient Entry to Porphyrinâˆ'Quinone and Quinoneâˆ'Porphyrinâˆ'Quinone Architectures. Journal of Organic Chemistry, 2000, 65, 1650-1664.	3.2	55
42	Bio-organometallic Organosulfur Chemistry. Transi- tion Metal-Catalyzed Cross-Coupling Using Coen- zyme M or Thioglycolic Acid as the Leaving Group. Journal of the American Chemical Society, 1999, 121, 9449-9450.	13.7	97
43	Cyclobutenedione-Based Method for the Synthesis of Substituted 2-Pyridinones and Dihydro-2-pyridinones. Journal of Organic Chemistry, 1999, 64, 4042-4049.	3.2	31
44	tert-Butyl Substituent as a Regiodirecting and Novel Câˆ'H Protecting Group in Cyclobutenedione-Based Benzannulation Chemistry. Journal of Organic Chemistry, 1998, 63, 2835-2844.	3.2	28
45	Synthesis and Characterization of Stable Cationic [Hydrotris(1-pyrazolyl)borato]Mo(CO)(NO)(Î·3-allyl) ComplexesSolid-State and Solution Evidence for an Î·2-Allyl Structure. Organometallics, 1996, 15, 4190-4200.	2.3	41
46	Preparation of Dicarbonyl[hydrotris(1-pyrazolyl)borato](Î·3-allyl)molybdenum Complexes Bearing Electron-Donating Substituents (1-((tert-Butyldimethylsilyl)oxy), 1-Alkoxy, and 1-Acetoxy) via the Nucleophilic Addition of Mo(CO)3(DMF)3to Enals and Enones. Organometallics, 1996, 15, 4201-4210.	2.3	14