JosÃ© Miguel Sansano

List of Publications by Year
in descending order

173 papers	5,705 citations	101543 36 h-index	95266 68 g-index
219 all docs	219 docs citations	219 times ranked	4234 citing authors

#	Article	IF	Citations
1	Catalytic Asymmetric Synthesis of Î±-Amino Acids. Chemical Reviews, 2007, 107, 4584-4671.	47.7	698
2	Catalytic Enantioselective 1,3-Dipolar Cycloaddition Reaction of Azomethine Ylides and Alkenes: The Direct Strategy To Prepare Enantioenriched Highly Substituted Proline Derivatives. Angewandte Chemie - International Edition, 2005, 44, 6272-6276.	13.8	285
3	Azomethine Ylides in Organic Synthesis. Current Organic Chemistry, 2003, 7, 1105-1150.	1.6	277
4	1,3-Dipolar cycloadditions of azomethine imines. Organic and Biomolecular Chemistry, 2015, 13, 8596-8636.	2.8	203
5	Asymmetric Intramolecular Carbocyanation of Alkenes by Cï£¿C Bond Activation. Angewandte Chemie - International Edition, 2009, 48, 2452-2456.	13.8	140
6	Recent synthetic uses of functionalised aromatic and heteroaromatic organolithium reagents prepared by non-deprotonating methods. Tetrahedron, 2003, 59, 9255-9303.	1.9	139
7	Palladium catalysed tandem cyclisation-anion capture processes. Part 3. Organoboron anion transfer agents. Tetrahedron, 1997, 53, 11803-11826.	1.9	136
8	1,3-Dipolar cycloadditions: applications to the synthesis of antiviral agents. Organic and Biomolecular Chemistry, 2009, 7, 4567.	2.8	132
9	Current Trends towards the Synthesis of Bioactive Heterocycles and Natural Products Using 1,3-Dipolar Cycloadditions (1,3-DC) with Azomethine Ylides. Synthesis, 2017, 49, 2819-2851.	2.3	125
10	Catalytic Enantioselective 1,3â€Dipolar Cycloaddition Reactions of Azomethine Ylides and Alkenes by Using Phosphoramiditeâ€“Silver(I) Complexes. Angewandte Chemie - International Edition, 2008, 47, 6055-6058.	13.8	120
11	BINOLAM, a Recoverable Chiral Ligand for Bifunctional Enantioselective Catalysis:â€‰ The Asymmetric Synthesis of Cyanohydrinsâ€. Organic Letters, 2002, 4, 2589-2592.	4.6	109
12	Recoverable (R)- and (S)-Binapâ^'Ag(I) Complexes for the Enantioselective 1,3-Dipolar Cycloaddition Reaction of Azomethine YlidesÂ§. Organic Letters, 2007, 9, 4025-4028.	4.6	105
13	Palladium Catalysed Tandem Cyclisationâ€“Anion Capture Processes. Part 4: Organotin(IV) Transfer Agents. Tetrahedron, 2000, 56, 7525-7539.	1.9	93
14	Metal complexes versus organocatalysts in asymmetric 1,3-dipolar cycloadditions. Journal of the Brazilian Chemical Society, 2010, 21, 377-412.	0.6	91
15	Enantioselective cyanoformylation of aldehydes mediated by BINOLAMâ€“AlCl as a monometallic bifunctional catalyst. Tetrahedron: Asymmetry, 2003, 14, 197-200.	1.8	87
16	Enantioselective Synthesis of Cyanohydrin O-Phosphates Mediated by the Bifunctional Catalyst Binolamâ€“AlCl. Angewandte Chemie - International Edition, 2003, 42, 3143-3146.	13.8	78
17	MIND-BEST: Web Server for Drugs and Target Discovery; Design, Synthesis, and Assay of MAO-B Inhibitors and Theoreticalâ^'Experimental Study of G3PDH Protein fromTrichomonas gallinae. Journal of Proteome Research, 2011, 10, 1698-1718.	3.7	75
18	Phosphoramiditeâ€“Cu(OTf)2 Complexes as Chiral Catalysts for 1,3-Dipolar Cycloaddition of Iminoesters and Nitroalkenes. Organic Letters, 2013, 15, 2902-2905.	4.6	64

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19	Enantioselective Cycloadditions of Azomethine Ylides. , 2008, , 117-145.		63
20	Synthesis of Prolines by Enantioselective 1,3â€Dipolar Cycloaddition of Azomethine Ylides and Alkenes Catalyzed by Chiral Phosphoramiditeâ€Silver(I) Complexes. European Journal of Organic Chemistry, 2009, 2009, 5622-5634.	2.4	61
21	Enantioselective synthesis of polysubstituted prolines by Binap-silver-catalyzed 1,3-dipolar cycloadditions. Tetrahedron: Asymmetry, 2008, 19, 2913-2923.	1.8	60
22	Enantioselective addition of trimethylsilyl cyanide to aldehydes catalysed by bifunctional BINOLAM-AlCl versus monofunctional BINOL-AlCl complexes. Tetrahedron, 2004, 60, 10487-10496.	1.9	57
23	Binolam-AlCl: A Two-Centre Catalyst for the Synthesis of Enantioenriched CyanohydrinO-Phosphates. Chemistry - A European Journal, 2005, 11, 3849-3862.	3.3	53
24	Recent Development in Palladium-Catalyzed Domino Reactions: Access to Materials and Biologically Important Carbo- and Heterocycles. Organometallics, 2019, 38, 1828-1867.	2.3	50
25	Palladium and Bimetallic Palladiumâ€“Nickel Nanoparticles Supported on Multiwalled Carbon Nanotubes: Application to Carboniï£¿Carbon Bondâ€Forming Reactions in Water. ChemCatChem, 2015, 7, 1841-1847.	3.7	49
26	Applications of bimetallic PdCu catalysts. Catalysis Science and Technology, 2021, 11, 2652-2702.	4.1	47
27	Synthetic Applications ofo-andp-Halobenzyl Sulfones as Zwitterionic Synthons:Â Preparation ofOrtho-Substituted Cinnamates and Biarylacetic Acids. Journal of Organic Chemistry, 2002, 67, 5216-5225.	3.2	45
28	Asymmetric synthesis of O-benzoyl cyanohydrins by reaction of aldehydes with benzoyl cyanide catalysed by BINOLAMâ€“Ti(IV) complexes. Tetrahedron: Asymmetry, 2005, 16, 2385-2389.	1.8	45
29	Binapâ€“Gold(I) versus Binapâ€“Silver Trifluoroacetate Complexes as Catalysts in 1,3â€Dipolar Cycloadditions of Azomethine Ylides. Chemistry - A European Journal, 2011, 17, 14224-14233.	3.3	45
30	Sequential hydrostannylation-cyclisation of Î´- and Ï‰-allenyl aryl halides. Cyclisation at the proximal carbon. Tetrahedron, 1996, 52, 13441-13454.	1.9	43
31	Enantioselective Synthesis ofO-Methoxycarbonyl Cyanohydrins: Chiral Building Blocks Generated by Bifunctional Catalysis with BINOLAM-AlCl. European Journal of Organic Chemistry, 2006, 2006, 1949-1958.	2.4	41
32	Bifunctional Binols: Chiral 3,3â€²â€Bis(aminomethyl)â€1,1â€²â€biâ€2â€naphthols (Binolams) in Asymmetric Catalysis. European Journal of Organic Chemistry, 2009, 2009, 2385-2400.	2.4	41
33	Enantioselective Synthesis of Polysubstituted Spiro-nitroprolinates Mediated by a (R,R)-Me-DuPhosÂ·AgF-Catalyzed 1,3-Dipolar Cycloaddition. Organic Letters, 2016, 18, 2926-2929.	4.6	41
34	Enantioselective desymmetrization reactions in asymmetric catalysis. Tetrahedron, 2022, 106-107, 132629.	1.9	40
35	Diastereoselective 1,3â€Dipolar Cycloaddition Reactions between Azomethine Ylides and Chiral Acrylates Derived from Methyl (S)â€and (R)â€Lactate â€“ Synthesis of Hepatitis C Virus RNAâ€Dependent RNA Polymerase Inhibitors. European Journal of Organic Chemistry, 2007, 2007, 5038-5049.	2.4	39
36	New chiral alanine template with a 1,2,3,6-tetrahydro-2-pyrazinone structure for the asymmetric synthesis of Î±-methyl Î±-amino acids. Tetrahedron: Asymmetry, 1998, 9, 2211-2214.	1.8	38

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37	Binap-gold(I) trifluoroacetate as a bifunctional catalyst for the synthesis of chiral prolines through 1,3-dipolar cycloaddition of azomethine ylides. Tetrahedron: Asymmetry, 2010, 21, 1184-1186.	1.8	38
38	Enantioselective synthesis of (S)-Î±-methylphenylalanine using (S)-BINOLAMs as new phase-transfer catalysts. Tetrahedron: Asymmetry, 2001, 12, 699-702.	1.8	36
39	Palladium catalysed queuing processes. Part 2:. Tetrahedron, 2001, 57, 1361-1367.	1.9	36
40	A hydrophilic heterogeneous cobalt catalyst for fluoride-free Hiyama, Suzuki, Heck and Hirao cross-coupling reactions in water. Green Chemistry, 2020, 22, 1353-1365.	9.0	36
41	Palladium catalysed tandem cyclisationâ€“anion capture. Part 7: Synthesis of derivatives of Î±-amino esters, nitrogen heterocycles and Î²-aryl/heteroaryl ethylamines via in situ generated vinylstannanes. Tetrahedron, 2001, 57, 607-615.	1.9	34
42	Palladium Catalysed Tandem Cyclisationâ€“Anion Capture. Part 5: Cascade Hydrostannylation-bis-cyclisation-intramolecular Anion Capture. Synthesis of Bridged- and Spiro-Cyclic Small and Macrocyclic Heterocycles. Tetrahedron, 2000, 56, 7541-7551.	1.9	32
43	Asymmetric synthesis of Î±-amino acids from Î±,Î²-(Z)-didehydroamino acid derivatives with 1,2,3,6-tetrahydropyrazin-2-one structure. Tetrahedron, 2001, 57, 6627-6640.	1.9	32
44	Immobilized piperazine on the surface of graphene oxide as a heterogeneous bifunctional acidâ€“base catalyst for the multicomponent synthesis of 2-amino-3-cyano-4H-chromenes. Green Chemistry, 2020, 22, 4604-4616.	9.0	32
45	Palladium Catalysed Tandem Cyclisationâ€“Anion Capture. Part 6: Synthesis of Sugar, Nucleoside, Purine, Benzodiazepinone and Î²-lactam Analogues via Capture of in situ Generated Vinylstannanes. Tetrahedron, 2000, 56, 7553-7560.	1.9	31
46	Microwave-assisted multicomponent diastereoselective 1,3-dipolar cycloaddition of ethyl glyoxylate derived azomethine ylides. Organic and Biomolecular Chemistry, 2013, 11, 662-675.	2.8	31
47	Diastereoselective and Enantiospecific Synthesis of Î³-Substituted Î±,Î²-Unsaturated Nitriles from O-Protected Allylic Cyanohydrins. Journal of Organic Chemistry, 2006, 71, 3837-3848.	3.2	30
48	Synthesis of pyrrolizidines and indolizidines by multicomponent 1,3-dipolar cycloaddition of azomethine ylides. Pure and Applied Chemistry, 2019, 91, 575-596.	1.9	30
49	Chiral gold(I) vs chiral silver complexes as catalysts for the enantioselective synthesis of the second generation GSK-hepatitis C virus inhibitor. Beilstein Journal of Organic Chemistry, 2011, 7, 988-996.	2.2	29
50	Switching Diastereoselectivity in Catalytic Enantioselective (3+2) Cycloadditions of Azomethine Ylides Promoted by Metal Salts and Privileged Segphos-Derived Ligands. Journal of Organic Chemistry, 2019, 84, 10593-10605.	3.2	29
51	Î²,Î³-efoxy sulfones in organic synthesis. Part 2: Preparation of Î²,Î³-bifunctionalized sulfones. Tetrahedron, 1991, 47, 5193-5202.	1.9	28
52	Binap-silver salts as chiral catalysts for the enantioselective 1,3-dipolar cycloaddition of azomethine ylides and alkenes. Tetrahedron: Asymmetry, 2012, 23, 1596-1606.	1.8	28
53	Efficient Diastereoâ€•and Enantioselective Synthesis of exoâ€Nitroprolinates by 1,3â€Dipolar Cycloadditions Catalyzed by Chiral Phosphoramiditeâ‹…Silver(I) Complexes. Advanced Synthesis and Catalysis, 2014, 356, 3861-3870.	4.3	28
54	Co/Cu bimetallic ZIF as New heterogeneous catalyst for reduction of nitroarenes and dyes. Applied Organometallic Chemistry, 2020, 34, e5522.	3.5	28

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55	A new bifunctional heterogeneous nanocatalyst for one-pot reduction-Schiff base condensation and reductionâ€“carbonylation of nitroarenes. RSC Advances, 2019, 9, 1362-1372.	3.6	27
56	Palladium catalysed cascade hydrostannylation-bis-cyclisation-intramolecular anion capture. Routes to bridged- and spiro-cyclic small and macrocyclic heterocycles. Tetrahedron Letters, 1996, 37, 4413-4416.	1.4	26
57	Stereodivergent routes in organic synthesis: carbohydrates, amino acids, alkaloids and terpenes. Organic and Biomolecular Chemistry, 2020, 18, 1232-1278.	2.8	25
58	Primary Amineâ€“2-Aminopyrimidine Chiral Organocatalysts for the Enantioselective Conjugate Addition of Branched Aldehydes to Maleimides. Synthesis, 2015, 47, 2199-2206.	2.3	24
59	Remote Substituent Effects on the Stereoselectivity and Organocatalytic Activity of Densely Substituted Unnatural Proline Esters in Aldol Reactions. European Journal of Organic Chemistry, 2015, 2015, 2503-2516.	2.4	23
60	Enantioselective Synthesis of exo-4-Nitroprolinates from NitroÂalkenes and Azomethine Ylides Catalyzed by Chiral PhosphorÂamiditeÂ·Silver(I) or Copper(II) Complexes. Synthesis, 2015, 47, 934-943.	2.3	23
61	Starch functionalized creatine for stabilization of gold nanoparticles: Efficient heterogeneous catalyst for the reduction of nitroarenes. Inorganica Chimica Acta, 2019, 495, 118965.	2.4	23
62	Asymmetric 1,3-Dipolar Cycloadditons of Stabilized Azomethine Ylides with Nitroalkenes. Current Topics in Medicinal Chemistry, 2014, 14, 1271-1282.	2.1	23
63	Synthesis of 3- and 4-substituted cyclic Î±-amino acids structurally related to ACPD. Tetrahedron, 1995, 51, 10259-10280.	1.9	22
64	New oxazinone and pyrazinone derivatives as chiral reagents for the asymmetric synthesis of Î±â€amino acids. Journal of Heterocyclic Chemistry, 2000, 37, 467-479.	2.6	22
65	Bifunctional primary amine 2-aminobenzimidazole organocatalyst anchored to trans-cyclohexane-1,2-diamine in enantioselective conjugate additions of aldehydes. Tetrahedron: Asymmetry, 2016, 27, 118-122.	1.8	22
66	Synergistic Effects of ppm Levels of Palladium on Natural Clinochlore for Reduction of Nitroarenes. ChemSusChem, 2019, 12, 4240-4248.	6.8	22
67	SN2â€² Alkylation of Chiral Allylic CyanohydrinO-Phosphates with Organocuprates. European Journal of Organic Chemistry, 2007, 2007, 1101-1112.	2.4	21
68	1,3-Dipolar cycloadditions of azomethine ylides with chiral acrylates derived from methyl (S)- and (R)-lactate: diastereo- and enantioselective synthesis of polysubstituted prolines. Tetrahedron: Asymmetry, 2006, 17, 1985-1989.	1.8	20
69	Convergent asymmetric synthesis of indolizidines from (S)-5-(tosylmethyl)-2-pyrrolidinone: synthesis of (â^')-1-coniceine. Tetrahedron: Asymmetry, 2001, 12, 2205-2211.	1.8	19
70	Synthesis of highly functionalized 2-(pyrrolidin-1-yl)thiazole frameworks with interesting antibacterial and antimycobacterial activity. Tetrahedron, 2017, 73, 6718-6727.	1.9	19
71	Enantioselective synthesis of proline derivatives by 1,3-dipolar cycloadditions. Monatshefte FÃ¼r Chemie, 2011, 142, 659-680.	1.8	18
72	Binap and Phosphoramidites as Privileged Chiral Ligands for the Metalâ€Catalyzed Enantioselective 1,3â€Dipolar Cycloaddition of Azomethine Ylides. Chemical Record, 2016, 16, 2430-2448.	5.8	18

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73	Dilithiation of 2-(chloromethyl)-3-tosylpropene: Synthesis and reactivity of a new chlorinated allyl sulfone dianion. Tetrahedron Letters, 1992, 33, 6543-6546.	1.4	17
74	2-(chloromethyl)-3-tosylpropene as useful reagent for the general synthesis of functionalized 2-substituted 1,3-dienes. Application to the synthesis of (Â±)-ipsenol. Tetrahedron Letters, 1993, 34, 3781-3784.	1.4	17
75	Enantioenriched cyanohydrin O-phosphates: Synthesis and applications as chiral building blocks. Pure and Applied Chemistry, 2007, 79, 213-221.	1.9	17
76	Synthesis of Chromen[4,3â€b]pyrrolidines by Intramolecular 1,3â€Dipolar Cycloadditions of Azomethine Ylides: An Experimental and Computational Assessment of the Origin of Stereocontrol. European Journal of Organic Chemistry, 2015, 2015, 4689-4698.	2.4	17
77	Binapâ€“silver-catalyzed enantioselective multicomponent 1,3-dipolar cycloaddition of azomethines ylides derived from ethyl glyoxylate. Tetrahedron: Asymmetry, 2015, 26, 674-678.	1.8	17
78	PyrimidineâEDerived Prolinamides as Recoverable Bifunctional Organocatalysts for Enantioselective Interâ€•and Intramolecular Aldol Reactions under Solventâ€Free Conditions. European Journal of Organic Chemistry, 2015, 2015, 2614-2621.	2.4	17
79	g-C₃N₄/Î³-Fe₂O₃/TiO₂/Pd: a new magnetically separable photocatalyst for visible-light-driven fluoride-free Hiyama and Suzukiâ€“Miyaura cross-coupling reactions at room temperature. New Journal of Chemistry, 2020, 44, 11513-11526.	2.8	17
80	A novel base-metal multifunctional catalyst for the synthesis of 2-amino-3-cyano-4H-chromenes by a multicomponent tandem oxidation process. Scientific Reports, 2022, 12, 2867.	3.3	17
81	Synthesis of Î²- and Î³-hydroxy sulfones by regioselective opening of Î²,Î³-epoxy sulfones. Tetrahedron, 1990, 46, 3993-4002.	1.9	16
82	Tosylated lithium 2-(lithiomethyl)-2-propen-1-olate: a Î³-alkoxide allyl sulfone anion in organic synthesis. Tetrahedron, 1994, 50, 6603-6620.	1.9	16
83	Chiral (Z)-Î±,Î²-didehydroamino acid derivatives from a new chiral glycine equivalent with a 1,2,3,6-tetrahydropyrazin-2-one structure: applications to the synthesis of 1-aminocyclopropanecarboxylic acids and bicyclic Î±-amino acids. Tetrahedron: Asymmetry, 2000, 11, 1051-1055.	1.8	15
84	Synthesis of Î±,Î²-diamino acid derivatives via asymmetric Mannich reactions of glycine imino esters catalyzed by a chiral phosphoramiditeÂ·silver complex. Tetrahedron: Asymmetry, 2014, 25, 1647-1653.	1.8	15
85	Regio and diastereoselective multicomponent 1,3-dipolar cycloadditions between prolinate hydrochlorides, aldehydes and dipolarophiles for the direct synthesis of pyrrolizidines. Tetrahedron, 2015, 71, 9645-9661.	1.9	15
86	Sequential Metal-Free Thermal 1,3-Dipolar Cycloaddition of Unactivated Azomethine Ylides. Organic Letters, 2018, 20, 3522-3526.	4.6	15
87	Clinochloreâ€Supported Copper Nanoparticles as Green and Efficient Catalyst for Roomâ€Temperature Synthesis of 1,2,3â€Triazoles in Water. ChemistrySelect, 2019, 4, 3151-3160.	1.5	15
88	New Nanomagnetic Heterogeneous Cobalt Catalyst for the Synthesis of Aryl Nitriles and Biaryls. ACS Omega, 2020, 5, 18619-18627.	3.5	15
89	Stereodivergent routes in organic synthesis: marine natural products, lactones, other natural products, heterocycles and unnatural compounds. Organic and Biomolecular Chemistry, 2020, 18, 1279-1336.	2.8	15
90	Bimetallic Feâ€“Cu metal organic frameworks for room temperature catalysis. Applied Organometallic Chemistry, 2022, 36, .	3.5	15

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91	Title is missing!. Angewandte Chemie, 2003, 115, 3251-3254.	2.0	14
92	Multicomponent synthesis of unnatural pyrrolizidines using 1,3-dipolar cycloaddition of proline esters. Chemical Communications, 2013, 49, 11218.	4.1	14
93	TaniaphosÂ·AgF-catalyzed enantioselective 1,3-dipolar cycloaddition of stabilized azomethine ylides derived from 2,2-dimethoxyacetaldehyde. Tetrahedron, 2016, 72, 6043-6051.	1.9	14
94	Diastereoselective [3 + 2] vs [4 + 2] Cycloadditions of Nitroprolinates with Î±,Î²-Unsaturated Aldehydes and Electrophilic Alkenes: An Example of Total Periselectivity. Journal of Organic Chemistry, 2017, 82, 6298-6312.	3.2	14
95	2-(Chloromethyl)-3-tosylpropene: An useful reagent for the synthesis of allyl sulfones. Tetrahedron, 1992, 48, 5179-5190.	1.9	13
96	One-Pot Iodosulfonylation Dehydroiodination of Alkenes: (E)-beta-Tosylstyrene: An Experiment for Undergraduate Organic Chemistry Laboratory. Journal of Chemical Education, 1995, 72, 664.	2.3	13
97	Silver-catalysed multicomponent 1,3-dipolar cycloaddition of 2-oxoaldehydes-derived azomethine ylides. Tetrahedron, 2015, 71, 8804-8816.	1.9	13
98	Deacylative Reactions: Synthetic Applications. European Journal of Organic Chemistry, 2018, 2018, 2394-2405.	2.4	13
99	High Performance Magnetically Separable Gâ€C₃N₄/Î³â€Fe₂O₃/TiO₂ Nanocomposite with Boosted Photocatalytic Capability towards the Cefixime Trihydrate Degradation under Visibleâ€Light. ChemistrySelect, 2020, 5, 10114-10127.	1.5	13
100	A general method for the synthesis of 2-alkyl substituted 1,3-dienes starting from 2-(chloromethyl)-3-tosylpropene. Tetrahedron, 1994, 50, 5829-5844.	1.9	12
101	Cooperative Catalysis with Coupled Chiral Induction in 1,3â€Dipolar Cycloadditions of Azomethine Ylides. Chemistry - A European Journal, 2018, 24, 8092-8097.	3.3	12
102	1-Butyl-3-methyl-2-(diphenylphosphino)imidazalolium hexafluorophosphate as an efficient ligand for recoverable palladium-catalyzed Suzuki-Miyaura reaction in neat water. Journal of Organometallic Chemistry, 2019, 901, 120941.	1.8	12
103	Solvent-free synthesis of racemic cyanohydrin O-phosphates. Arkivoc, 2005, 2005, 353-363.	0.5	12
104	Zeolitic imidazolate frameworks-67 (ZIF-67) supported PdCu nanoparticles for enhanced catalytic activity in Sonogashira-Hagihara and nitro group reduction under mild conditions. Molecular Catalysis, 2022, 518, 112093.	2.0	12
105	A simple method for the synthesis of Î³-functionalized vinyl and allyl sulfones. Tetrahedron, 1991, 47, 6337-6352.	1.9	11
106	Palladium Nanoparticles on a Creatineâ€Modified Bentonite Support: An Efficient and Sustainable Catalyst for Nitroarene Reduction. ChemPlusChem, 2019, 84, 1122-1129.	2.8	11
107	Reactivity of 1,2â€Diazaâ€1,3â€dienes with Azomethine Ylides: [3+4] versus [3+2] Cycloadditions. European Journal of Organic Chemistry, 2016, 2016, 4144-4151.	2.4	10
108	Multilayer graphene functionalized through thermal 1,3-dipolar cycloadditions with imino esters: a versatile platform for supported ligands in catalysis. Chemical Communications, 2019, 55, 7462-7465.	4.1	10

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109	4-Amino-3-pentadecyl-3H-1,2,4-triazole-3-thiones and 3-pentadecyl-1,3,4-oxadiazole-2(3H)-thione for the preparation of dimeric palladium(II) complexes and their applications in Tsuji-Trost and Mizoroki-Heck reactions. Synthetic Communications, 2019, 49, 1301-1307.	2.1	10
110	Ionic liquid modified carbon nanotube supported palladium nanoparticles for efficient Sonogashira-Hagihara reaction. Journal of Organometallic Chemistry, 2022, 963, 122295.	1.8	10
111	Novel Water Dispersible and Magnetically Recoverable Palladium Nano Catalyst for Roomâ€Temperature Suzukiâ€Miyaura Coupling Reaction. ChemistrySelect, 2021, 6, 13906-13917.	1.5	10
112	Dilithiated 2-(Chloromethyl)-3-tosylpropene: A New Î³-Chlorinated Allyl Sulfone Dianion in Organic Synthesis. Tetrahedron, 1994, 50, 3491-3508.	1.9	9
113	Design and synthesis of novel 1,4-benzodiazepine surrogates as potential CCKA and CCKB antagonists via palladium-catalyzed three-component cascade reactions. Tetrahedron, 2018, 74, 6-11.	1.9	9
114	Enantioselective electrophilic fluorination of Î±-aryl-tetralones using a preparation of N-fluoroammonium salts of cinchonine. Journal of Fluorine Chemistry, 2019, 217, 72-79.	1.7	9
115	Human hair catalyzed selective reduction of nitroarenes to amines. Canadian Journal of Chemistry, 2020, 98, 244-249.	1.1	9
116	A new nanomagnetic Pd-Co bimetallic alloy as catalyst in the Mizorokiâ€“Heck and Buchwaldâ€“Hartwig amination reactions in aqueous media. Scientific Reports, 2021, 11, 17025.	3.3	9
117	BINAP-AgSbF6 vs. BINAP-AgClO4 Complexes as Catalysts for the Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Ylides and Alkenes. Synlett, 2010, 2010, 962-966.	1.8	8
118	Mechanistic studies on the enantioselective BINOLAM/titanium(IV)-catalyzed cyanobenzoylation of aldehydes: Part 1. Tetrahedron: Asymmetry, 2011, 22, 1282-1291.	1.8	8
119	Domino 1,3-Dipolar Cycloadditions of N-Alkyl-Î±-Amino Esters with Paraformaldehyde: A Direct Access to Î±-Hydroxymethyl Î±-Amino Acids. Synthesis, 2014, 46, 967-971.	2.3	8
120	Coinage metal complexes as chiral catalysts for 1,3-dipolar cycloadditions. Journal of Organometallic Chemistry, 2014, 771, 78-78.	1.8	8
121	Synthesis of 3,3-Disubstituted 2-Oxindoles by Deacylative Alkylation of 3-Acetyl-2-oxindoles. Synthesis, 2017, 49, 5203-5210.	2.3	8
122	Study of the anti(myco)bacterial and antitumor activities of prolinate and N-amidocarbothiolprolinate derivatives based on fused tetrahydropyrrolo[3,4-c]pyrrole-1,3(2H,3aH)-dione, bearing an indole ring. Monatshefte FÃ¼r Chemie, 2018, 149, 2253-2263.	1.8	8
123	From Bioactive Pyrrolidino[3,4-c]pyrrolidines to more Bioactive Pyrrolidino[3,4-b]pyrrolidines via Ring-Opening/Ring-Closing Promoted by Sodium Methoxide. Synthesis, 2019, 51, 1565-1577.	2.3	8
124	Tandem imine formation via auto-hydrogen transfer from alcohols to nitro compounds catalyzed by a nanomagnetically recyclable copper catalyst under solvent-free conditions. RSC Advances, 2021, 11, 19121-19127.	3.6	8
125	Low-amount palladium supported on Fe-Cu MOF: Synergetic effect between Pd, Cu and Fe in Sonogashira-Hagihara coupling reaction and reduction of organic dyes. Molecular Catalysis, 2022, 522, 112199.	2.0	8
126	Synthetic scope and DFT analysis of the chiral binapâ€“gold(I) complex-catalyzed 1,3-dipolar cycloaddition of azlactones with alkenes. Beilstein Journal of Organic Chemistry, 2013, 9, 2422-2433.	2.2	7

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127	Synthesis of 3-substituted 3-fluoro-2-oxindoles by deacylative alkylation. Organic and Biomolecular Chemistry, 2019, 17, 482-489.	2.8	7
128	Deacylative Alkylation vs. Photoredox Catalysis in the Synthesis of 3,3'â€Bioxindoles. European Journal of Organic Chemistry, 2020, 2020, 3101-3109.	2.4	7
129	Solvent-Free Synthesis of Racemic Î±-Aminonitriles. Synthesis, 2007, 2007, 1230-1234.	2.3	6
130	Kinetic Study of Thermal 1,3â€Dipolar Cycloaddition of Azomethine Ylides by Using Differential Scanning Calorimetry. ChemPlusChem, 2012, 77, 770-777.	2.8	6
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