Patricia GarcÃ-a-GarcÃ-a

List of Publications by Year
in descending order

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Version: 2024-02-01

57 papers	2,499 citations	172457 29 h-index	197818 49 g-index
88 all docs	88 docs citations	88 times ranked	2221 citing authors

#	Article	IF	Citations
1	A Powerful Chiral Counteranion Motif for Asymmetric Catalysis. Angewandte Chemie - International Edition, 2009, 48, 4363-4366.	13.8	257
2	Catalytic Asymmetric Michael Reactions of Acetaldehyde. Angewandte Chemie - International Edition, 2008, 47, 4719-4721.	13.8	226
3	Gold(I)â€Catalyzed Enantioselective Synthesis of Functionalized Indenes. Angewandte Chemie - International Edition, 2010, 49, 4633-4637.	13.8	150
4	Gold-Catalyzed Intermolecular Hetero-Dehydro-Dielsâ^'Alder Cycloaddition of Captodative Dienynes with Nitriles:â€‰ A New Reaction and Regioselective Direct Access to Pyridines. Journal of the American Chemical Society, 2008, 130, 2764-2765.	13.7	142
5	1,3-Dien-5-ynes: Versatile Building Blocks for the Synthesis of Carbo- and Heterocycles. Chemical Reviews, 2016, 116, 8256-8311.	47.7	89
6	A Practical, One-Pot Synthesis of Highly Substituted Thiophenes and Benzo[b]thiophenes from Bromoenynes and o-Alkynylbromobenzenes. Organic Letters, 2011, 13, 5100-5103.	4.6	87
7	Highly Enantio- and Diastereoselective Tandem Generation of Cyclopropyl Alcohols with up to Four Contiguous Stereocenters. Journal of the American Chemical Society, 2005, 127, 13138-13139.	13.7	81
8	Pinacol as a New Green Reducing Agent: Molybdenumâ€•Catalyzed Chemoselective Reduction of Sulfoxides and Nitroaromatics. Advanced Synthesis and Catalysis, 2012, 354, 321-327.	4.3	79
9	An unprecedented use for glycerol: chemoselective reducing agent for sulfoxides. Green Chemistry, 2013, 15, 999.	9.0	65
10	Multi-component reactions involving group 6 Fischer carbene complexes: a source of inspiration for future catalytic transformations. Chemical Communications, 2010, 46, 7670.	4.1	63
11	BrÃ¸nsted Acid Catalyzed Alkylation of Indoles with Tertiary Propargylic Alcohols: Scope and Limitations. European Journal of Organic Chemistry, 2010, 2010, 7027-7039.	2.4	59
12	Synthesis of Diverse Indoleâ€Containing Scaffolds by Gold(I)â€Catalyzed Tandem Reactions of 3â€Propargylindoles Initiated by 1,2â€Indole Migrations: Scope and Computational Studies. Chemistry - A European Journal, 2010, 16, 9818-9828.	3.3	59
13	Goldâ€Catalyzed Cycloaromatization of 2,4â€Dienâ€6â€yne Carboxylic Acids: Synthesis of 2,3â€Disubstituted Phenols and Unsymmetrical Biâ€•and Terphenyls. Angewandte Chemie - International Edition, 2009, 48, 5534-5537.	13.8	56
14	Gold(I)-Catalyzed Tandem Cyclizationâ€“Selective Migration Reaction of 1,3-Dien-5-ynes: Regioselective Synthesis of Highly Substituted Benzenes. Organic Letters, 2011, 13, 4970-4973.	4.6	53
15	A selective, efficient and environmentally friendly method for the oxidative cleavage of glycols. Green Chemistry, 2016, 18, 2335-2340.	9.0	53
16	Approaches to the Synthesis of 2,3-Dihaloanilines. Useful Precursors of 4-Functionalized-1H-indoles. Journal of Organic Chemistry, 2011, 76, 3416-3437.	3.2	48
17	Synthesis, Optical Properties, and Regioselective Functionalization of 4a-Aza-10a-boraphenanthrene. Organic Letters, 2017, 19, 3458-3461.	4.6	48
18	Chromium(0) Alkynylcarbene Complexes as Cî²-Electrophilic Carbene Equivalents: Regioselective Access to Dienynes and Dienediynes. Angewandte Chemie - International Edition, 2007, 46, 2610-2612.	13.8	43

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19	Straightforward Synthesis of Dihydrobenzo[a]fluorenes through Au(I)-Catalyzed Formal [3 + 3] Cycloadditions. Organic Letters, 2012, 14, 4778-4781.	4.6	41
20	Synthesis of Donor-Acceptor Alkynylcyclopropanes by Diastereoselective Cyclopropanation of Electron-Deficient Alkenes with Alkoxyalkynyl Fischer Carbene Complexes. Chemistry - A European Journal, 2006, 12, 303-313.	3.3	40
21	Formal [4 + 1] Cycloadditions of Î²,Î²-Diaryl-Substituted ortho-(Alkynyl)styrenes through Gold(I)-Catalyzed Cycloisomerization Reactions. Organic Letters, 2016, 18, 1072-1075.	4.6	40
22	Halocyclization of o-(alkynyl)styrenes. Synthesis of 3-halo-1H-indenes. Chemical Communications, 2010, 46, 7427.	4.1	39
23	Regioselective Synthesis of Elusive 4,9-Dihydro-1H-Carbazoles by Gold-Catalyzed Cycloisomerization of 3-Allenylmethylindoles. Journal of Organic Chemistry, 2013, 78, 9758-9771.	3.2	39
24	BrÃ¸nsted Acidâ€Catalyzed Straightforward Synthesis of Benzo[b]carbazoles from 2,3â€Unsubstituted Indoles. Advanced Synthesis and Catalysis, 2014, 356, 374-382.	4.3	39
25	Synthesis of functionalized helical BN-benzo[c]phenanthrenes. Chemical Communications, 2018, 54, 2467-2470.	4.1	39
26	Gold(I)â€Catalyzed Cycloisomerizations and Alkoxycyclizations of orthoâ€(Alkynyl)styrenes. Chemistry - A European Journal, 2015, 21, 3042-3052.	3.3	37
27	Enantioselective Synthesis of Cyclopentadienes by Gold(I)â€•Catalyzed Cyclization of 1,3â€Dienâ€5â€ynes. Advanced Synthesis and Catalysis, 2013, 355, 1955-1962.	4.3	34
28	Fluoride-Promoted Oxidation of Fischer Alkoxy Carbene Complexes:â€‰ Stoichiometric and Catalytic Conditions. Journal of Organic Chemistry, 2004, 69, 7352-7354.	3.2	32
29	Lithium Benzocyclobuteneoxide as a Precursor of a Vinylogous Enolate: Solvent-Controlled Synthesis of Highly Functionalized Seven-Membered Benzocarbocycles. Angewandte Chemie - International Edition, 2005, 44, 5875-5878.	13.8	31
30	Synthesis, Functionalization, and Optical Properties of 1,2-Dihydro-1-aza-2-boraphenanthrene and Several Highly Fluorescent Derivatives. Organic Letters, 2019, 21, 2550-2554.	4.6	27
31	Synthesis of Functionalized 1H-Indenes and Benzofulvenes through Iodocyclization of o-(Alkynyl)styrenes. Journal of Organic Chemistry, 2017, 82, 1155-1165.	3.2	24
32	Regioselective synthesis of oxepinones and azepinones by gold-catalyzed cycloisomerization of functionalyzed cyclopropyl alkynes. Chemical Communications, 2013, 49, 11185.	4.1	23
33	A New Member of the BN-Phenanthrene Family: Understanding the Role of the Bâ€”N Bond Position. Journal of Organic Chemistry, 2019, 84, 7113-7122.	3.2	23
34	Câ€“H Functionalization of BN-Aromatics Promoted by Addition of Organolithium Compounds to the Boron Atom. Organic Letters, 2018, 20, 4902-4906.	4.6	22
35	Recent developments in the chemistry of BN-aromatic hydrocarbons. Advances in Heterocyclic Chemistry, 2021, , 197-259.	1.7	22
36	Competitive Pathways in the Reaction of Lithium Oxyâ€•ortho â€quinodimethanes and Fischer Alkoxy Alkynyl Carbene Complexes: Synthesis of Highly Functionalised Sevenâ€Membered Benzocarbocycles. Chemistry - A European Journal, 2011, 17, 564-571.	3.3	20

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37	Solvent- and ligand-induced switch of selectivity in gold(I)-catalyzed tandem reactions of 3-propargylindoles. Beilstein Journal of Organic Chemistry, 2011, 7, 786-793.	2.2	17
38	Gold(I)-catalyzed 6-endo hydroxycyclization of 7-substituted-1,6-enynes. Beilstein Journal of Organic Chemistry, 2013, 9, 2242-2249.	2.2	16
39	Synthesis of 2-Indol-3-ylbenzofulvenes through a Tandem Reaction Catalyzed by Cationic Gold(I) Complexes. Synthesis, 2012, 44, 1874-1884.	2.3	14
40	Selective Synthesis of Phenanthrenes and Dihydrophenanthrenes via Gold-Catalyzed Cycloisomerization of Biphenyl Embedded Trienynes. Organic Letters, 2020, 22, 8464-8469.	4.6	14
41	Chromium(0) Alkynylcarbene Complexes as CÎ²-Electrophilic Carbene Equivalents: Regioselective Access to Dienynes and Dienediynes. Angewandte Chemie, 2007, 119, 2664-2666.	2.0	13
42	Goldâ€Catalyzed Cycloisomerizations of Functionalyzed Cyclopropyl Alkynes: the Cases of Carboxamides and Alcohols. Advanced Synthesis and Catalysis, 2017, 359, 3035-3051.	4.3	13
43	Regiodivergent Electrophilic Cyclizations of Alkynylcyclobutanes for the Synthesis of Cyclobutane-Fused O-Heterocycles. Journal of Organic Chemistry, 2019, 84, 5712-5725.	3.2	13
44	Expanding the BN-embedded PAH family: 4a-aza-12a-borachrysene. Chemical Communications, 2020, 56, 3669-3672.	4.1	13
45	A sub-stoichiometric tungsten-mediated Pausonâ€“Khand reaction: Scope and limitations. Journal of Organometallic Chemistry, 2008, 693, 3092-3096.	1.8	12
46	Up to Sevenâ€Component Adducts by Unprecedented Multiple Alkyne and Carbonyl Insertions in the Metalâ€“Carbon Bond of Chromium Alkoxy Alkynyl Carbene Complexes. Chemistry - A European Journal, 2007, 13, 9115-9126.	3.3	11
47	A practical and chemoselective Mo-catalysed sulfoxide reduction protocol using a 3-mercaptopropyl-functionalized silica gel (MPS). RSC Advances, 2016, 6, 27083-27086.	3.6	10
48	Multicomponent Cascade Reactions Triggered by Cycloaddition of Fischer Alkoxy Alkynyl Carbene Complexes with Strained Bicyclic Olefins. Organometallics, 2009, 28, 361-369.	2.3	9
49	Remarkable effect of alkynyl substituents on the fluorescence properties of a BN-phenanthrene. Beilstein Journal of Organic Chemistry, 2019, 15, 1257-1261.	2.2	9
50	1,10a-Dihydro-1-aza-10a-boraphenanthrene and 6a,7-Dihydro-7-aza-6a-boratetraphene: Two New Fluorescent BN-PAHs. Journal of Organic Chemistry, 2021, 86, 16259-16267.	3.2	9
51	Domino [2+2]/[2+1] and [3+2]/[2+1] Reaction Sequences of Alkynyl(alkoxy) Chromium Fischer Carbene Complexes. European Journal of Organic Chemistry, 2007, 2007, 3480-3487.	2.4	7
52	Synthesis and Photophysical Behavior of a Highly Fluorescent Family of Unsymmetrical Organoboron Complexes Containing 5-(Pyridin-2-ylmethylene)imidazolidine-2,4-dione Moieties. Journal of Organic Chemistry, 2020, 85, 441-448.	3.2	6
53	Metalâ€Free Temperatureâ€Controlled Regiodivergent Borylative Cyclizations of Enynes: BCl₃â€Promoted Skeletal Rearrangement. Angewandte Chemie - International Edition, 2022, 61, .	13.8	3
54	Fluoride-Promoted Oxidation of Fischer Alkoxy Carbene Complexes: Stoichiometric and Catalytic Conditions.. ChemInform, 2005, 36, no.	0.0	0

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55	Lithium Benzocyclobuteneoxide as a Precursor of a Vinylogous Enolate: Solvent-Controlled Synthesis of Highly Functionalized Seven-Membered Benzocarbocycles.. ChemInform, 2005, 36, no.	0.0	0
56	Highly Enantio- and Diastereoselective Tandem Generation of Cyclopropyl Alcohols with up to Four Contiguous Stereocenters.. ChemInform, 2006, 37, no.	0.0	0
57	Metalâ€Free Temperatureâ€Controlled Regiodivergent Borylative Cyclizations of Enynes: BCl3â€Promoted Skeletal Rearrangement. Angewandte Chemie, 0, , .	2.0	0