

# Patricia GarcÃ-a-GarcÃ-a

## List of Publications by Year in descending order

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57  
papers

2,499  
citations

172207

29  
h-index

197535

49  
g-index

88  
all docs

88  
docs citations

88  
times ranked

2221  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Metal-Free Temperature-Controlled Regiodivergent Borylative Cyclizations of Enynes: BCl <sub>3</sub> -Promoted Skeletal Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .                                     | 7.2  | 3         |
| 2  | Recent developments in the chemistry of BN-aromatic hydrocarbons. <i>Advances in Heterocyclic Chemistry</i> , 2021, , 197-259.  | 0.9  | 22        |
| 3  | 1,10a-Dihydro-1-aza-10a-boraphenanthrene and 6a,7-Dihydro-7-aza-6a-boratetraphene: Two New Fluorescent BN-PAHs. <i>Journal of Organic Chemistry</i> , 2021, 86, 16259-16267.  | 1.7  | 9         |
| 4  | Synthesis and Photophysical Behavior of a Highly Fluorescent Family of Unsymmetrical Organoboron Complexes Containing 5-(Pyridin-2-ylmethylene)imidazolidine-2,4-dione Moieties. <i>Journal of Organic Chemistry</i> , 2020, 85, 441-448. | 1.7  | 6         |
| 5  | Selective Synthesis of Phenanthrenes and Dihydrophenanthrenes via Gold-Catalyzed Cycloisomerization of Biphenyl Embedded Trienynes. <i>Organic Letters</i> , 2020, 22, 8464-8469.   | 2.4  | 14        |
| 6  | Expanding the BN-embedded PAH family: 4-aza-12-borachrysene. <i>Chemical Communications</i> , 2020, 56, 3669-3672.  | 2.2  | 13        |
| 7  | Remarkable effect of alkynyl substituents on the fluorescence properties of a BN-phenanthrene. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1257-1261.   | 1.3  | 9         |
| 8  | A New Member of the BN-Phenanthrene Family: Understanding the Role of the B-N Bond Position. <i>Journal of Organic Chemistry</i> , 2019, 84, 7113-7122.   | 1.7  | 23        |
| 9  | Regiodivergent Electrophilic Cyclizations of Alkynylcyclobutanes for the Synthesis of Cyclobutane-Fused O-Heterocycles. <i>Journal of Organic Chemistry</i> , 2019, 84, 5712-5725.  | 1.7  | 13        |
| 10 | Synthesis, Functionalization, and Optical Properties of 1,2-Dihydro-1-aza-2-boraphenanthrene and Several Highly Fluorescent Derivatives. <i>Organic Letters</i> , 2019, 21, 2550-2554.  | 2.4  | 27        |
| 11 | Synthesis of functionalized helical BN-benzo[ <i>c</i> ]phenanthrenes. <i>Chemical Communications</i> , 2018, 54, 2467-2470.  | 2.2  | 39        |
| 12 | C-H Functionalization of BN-Aromatics Promoted by Addition of Organolithium Compounds to the Boron Atom. <i>Organic Letters</i> , 2018, 20, 4902-4906.  | 2.4  | 22        |
| 13 | Gold-Catalyzed Cycloisomerizations of Functionalized Cyclopropyl Alkynes: the Cases of Carboxamides and Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3035-3051.   | 2.1  | 13        |
| 14 | Synthesis, Optical Properties, and Regioselective Functionalization of 4a-Aza-10a-boraphenanthrene. <i>Organic Letters</i> , 2017, 19, 3458-3461.   | 2.4  | 48        |
| 15 | Synthesis of Functionalized 1-H-Indenes and Benzofulvenes through Iodocyclization of <i>o</i> -(Alkynyl)styrenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 1155-1165.  | 1.7  | 24        |
| 16 | 1,3-Dien-5-yne: Versatile Building Blocks for the Synthesis of Carbo- and Heterocycles. <i>Chemical Reviews</i> , 2016, 116, 8256-8311.   | 23.0 | 89        |
| 17 | A selective, efficient and environmentally friendly method for the oxidative cleavage of glycols. <i>Green Chemistry</i> , 2016, 18, 2335-2340.   | 4.6  | 53        |
| 18 | Formal [4 + 1] Cycloadditions of $\beta^2,\beta^2$ -Diaryl-Substituted <i>ortho</i> -(Alkynyl)styrenes through Gold(I)-Catalyzed Cycloisomerization Reactions. <i>Organic Letters</i> , 2016, 18, 1072-1075.                              | 2.4  | 40        |

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|----|--|-----|-----------|
| 19 | A practical and chemoselective Mo-catalysed sulfoxide reduction protocol using a 3-mercaptopropyl-functionalized silica gel (MPS). <i>RSC Advances</i> , 2016, 6, 27083-27086.   | 1.7 | 10        |
| 20 | Gold(I)-Catalyzed Cycloisomerizations and Alkoxy cyclizations of <i>ortho</i> -(Alkynyl)styrenes. <i>Chemistry - A European Journal</i> , 2015, 21, 3042-3052.   | 1.7 | 37        |
| 21 | Brønsted Acid-Catalyzed Straightforward Synthesis of Benzo[ <i>b</i> ]carbazoles from 2,3-Unsubstituted Indoles. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 374-382.   | 2.1 | 39        |
| 22 | Enantioselective Synthesis of Cyclopentadienes by Gold(I)-Catalyzed Cyclization of 1,3-Dien-5-ynes. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1955-1962.  | 2.1 | 34        |
| 23 | Regioselective synthesis of oxepinones and azepinones by gold-catalyzed cycloisomerization of functionalized cyclopropyl alkynes. <i>Chemical Communications</i> , 2013, 49, 11185.  | 2.2 | 23        |
| 24 | Regioselective Synthesis of Elusive 4,9-Dihydro-1 <i>H</i> -Carbazoles by Gold-Catalyzed Cycloisomerization of 3-Alkenylmethylindoles. <i>Journal of Organic Chemistry</i> , 2013, 78, 9758-9771.  | 1.7 | 39        |
| 25 | An unprecedented use for glycerol: chemoselective reducing agent for sulfoxides. <i>Green Chemistry</i> , 2013, 15, 999.   | 4.6 | 65        |
| 26 | Gold(I)-catalyzed 6- <i>endo</i> hydroxycyclization of 7-substituted-1,6-enynes. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2242-2249.   | 1.3 | 16        |
| 27 | Synthesis of 2-Indol-3-ylbenzofulvenes through a Tandem Reaction Catalyzed by Cationic Gold(I) Complexes. <i>Synthesis</i> , 2012, 44, 1874-1884.  | 1.2 | 14        |
| 28 | Straightforward Synthesis of Dihydrobenzo[ <i>a</i> ]fluorenes through Au(I)-Catalyzed Formal [3 + 3] Cycloadditions. <i>Organic Letters</i> , 2012, 14, 4778-4781.  | 2.4 | 41        |
| 29 | Pinacol as a New Green Reducing Agent: Molybdenum-Catalyzed Chemoselective Reduction of Sulfoxides and Nitroaromatics. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 321-327.   | 2.1 | 79        |
| 30 | Gold(I)-Catalyzed Tandem Cyclization-Selective Migration Reaction of 1,3-Dien-5-ynes: Regioselective Synthesis of Highly Substituted Benzenes. <i>Organic Letters</i> , 2011, 13, 4970-4973.   | 2.4 | 53        |
| 31 | A Practical, One-Pot Synthesis of Highly Substituted Thiophenes and Benzo[ <i>b</i> ]thiophenes from Bromoenynes and <i>ortho</i> -Alkynylbromobenzenes. <i>Organic Letters</i> , 2011, 13, 5100-5103.   | 2.4 | 87        |
| 32 | Approaches to the Synthesis of 2,3-Dihaloanilines. Useful Precursors of 4-Functionalized-1 <i>H</i> -indoles. <i>Journal of Organic Chemistry</i> , 2011, 76, 3416-3437.   | 1.7 | 48        |
| 33 | Solvent- and ligand-induced switch of selectivity in gold(I)-catalyzed tandem reactions of 3-propargylindoles. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 786-793.   | 1.3 | 17        |
| 34 | Competitive Pathways in the Reaction of Lithium Oxy- <i>ortho</i> quinodimethanes and Fischer Alkoxy Alkynyl Carbene Complexes: Synthesis of Highly Functionalised Seven-Membered Benzocarbocycles. <i>Chemistry - A European Journal</i> , 2011, 17, 564-571. | 1.7 | 20        |
| 35 | Multi-component reactions involving group 6 Fischer carbene complexes: a source of inspiration for future catalytic transformations. <i>Chemical Communications</i> , 2010, 46, 7670.  | 2.2 | 63        |
| 36 | Brønsted Acid Catalyzed Alkylation of Indoles with Tertiary Propargylic Alcohols: Scope and Limitations. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 7027-7039.   | 1.2 | 59        |

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|----|---|-----|-----------|
| 37 | Synthesis of Diverse Indole-Containing Scaffolds by Gold(I)-Catalyzed Tandem Reactions of 3-Propargylindoles Initiated by 1,2-Indole Migrations: Scope and Computational Studies. <i>Chemistry - A European Journal</i> , 2010, 16, 9818-9828.    | 1.7 | 59        |
| 38 | Gold(I)-Catalyzed Enantioselective Synthesis of Functionalized Indenes. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4633-4637.   | 7.2 | 150       |
| 39 | Halocyclization of o-(alkynyl)styrenes. Synthesis of 3-halo-1H-indenes. <i>Chemical Communications</i> , 2010, 46, 7427.  | 2.2 | 39        |
| 40 | Gold-Catalyzed Cycloaromatization of 2,4-Dien-6-yno Carboxylic Acids: Synthesis of 2,3-Disubstituted Phenols and Unsymmetrical Bi- and Terphenyls. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5534-5537.                        | 7.2 | 56        |
| 41 | A Powerful Chiral Counteranion Motif for Asymmetric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4363-4366.  | 7.2 | 257       |
| 42 | Multicomponent Cascade Reactions Triggered by Cycloaddition of Fischer Alkoxy Alkynyl Carbene Complexes with Strained Bicyclic Olefins. <i>Organometallics</i> , 2009, 28, 361-369.   | 1.1 | 9         |
| 43 | Catalytic Asymmetric Michael Reactions of Acetaldehyde. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4719-4721.   | 7.2 | 226       |
| 44 | A sub-stoichiometric tungsten-mediated Pauson-Khand reaction: Scope and limitations. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3092-3096.   | 0.8 | 12        |
| 45 | Gold-Catalyzed Intermolecular Hetero-Dehydro-Diels-Alder Cycloaddition of Captodative Dienes with Nitriles: A New Reaction and Regioselective Direct Access to Pyridines. <i>Journal of the American Chemical Society</i> , 2008, 130, 2764-2765. | 6.6 | 142       |
| 46 | Up to Seven-Component Adducts by Unprecedented Multiple Alkyne and Carbonyl Insertions in the Metal-Carbon Bond of Chromium Alkoxy Alkynyl Carbene Complexes. <i>Chemistry - A European Journal</i> , 2007, 13, 9115-9126.                        | 1.7 | 11        |
| 47 | Chromium(0) Alkynylcarbene Complexes as C <sup>1</sup> -Electrophilic Carbene Equivalents: Regioselective Access to Dienes and Dienedienes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2610-2612.                               | 7.2 | 43        |
| 48 | Chromium(0) Alkynylcarbene Complexes as C <sup>1</sup> -Electrophilic Carbene Equivalents: Regioselective Access to Dienes and Dienedienes. <i>Angewandte Chemie</i> , 2007, 119, 2664-2666.  | 1.6 | 13        |
| 49 | Domino [2+2]/[2+1] and [3+2]/[2+1] Reaction Sequences of Alkynyl(alkoxy) Chromium Fischer Carbene Complexes. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3480-3487.  | 1.2 | 7         |
| 50 | Highly Enantio- and Diastereoselective Tandem Generation of Cyclopropyl Alcohols with up to Four Contiguous Stereocenters.. <i>ChemInform</i> , 2006, 37, no.   | 0.1 | 0         |
| 51 | Synthesis of Donor-Acceptor Alkynylcyclopropanes by Diastereoselective Cyclopropanation of Electron-Deficient Alkenes with Alkoxyalkynyl Fischer Carbene Complexes. <i>Chemistry - A European Journal</i> , 2006, 12, 303-313.                    | 1.7 | 40        |
| 52 | Lithium Benzocyclobuteneoxide as a Precursor of a Vinylogous Enolate: Solvent-Controlled Synthesis of Highly Functionalized Seven-Membered Benzocarbocycles. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5875-5878.              | 7.2 | 31        |
| 53 | Fluoride-Promoted Oxidation of Fischer Alkoxy Carbene Complexes: Stoichiometric and Catalytic Conditions.. <i>ChemInform</i> , 2005, 36, no.  | 0.1 | 0         |
| 54 | Lithium Benzocyclobuteneoxide as a Precursor of a Vinylogous Enolate: Solvent-Controlled Synthesis of Highly Functionalized Seven-Membered Benzocarbocycles.. <i>ChemInform</i> , 2005, 36, no.   | 0.1 | 0         |

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| 55 | Highly Enantio- and Diastereoselective Tandem Generation of Cyclopropyl Alcohols with up to Four Contiguous Stereocenters. <i>Journal of the American Chemical Society</i> , 2005, 127, 13138-13139. | 6.6 | 81        |
| 56 | Fluoride-Promoted Oxidation of Fischer Alkoxy Carbene Complexes: Stoichiometric and Catalytic Conditions. <i>Journal of Organic Chemistry</i> , 2004, 69, 7352-7354.                                 | 1.7 | 32        |
| 57 | Metal-Free Temperature-Controlled Regiodivergent Borylative Cyclizations of Enynes: BCl <sub>3</sub> -Promoted Skeletal Rearrangement. <i>Angewandte Chemie</i> , 0, , .                             | 1.6 | 0         |