

Emma Gallo

List of Publications by Year in descending order

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83
papers

3,706
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117625

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3081
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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Valorization of CO ₂ into <i>N</i> -alkyl Oxazolidin-2-ones Promoted by Metal-Free Porphyrin/TBACl System: Experimental and Computational Studies. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2807-2814. | 2.4 | 7 |
| 2 | An In-Depth Computational Study of Alkene Cyclopropanation Catalyzed by Fe(porphyrin)(OCH ₃) ₃ Complexes. The Environmental Effects on the Energy Barriers. <i>Inorganic Chemistry</i> , 2020, 59, 11329-11336. | 4.0 | 13 |
| 3 | Iron catalysts with N-ligands for carbene transfer of diazo reagents. <i>Chemical Society Reviews</i> , 2020, 49, 4867-4905. | 38.1 | 74 |
| 4 | Indoles from Alkynes and Aryl Azides: Scope and Theoretical Assessment of Ruthenium Porphyrin-Catalyzed Reactions. <i>Chemistry - A European Journal</i> , 2019, 25, 16591-16605. | 3.3 | 8 |
| 5 | Iron and Ruthenium Glycoporphyrins: Active Catalysts for the Synthesis of Cyclopropanes and Aziridines. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4412-4420. | 2.0 | 10 |
| 6 | Ruthenium Porphyrin Catalyzed Synthesis of Oxazolidin-2-ones by Cycloaddition of CO ₂ to Aziridines. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 5258-5262. | 2.0 | 18 |
| 7 | Sensing of diclofenac by a porphyrin-based artificial receptor. <i>New Journal of Chemistry</i> , 2018, 42, 15778-15783. | 2.8 | 8 |
| 8 | Synthesis, characterisation and catalytic use of iron porphyrin amino ester conjugates. <i>New Journal of Chemistry</i> , 2017, 41, 5950-5959. | 2.8 | 11 |
| 9 | Resonance Raman spectroscopy as an in situ probe for monitoring catalytic events in a Ru porphyrin mediated amination reaction. <i>Analyst</i> , 2016, 141, 3050-3058. | 3.5 | 4 |
| 10 | Synthesis in mesoreactors: Ru(porphyrin)CO-catalyzed aziridination of olefins under continuous flow conditions. <i>Catalysis Science and Technology</i> , 2016, 6, 4700-4704. | 4.1 | 14 |
| 11 | Recent advances in C-H bond aminations catalyzed by ruthenium porphyrin complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 190-203. | 0.8 | 13 |
| 12 | Mineral Oil/Methanol: A Cheap Biphasic Reaction Medium with Thermomorphic Properties and Its Application to the Palladium-Catalyzed Carbonylation of Nitrobenzene to Methyl Phenylcarbamate. <i>ChemCatChem</i> , 2015, 7, 2241-2247. | 3.7 | 13 |
| 13 | Comparative Study of the Catalytic Amination of Benzylic C-H Bonds Promoted by Ru(TPP)(py) ₂ and Ru(TPP)(CO). <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4885-4893. | 2.0 | 14 |
| 14 | Synthesis of Indoles by Palladium-Catalyzed Reductive Cyclization of <i>N</i> -Nitrostyrenes with Carbon Monoxide as the Reductant. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5712-5715. | 2.4 | 36 |
| 15 | Glycoporphyrin Catalysts for Efficient C-H Bond Aminations by Organic Azides. <i>Organometallics</i> , 2015, 34, 3774-3781. | 2.3 | 30 |
| 16 | A mechanistic investigation of the ruthenium porphyrin catalysed aziridination of olefins by aryl azides. <i>Dalton Transactions</i> , 2015, 44, 10479-10489. | 3.3 | 33 |
| 17 | DFT Mechanistic Proposal of the Ruthenium Porphyrin-Catalyzed Allylic Amination by Organic Azides. <i>ACS Catalysis</i> , 2014, 4, 823-832. | 11.2 | 56 |
| 18 | DFT Conformational Studies of Chiral Bis-Binaphthyl Porphyrins and Their Metal Complexes Employed as Cyclopropanation Catalysts. <i>Organometallics</i> , 2014, 33, 6081-6088. | 2.3 | 11 |

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|----|---|------|-----------|
| 19 | Continuous flow asymmetric cyclopropanation reactions using Cu(<i>sc</i>) complexes of Pc-L* ligands supported on silica as catalysts with carbon dioxide as a carrier. <i>Green Chemistry</i> , 2014, 16, 3202-3209. | 9.0 | 35 |
| 20 | Indoles Rather than Triazoles from the Ruthenium Porphyrin-Catalyzed Reaction of Alkynes with Aryl Azides. <i>ACS Catalysis</i> , 2014, 4, 3820-3823. | 11.2 | 21 |
| 21 | [Silver(I)(Pyridine-Containing Ligand)] Complexes As Unusual Catalysts for A ³ -Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2014, 79, 7311-7320. | 3.2 | 88 |
| 22 | Synthesis of Biologically Relevant Compounds by Ruthenium Porphyrin Catalyzed Amination of Benzylic C-H Bonds. <i>Organometallics</i> , 2014, 33, 2210-2218. | 2.3 | 28 |
| 23 | Highly diastereoselective cyclopropanation of \pm -methylstyrene catalysed by a C ₂ -symmetrical chiral iron porphyrin complex. <i>Chemical Communications</i> , 2014, 50, 1811-1813. | 4.1 | 35 |
| 24 | Nitrogen ligands effects in the palladium-catalyzed carbonylation reaction of nitrobenzene to give N-methyl phenylcarbamate. <i>Journal of Organometallic Chemistry</i> , 2014, 771, 59-67. | 1.8 | 27 |
| 25 | Asymmetric cyclopropanation of olefins catalysed by Cu(<i>sc</i>) complexes of chiral pyridine-containing macrocyclic ligands (Pc-L*). <i>Dalton Transactions</i> , 2013, 42, 2451-2462. | 3.3 | 24 |
| 26 | Silica α -SHB-chiral Pc-L* copper complexes for halogen-free solvent cyclopropanation reactions. <i>RSC Advances</i> , 2013, 3, 22199. | 3.6 | 14 |
| 27 | Crystal structure of a chiral binaphthyl porphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 324-330. | 0.8 | 4 |
| 28 | Unexpected isomerism in α [Pd(2,9-dimethylphenanthroline) ₂] α (X = Cl, Br, I) complexes: a neutral and an ionic form exist. <i>Dalton Transactions</i> , 2012, 41, 3648. | 3.3 | 36 |
| 29 | Thiosemicarbazone copper complexes as competent catalysts for olefin cyclopropanations. <i>Journal of Organometallic Chemistry</i> , 2012, 714, 94-103. | 1.8 | 28 |
| 30 | Co(porphyrin)-catalysed amination of 1,2-dihydronaphthalene derivatives by aryl azides. <i>Journal of Organometallic Chemistry</i> , 2012, 716, 269-274. | 1.8 | 14 |
| 31 | [Ru(TPP)CO] α -Catalysed Intramolecular Benzylic C-H Bond Amination, Affording Phenanthridine and Dihydrophenanthridine Derivatives. <i>Chemistry - A European Journal</i> , 2012, 18, 10487-10490. | 3.3 | 47 |
| 32 | Insights into the Mechanism of the Ruthenium α -Porphyrin α -Catalysed Allylic Amination of Olefins by Aryl Azides. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 569-580. | 2.0 | 46 |
| 33 | Synthesis of chiral ruthenium and cobalt (<i>meso</i> -2-amidophenyl)porphyrins and their catalytic activity in cyclopropanation reactions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 602-611. | 0.8 | 9 |
| 34 | Synthesis of Heterocycles by Intramolecular Cyclization of Organic Azides. <i>Current Organic Chemistry</i> , 2011, 15, 1578-1592. | 1.6 | 26 |
| 35 | Cyclopropanation Reactions Mediated by Group 9 Metal Porphyrin Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 5071-5081. | 2.0 | 69 |
| 36 | Henry reaction catalyzed by copper(I) complexes of a new pyridine-containing macrocyclic ligand. <i>Applied Organometallic Chemistry</i> , 2011, 25, 824-829. | 3.5 | 21 |

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|----|---|-----|-----------|
| 37 | New Nonsymmetric Phenanthrolines as Very Effective Ligands in the Palladium-Catalyzed Carbonylation of Nitrobenzene. <i>Organometallics</i> , 2010, 29, 1465-1471. | 2.3 | 45 |
| 38 | Catalytic Polymer Membranes under Forcing Conditions: Reduction of Nitrobenzene by CO/H ₂ O Catalyzed by Ruthenium Bis(arylimino)acenaphthene Complexes. <i>ChemCatChem</i> , 2010, 2, 1150-1164. | 3.7 | 34 |
| 39 | Polyoxometalates: Powerful Catalysts for Atom-Efficient Cyclopropanations. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2365-2370. | 4.3 | 15 |
| 40 | From homogeneously to heterogeneously catalyzed cyclopropanation reactions: New polymeric membranes embedding cobalt chiral schiff base complexes. <i>Journal of Molecular Catalysis A</i> , 2010, 317, 72-80. | 4.8 | 18 |
| 41 | Chiral "basket handle" binaphthyl porphyrins: synthesis, catalytic epoxidation and NMR conformational studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 646-659. | 0.8 | 17 |
| 42 | Ruthenium porphyrins-catalyzed atom-efficient amination of C-H bonds by arylazides. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 732-740. | 0.8 | 18 |
| 43 | Synthesis and characterization of new tetra-substituted porphyrins with exo-donor carboxylic groups as building blocks for supramolecular architectures: Catalytic and structural studies of their metalated derivatives. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 804-814. | 0.8 | 6 |
| 44 | Rearrangement of N-Aryl-2-vinylaziridines to Benzoazepines and Dihydropyrroles: A Synthetic and Theoretical Study. <i>Chemistry - A European Journal</i> , 2009, 15, 1241-1251. | 3.3 | 48 |
| 45 | The key intermediate in the amination of saturated C-H bonds: synthesis, X-ray characterization and catalytic activity of Ru(TPP)(NAr) ₂ (Ar = 3,5-(CF ₃) ₂ C ₆ H ₃). <i>Chemical Communications</i> , 2009, , 3952. | 4.1 | 108 |
| 46 | Nitrene transfer reactions mediated by metallo-porphyrin complexes. <i>Dalton Transactions</i> , 2009, , 5434. | 3.3 | 157 |
| 47 | Allylic Amination and Aziridination of Olefins by Aryl Azides Catalyzed by Co ^{II} (tpp): A Synthetic and Mechanistic Study. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3009-3019. | 2.0 | 75 |
| 48 | Heterogenization of ruthenium porphyrin complexes in polymeric membranes: Catalytic aziridination of styrenes. <i>Journal of Molecular Catalysis A</i> , 2008, 282, 85-91. | 4.8 | 23 |
| 49 | New ruthenium porphyrin polymeric membranes: Preparation and characterization. <i>Applied Catalysis A: General</i> , 2008, 335, 37-45. | 4.3 | 9 |
| 50 | Designing new ligands: asymmetric cyclopropanation by Cu(I) complexes based on functionalised pyridine-containing macrocyclic ligands. <i>Dalton Transactions</i> , 2008, , 4202. | 3.3 | 35 |
| 51 | Asymmetric Cyclopropanation of Olefins Catalyzed by Chiral Cobalt(II)-Binaphthyl Porphyrins. <i>Organometallics</i> , 2008, 27, 6143-6151. | 2.3 | 92 |
| 52 | Fluoride effect on the palladium-phenanthroline catalyzed carbonylation of nitroarenes to carbamates. <i>Applied Organometallic Chemistry</i> , 2007, 21, 782-787. | 3.5 | 19 |
| 53 | The [Ru(CO)(porphyrin)]-Catalyzed Synthesis of N-Aryl-2-vinylaziridines. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 743-750. | 2.4 | 43 |
| 54 | The (Porphyrin)ruthenium-Catalyzed Aziridination of Olefins Using Aryl Azides as Nitrogen Sources. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 6053-6059. | 2.4 | 65 |

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|----|---|------|-----------|
| 55 | Stability-inducing strain: application to the synthesis of alkyl-BIAN ligands (alkyl-BIAN =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 507 | 2.8 | 25 |
| 56 | New ruthenium porphyrin polymeric membranes: preparation, characterization and catalytic activity in alkenes aziridination. <i>Desalination</i> , 2006, 199, 167-169. | 8.2 | 8 |
| 57 | Coordination chemistry of organic azides and amination reactions catalyzed by transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2006, 250, 1234-1253. | 18.8 | 272 |
| 58 | Chiral porphyrin complexes of cobalt(II) and ruthenium(II) in catalytic cyclopropanation and amination reactions. <i>Inorganica Chimica Acta</i> , 2006, 359, 2924-2932. | 2.4 | 63 |
| 59 | Fine Chemicals by Reductive Carbonylation of Nitroarenes, Catalyzed by Transition Metal Complexes. <i>Current Organic Chemistry</i> , 2006, 10, 1479-1510. | 1.6 | 71 |
| 60 | Catalytic amination reactions mediated by Co(II) Schiff base complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2142-2148. | 1.8 | 25 |
| 61 | Using ring strain to inhibit a decomposition path: first synthesis of an Alkyl-BIAN ligand (Alkyl-BIAN =) Tj ETQq1 1 0.784314 rgBT /Overlo | 4.1 | 24 |
| 62 | Structural Determination of Ruthenium ^{II} Porphyrin Complexes Relevant to Catalytic Epoxidation of Olefins. <i>Inorganic Chemistry</i> , 2005, 44, 2039-2049. | 4.0 | 43 |
| 63 | Origin of the Deactivation in Styrene Aziridination by Aryl Azides, Catalyzed by Ruthenium Porphyrin Complexes. Structural Characterization of a η^2 -1,2,3-Triazolone Ru(I)(TPP)CO Complex. <i>Organometallics</i> , 2005, 24, 4710-4713. | 2.3 | 50 |
| 64 | Copper catalysed 1,4-addition of organozinc reagents to α,β -unsaturated carbonyl compounds: a mechanistic investigation. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2169-2176. | 1.8 | 21 |
| 65 | Amination of Benzylic C-H Bonds by Arylazides Catalyzed by Coll ^{II} Porphyrin Complexes: A Synthetic and Mechanistic Study. <i>Chemistry - A European Journal</i> , 2003, 9, 249-259. | 3.3 | 200 |
| 66 | Carbonylation of nitrobenzene to N-methyl phenylcarbamate catalyzed by palladium ^{II} phenanthroline complexes Bifunctional activation by anthranilic acid. <i>Journal of Molecular Catalysis A</i> , 2003, 204-205, 107-114. | 4.8 | 34 |
| 67 | Synthesis of Oxazines and N-Arylpyrroles by Reaction of Unfunctionalized Dienes with Nitroarenes and Carbon Monoxide, Catalyzed by Palladium ^{II} Phenanthroline Complexes. <i>Journal of Organic Chemistry</i> , 2003, 68, 460-466. | 3.2 | 53 |
| 68 | Synthesis of N-Arylpyrroles, Hetero-Diels-Alder Adducts, and Allylic Amines by Reaction of Unfunctionalized Dienes with Nitroarenes and Carbon Monoxide, Catalyzed by Ru(CO) ₃ (Ar-BIAN). <i>Organometallics</i> , 2001, 20, 3390-3398. | 2.3 | 61 |
| 69 | Promotion of the [PPN][Rh(CO) ₄]-catalysed carbonylation of nitrobenzene by 2-hydroxypyridine and related molecules: an apparent bifunctional activation. <i>Journal of Organometallic Chemistry</i> , 2000, 593-594, 109-118. | 1.8 | 20 |
| 70 | Carbon-Carbon Bonds Functioning as Electron Shuttles: The Generation of Electron-Rich Manganese(II) Schiff Base Complexes and Their Redox Chemistry. <i>Journal of the American Chemical Society</i> , 1997, 119, 5144-5154. | 13.7 | 76 |
| 71 | Complexes Derived from the Reaction of Manganese(III) Schiff Base Complexes and Hexacyanoferrate(III): Syntheses, Multidimensional Network Structures, and Magnetic Properties. <i>Journal of the American Chemical Society</i> , 1996, 118, 981-994. | 13.7 | 414 |
| 72 | Synthetic Methodology Allowing the Interconversion of Titanium ^{IV} Oxygen Single Bonds and Double Bonds: The Self-Assembly of Bridging and Terminal Oxotitanium(IV) into Oligomeric and Polymeric Linear Titanoxanes. <i>Chemistry - A European Journal</i> , 1996, 2, 1466-1476. | 3.3 | 26 |

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| 73 | Dioxygen Activation by a Manganese Complex Containing a Schiff Base: Selective Oxidation of an Imino to an Amido Group within the Salophen Ligand and Formation of a Hydroxy-Bridged Mn(III)-Polymer. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1981-1983. | 4.4 | 31 |
| 74 | The Two-Dimensional Network Structure and Metamagnetic Properties of the 2:1 Complex of $[Mn(3-MeOsalen)(H_2O)]ClO_4$ and $K_3[Fe(CN)_6]$. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1446-1448. | 4.4 | 133 |
| 75 | (Hydroxyphenyl)oxazoline: a Novel and Remarkably Facile Entry into the Area of Chiral Cationic Alkylzirconium Complexes Which Serve as Polymerization Catalysts. <i>Organometallics</i> , 1995, 14, 4994-4996. | 2.3 | 68 |
| 76 | Cationic arylmanganese(II) derivatives occurring in ion-pair forms with tetraphenylborate anions: synthetic, structural, and magnetic studies. [Erratum to document cited in CA123:83599]. <i>Organometallics</i> , 1995, 14, 4030-4030. | 2.3 | 1 |
| 77 | Bifunctional Carriers of Polar Organometallics Using Transition-Metal-Schiff Base Complexes: A Very Easy Access to Manganese(II)-Carbon Functionalities. <i>Organometallics</i> , 1995, 14, 2156-2158. | 2.3 | 18 |
| 78 | Linear Titanoxanes via the Assembling of Bridging and Terminal Oxo-Titanium(IV) Fragments. <i>Inorganic Chemistry</i> , 1995, 34, 2495-2496. | 4.0 | 16 |
| 79 | Cationic Arylmanganese(II) Derivatives Occurring in Ion-Pair Forms with Tetraphenylborate Anions: Synthetic, Structural, and Magnetic Studies. <i>Organometallics</i> , 1995, 14, 2265-2276. | 2.3 | 44 |
| 80 | Silver Complexation by σ -C-H Bonds: Interaction of Silver with meso-Octaethyltetraoxaporphyrinogen. <i>Journal of the American Chemical Society</i> , 1994, 116, 10775-10776. | 13.7 | 23 |
| 81 | Four-centered oxotetramanganese(III) aggregate: a novel approach to redox and aggregation chemistry of manganese. <i>Journal of the American Chemical Society</i> , 1993, 115, 9850-9851. | 13.7 | 38 |
| 82 | Mono- and bis(dibenzotetramethyltetraaza[14]annulene) complexes of Group IV metals including the structure of the lithium derivative of the macrocyclic ligand. <i>Inorganic Chemistry</i> , 1992, 31, 2520-2527. | 4.0 | 71 |
| 83 | Nickel (0) Complexes as Promising Chemosensors for Detecting the "Cork Taint" in Wine. <i>European Journal of Inorganic Chemistry</i> , 0, , . | 2.0 | 0 |