

Maria Contel

List of Publications by Year in descending order

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57
papers

2,634
citations

126907

33
h-index

182427

51
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59
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59
docs citations

59
times ranked

3054
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Self-Complementary Zwitterionic Peptides Direct Nanoparticle Assembly and Enable Enzymatic Selection of Endocytic Pathways. <i>Advanced Materials</i> , 2022, 34, e2104962. | 21.0 | 20 |
| 2 | Exploring the Potential of Metallodrugs as Chemotherapeutics for Triple Negative Breast Cancer. <i>Chemistry - A European Journal</i> , 2021, 27, 8891-8917. | 3.3 | 32 |
| 3 | Frontispiece: Exploring the Potential of Metallodrugs as Chemotherapeutics for Triple Negative Breast Cancer. <i>Chemistry - A European Journal</i> , 2021, 27, . | 3.3 | 1 |
| 4 | Investigation of the Effects and Mechanisms of Anticancer Action of a Ru(II)-Arene Iminophosphorane Compound in Triple Negative Breast Cancer Cells. <i>ChemMedChem</i> , 2021, 16, 3280-3292. | 3.2 | 3 |
| 5 | Intracellular Localization Studies of the Luminescent Analogue of an Anticancer Ruthenium Iminophosphorane with High Efficacy in a Triple-Negative Breast Cancer Mouse Model. <i>Inorganic Chemistry</i> , 2021, 60, 19152-19164. | 4.0 | 10 |
| 6 | Auranofin-Based Analogues Are Effective Against Clear Cell Renal Carcinoma <i>in Vivo</i> and Display No Significant Systemic Toxicity. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 644-654. | 4.9 | 14 |
| 7 | SEC hyphenated to a multielement-specific detector unravels the degradation pathway of a bimetallic anticancer complex in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1145, 122093. | 2.3 | 5 |
| 8 | Unconventional Anticancer Metallodrugs and Strategies to Improve Their Pharmacological Profile. <i>Inorganics</i> , 2019, 7, 88. | 2.7 | 7 |
| 9 | Metal-based antibody drug conjugates. Potential and challenges in their application as targeted therapies in cancer. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110780. | 3.5 | 33 |
| 10 | Trastuzumab gold-conjugates: synthetic approach and <i>in vitro</i> evaluation of anticancer activities in breast cancer cell lines. <i>Chemical Communications</i> , 2019, 55, 1394-1397. | 4.1 | 24 |
| 11 | Customizing Morphology, Size, and Response Kinetics of Matrix Metalloproteinase-Responsive Nanostructures by Systematic Peptide Design. <i>ACS Nano</i> , 2019, 13, 1555-1562. | 14.6 | 34 |
| 12 | Preclinical evaluation of an unconventional ruthenium-gold-based chemotherapeutic: RANCE-C1, in clear cell renal cell carcinoma. <i>Cancer Medicine</i> , 2019, 8, 4304-4314. | 2.8 | 8 |
| 13 | Preparation of Titanocene-Gold Compounds Based on Highly Active Gold(I)-N-Heterocyclic Carbene Anticancer Agents: Preliminary <i>in vitro</i> Studies in Renal and Prostate Cancer Cell Lines. <i>ChemMedChem</i> , 2019, 14, 1086-1095. | 3.2 | 26 |
| 14 | How the Horváth paradigm, Fluorous Biphasic Catalysis, affected oxidation chemistry: Successes, challenges, and a sustainable future. <i>Coordination Chemistry Reviews</i> , 2019, 380, 584-599. | 18.8 | 19 |
| 15 | Bimetallic titanocene-gold phosphane complexes inhibit invasion, metastasis, and angiogenesis-associated signaling molecules in renal cancer. <i>European Journal of Medicinal Chemistry</i> , 2019, 161, 310-322. | 5.5 | 46 |
| 16 | Heterometallic Complexes as Anticancer Agents. 2-Oxoglutarate-Dependent Oxygenases, 2019, , 143-168. | 0.8 | 7 |
| 17 | A heterometallic ruthenium-gold complex displays antiproliferative, antimigratory, and antiangiogenic properties and inhibits metastasis and angiogenesis-associated proteases in renal cancer. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 399-411. | 2.6 | 48 |
| 18 | Preface. <i>Journal of Inorganic Biochemistry</i> , 2016, 165, 54-55. | 3.5 | 1 |

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|----|--|-----|-----------|
| 19 | Titanoceneâ€“Gold Complexes Containing N-Heterocyclic Carbene Ligands Inhibit Growth of Prostate, Renal, and Colon Cancers in Vitro. <i>Organometallics</i> , 2016, 35, 1218-1227. | 2.3 | 74 |
| 20 | Water-compatible gold and silver nanoparticles as catalysts for the oxidation of alkenes. <i>Polyhedron</i> , 2016, 120, 82-87. | 2.2 | 7 |
| 21 | Auranofin and N-heterocyclic carbene gold-analogs are potent inhibitors of the bacteria <i>Helicobacter pylori</i> . <i>FEMS Microbiology Letters</i> , 2016, 363, fnw148. | 1.8 | 43 |
| 22 | Versatile synthesis of cationic N-heterocyclic carbeneâ€“gold complexes containing a second ancillary ligand. Design of heterobimetallic rutheniumâ€“gold anticancer agents. <i>Chemical Communications</i> , 2016, 52, 3155-3158. | 4.1 | 61 |
| 23 | Synthesis and anticancer activity of carbosilane metallodendrimers based on arene ruthenium(II) complexes. <i>Dalton Transactions</i> , 2016, 45, 7049-7066. | 3.3 | 65 |
| 24 | Novel enantiopure cyclopentadienyl Ti(IV) oximate compounds as potential anticancer agents. <i>Journal of Inorganic Biochemistry</i> , 2016, 156, 22-34. | 3.5 | 13 |
| 25 | Hydrogen Bonding and Anticancer Properties of Waterâ€“Soluble Chiral p-Cymene Ru ^{II} Compounds with Aminoâ€“Oxime Ligands. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2295-2307. | 2.0 | 31 |
| 26 | Heterometallic titaniumâ€“gold complexes inhibit renal cancer cells in vitro and in vivo. <i>Chemical Science</i> , 2015, 6, 5269-5283. | 7.4 | 100 |
| 27 | Cyclometalated Iminophosphorane Gold(III) and Platinum(II) Complexes. A Highly Permeable Cationic Platinum(II) Compound with Promising Anticancer Properties. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5825-5841. | 6.4 | 88 |
| 28 | Design, synthesis and characterisation of new chimeric ruthenium(II)â€“gold complexes as improved cytotoxic agents. <i>Dalton Transactions</i> , 2015, 44, 11067-11076. | 3.3 | 52 |
| 29 | In Vitro and in Vivo Evaluation of Water-Soluble Iminophosphorane Ruthenium(II) Compounds. A Potential Chemotherapeutic Agent for Triple Negative Breast Cancer. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9995-10012. | 6.4 | 87 |
| 30 | Organometallic Titanoceneâ€“Gold Compounds as Potential Chemotherapeutics in Renal Cancer. Study of their Protein Kinase Inhibitory Properties. <i>Organometallics</i> , 2014, 33, 6669-6681. | 2.3 | 63 |
| 31 | Luminescent iminophosphorane gold, palladium and platinum complexes as potential anticancer agents. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 231-241. | 6.0 | 41 |
| 32 | Auranofin and related heterometallic gold(I)â€“thiolates as potent inhibitors of methicillin-resistant <i>Staphylococcus aureus</i> bacterial strains. <i>Journal of Inorganic Biochemistry</i> , 2014, 138, 81-88. | 3.5 | 52 |
| 33 | Potential Anticancer Heterometallic Feâ€“Au and Feâ€“Pd Agents: Initial Mechanistic Insights. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5806-5818. | 6.4 | 86 |
| 34 | Organometallic Palladium Complexes with a Water-Soluble Iminophosphorane Ligand As Potential Anticancer Agents. <i>Organometallics</i> , 2012, 31, 5772-5781. | 2.3 | 70 |
| 35 | Reactivity of Unsaturated 5-(4-H)-Oxazolones with Hg(II) Acetate: Synthesis of Methyl N-Benzoylamino-3-arylacrylates. <i>Synthetic Communications</i> , 2012, 42, 195-203. | 2.1 | 6 |
| 36 | Cytotoxic hydrophilic iminophosphorane coordination compounds of d8 metals. Studies of their interactions with DNA and HSA. <i>Journal of Inorganic Biochemistry</i> , 2012, 116, 204-214. | 3.5 | 56 |

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|----|--|------|-----------|
| 37 | Luminescent Di- and Polynuclear Organometallic Gold(I) Metal (Au ₂) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Containing Bidentate Phosphanes as Active Antimicrobial Agents. <i>Chemistry - A European Journal</i> , 2012, 18, 3659-3674. | 3.3 | 41 |
| 38 | Titanocene Phosphine Derivatives as Precursors to Cytotoxic Heterometallic TiAu ₂ and TiM (M = Pd, Pt) Compounds. <i>Studies of Their Interactions with DNA. Inorganic Chemistry</i> , 2011, 50, 11099-11110. | 4.0 | 77 |
| 39 | Group 11 Metal Compounds with Tripodal Bis(imidazole) Thioether Ligands. Applications as Catalysts in the Oxidation of Alkenes and as Antimicrobial Agents. <i>Molecules</i> , 2011, 16, 6701-6720. | 3.8 | 15 |
| 40 | Iminophosphorane organogold(III) complexes induce cell death through mitochondrial ROS production. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1306-1313. | 3.5 | 57 |
| 41 | Mechanistic Insights into the One-Pot Synthesis of Propargylamines from Terminal Alkynes and Amines in Chlorinated Solvents Catalyzed by Gold Compounds and Nanoparticles. <i>Chemistry - A European Journal</i> , 2010, 16, 9287-9296. | 3.3 | 62 |
| 42 | Ortho-Palladation of (Z)-2-Aryl-4-Arylidene-5(4H)-Oxazolones. Structure and Functionalization. <i>Organometallics</i> , 2010, 29, 1428-1435. | 2.3 | 16 |
| 43 | Water-Soluble (Phosphane)gold(I) Complexes - Applications as Recyclable Catalysts in a Three-Component Coupling Reaction and as Antimicrobial and Anticancer Agents. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3421-3430. | 2.0 | 63 |
| 44 | Gold(III) iminophosphorane complexes as catalysts in C-C and C-O bond formations. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 486-493. | 1.8 | 67 |
| 45 | Synthesis of Apoptosis-Inducing Iminophosphorane Organogold(III) Complexes and Study of Their Interactions with Biomolecular Targets. <i>Inorganic Chemistry</i> , 2009, 48, 1577-1587. | 4.0 | 79 |
| 46 | Regioselective Ortho Palladation of Stabilized Iminophosphoranes in Exo Positions: Scope, Limitations, and Mechanistic Insights. <i>Organometallics</i> , 2008, 27, 2929-2936. | 2.3 | 41 |
| 47 | Organogold(III) Iminophosphorane Complexes as Efficient Catalysts in the Addition of 2-Methylfuran and Electron-Rich Arenes to Methyl Vinyl Ketone. <i>Organometallics</i> , 2007, 26, 4604-4611. | 2.3 | 81 |
| 48 | Precatalyst separation paradigms: alkane functionalization in water utilizing in situ formed [Fe ₂ O(<i>i</i> -1-H ₂ O)(<i>i</i> -1-OAc)(TPA) ₂] ³⁺ , embedded in surface-derivatized silica, as an MMO model, and fluororous biphasic catalysis for alkane, alkene, and alcohol oxidation chemistry. <i>Topics in Catalysis</i> , 2005, 32, 185-196. | 2.8 | 9 |
| 49 | Fluorocarbon Soluble Copper(II) Carboxylate Complexes with Nonfluoroponytailed Nitrogen Ligands as Precatalysts for the Oxidation of Alkenols and Alcohols under Fluororous Biphasic or Thermomorphic Modes: A Structural and Mechanistic Aspects. <i>Inorganic Chemistry</i> , 2005, 44, 9771-9778. | 4.0 | 50 |
| 50 | Fluororous Biphasic Catalysis: Synthesis and Characterization of Copper(I) and Copper(II) Fluoroponytailed 1,4,7-Rf-TACN and 2,2'-Rf-Bipyridine Complexes Their Catalytic Activity in the Oxidation of Hydrocarbons, Olefins, and Alcohols, Including Mechanistic Implications. <i>Chemistry - A European Journal</i> , 2003, 9, 4168-4178. | 3.3 | 54 |
| 51 | Organometallic Gold(III) Compounds as Catalysts for the Addition of Water and Methanol to Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2003, 125, 11925-11935. | 13.7 | 281 |
| 52 | Bis{(2-diphenylphosphino)phenyl}mercury: A P-Donor Ligand and Precursor to Mixed Metal Mercury (d ₈ -d ₁₀) Cyclometalated Complexes Containing 2-C ₆ H ₄ PPH ₂ . <i>Inorganic Chemistry</i> , 2002, 41, 844-855. | 4.0 | 56 |
| 53 | A Bis(ortho-amine)aryl Gold(I) Compound as an Efficient, Nontoxic, Arylating Reagent. <i>Organometallics</i> , 2002, 21, 4556-4559. | 2.3 | 88 |
| 54 | Reactivity of [2,6-Bis((dimethylamino)methyl)phenyl]gold(I), an Unusual Intermolecularly Stabilized Bis(amino)aryl Gold(I) Dimer, toward Alkyl Halides. X-ray Crystal Structures of Its Iodomethane and Methylene Diiodide Adducts. <i>Organometallics</i> , 2000, 19, 3288-3295. | 2.3 | 18 |

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|----|---|-----|-----------|
| 55 | Tris(amido)tingold Complexes in Different Oxidation States. First Structural Characterization of a Sn ^{IV} Au ^I Au ^{III} Sn Linear Chain. <i>Inorganic Chemistry</i> , 1997, 36, 2386-2390. | 4.0 | 44 |
| 56 | Trinuclear Au ₂ Ag and Au ₂ Cu Complexes with Mesityl Bridging Ligands. X-ray Structure of the Chain Polymer [$\{Au(\frac{1}{4}\text{-mes})AsPh_3\}_2Ag\}](ClO_4)$. <i>Organometallics</i> , 1996, 15, 4939-4943. | 2.3 | 52 |
| 57 | Triamidogerma- and Triamidostannaaurates(I): First Structural Characterization of a Ge ^{IV} Au ^I Ge Unit. <i>Inorganic Chemistry</i> , 1996, 35, 3713-3715. | 4.0 | 47 |