

Jos M Lpez-De-Luzuriaga

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|--------------------|-------------------------|---------------|-----------------|
| 175 papers | 4,884 citations | 37 h-index | 60 g-index |
| 180 ext. papers | 5,172 ext. citations | 5 avg, IF | 5.26 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 175 | ($\text{Ti}[\text{Au}(\text{C}(6)\text{Cl}(5))(2)](n)$): A vapochromic complex. <i>Journal of the American Chemical Society</i> , 2003 , 125, 2022-3 | 16.4 | 195 |
| 174 | Combining aurophilic interactions and halogen bonding to control the luminescence from bimetallic gold-silver clusters. <i>Journal of the American Chemical Society</i> , 2010 , 132, 456-7 | 16.4 | 171 |
| 173 | Gold-heterometal complexes. Evolution of a new class of luminescent materials. <i>Dalton Transactions</i> , 2007 , 1969-81 | 4.3 | 128 |
| 172 | Luminescent Characterization of Solution Oligomerization Process Mediated Gold-Gold Interactions. DFT Calculations on $[\text{Au}_2\text{Ag}_2\text{R}_4\text{L}_2]_n$ Moieties. <i>Journal of the American Chemical Society</i> , 2000 , 122, 7287-7293 | 16.4 | 126 |
| 171 | N-Heterocyclic carbene ligands as modulators of luminescence in three-coordinate gold(I) complexes with spectacular quantum yields. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4712-5 | 16.4 | 122 |
| 170 | Making the golden connection: reversible mechanochemical and vapochemical switching of luminescence from bimetallic gold-silver clusters associated through aurophilic interactions. <i>Journal of the American Chemical Society</i> , 2011 , 133, 16358-61 | 16.4 | 109 |
| 169 | Vapochromic behavior of $\{\text{Ag}_2(\text{Et}_2\text{O})_2[\text{Au}(\text{C}_6\text{F}_5)_2]_2\}_n$ with volatile organic compounds. <i>Inorganic Chemistry</i> , 2008 , 47, 8069-76 | 5.1 | 101 |
| 168 | Effects of diphosphine structure on aurophilicity and luminescence in Au(I) complexes. <i>Dalton Transactions</i> , 2004 , 3459-67 | 4.3 | 101 |
| 167 | A detailed study of the vapochromic Behavior of $[\text{Ti}[\text{Au}(\text{C}_6\text{Cl}_5)_2]]_n$. <i>Inorganic Chemistry</i> , 2004 , 43, 3573-8 | 5.1 | 97 |
| 166 | Dinuclear gold(I) dithiophosphonate complexes: synthesis, luminescent properties, and X-ray crystal structures of $[\text{AuS}(2)\text{PR}(\text{OR})_2](2)$ ($\text{R} = \text{Ph}$, $\text{RQ} = \text{C}(5)\text{H}(9)$; $\text{R} = 4\text{-C}(6)\text{H}(4)\text{OMe}$, $\text{RQ} = (1\text{S}, 5\text{R}, 2\text{S})\text{-}(-\text{menthyl})$; $\text{R} = \text{Fc}$, $\text{RQ} = (\text{CH}(2))_2\text{O}(\text{CH}(2))_2\text{OMe}$). <i>Inorganic Chemistry</i> , 2002 , 41, 4579-89 | 5.1 | 97 |
| 165 | New palladium(II) and platinum(II) complexes with 9-aminoacridine: structures, luminiscence, theoretical calculations, and antitumor activity. <i>Inorganic Chemistry</i> , 2008 , 47, 6990-7001 | 5.1 | 86 |
| 164 | Heteropolynuclear complexes with the ligand $\text{Ph}_2\text{PCH}_2\text{SPh}$: theoretical evidence for metallophilic Au-M attractions. <i>Chemistry - A European Journal</i> , 2000 , 6, 636-44 | 4.8 | 81 |
| 163 | Silver nanoparticles: synthesis through chemical methods in solution and biomedical applications. <i>Open Chemistry</i> , 2011 , 9, 7-19 | 1.6 | 80 |
| 162 | Photophysical and Theoretical Studies on Luminescent Tetranuclear Coinage Metal Building Blocks. <i>Organometallics</i> , 2006 , 25, 3639-3646 | 3.8 | 76 |
| 161 | Theoretical Evidence for Transannular Metal-Metal Interactions in Dinuclear Coinage Metal Complexes. <i>Inorganic Chemistry</i> , 1998 , 37, 6002-6006 | 5.1 | 76 |
| 160 | Do aurophilic interactions compete against hydrogen bonds? Experimental evidence and rationalization based on ab initio calculations. <i>Journal of the American Chemical Society</i> , 2002 , 124, 6781-6 | 16.4 | 75 |
| 159 | Luminescence studies of dinuclear gold(I) phosphor-1,1-dithiolate complexes. <i>Journal of Molecular Structure</i> , 2000 , 516, 99-106 | 3.4 | 75 |

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| 158 | Synthesis, structure, and photophysical studies of luminescent two- and three-dimensional gold-thallium supramolecular arrays. <i>Inorganic Chemistry</i> , 2002 , 41, 1056-63 | 5.1 | 74 |
| 157 | Theoretical and photoluminescence studies on the d10-s2 AuI-TlI interaction in extended unsupported chains. <i>Chemistry - A European Journal</i> , 2003 , 9, 456-65 | 4.8 | 69 |
| 156 | Experimental and theoretical studies of the d8-d10 interaction between Pd(II) and Au(I): bis(chloro[(phenylthiomethyl)diphenylphosphine]gold(I))- dichloropalladium(II) and related systems. <i>Inorganic Chemistry</i> , 2000 , 39, 4786-92 | 5.1 | 65 |
| 155 | [Au(2)Tl(2)(C(6)Cl(5))(4)].(CH(3))(2)C=O: a luminescent loosely bound butterfly cluster with a Tl(I)-Tl(I) interaction. <i>Journal of the American Chemical Society</i> , 2002 , 124, 5942-3 | 16.4 | 63 |
| 154 | Luminescent nido-carborane-diphosphine anions [(PR ₂) ₂ C ₂ B ₉ H ₁₀] ⁽⁻⁾ (R = Ph, (i)Pr). Modification of their luminescence properties upon formation of three-coordinate gold(I) complexes. <i>Inorganic Chemistry</i> , 2003 , 42, 2061-8 | 5.1 | 61 |
| 153 | Structures and properties of gold(I) complexes of interest in biochemical applications. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 1661-1669 | 23.2 | 58 |
| 152 | Experimental and theoretical evidence of the first Au(i)...Bi(iii) interaction. <i>Chemical Communications</i> , 2007 , 571-3 | 5.8 | 57 |
| 151 | The preparation of highly active antimicrobial silver nanoparticles by an organometallic approach. <i>Nanotechnology</i> , 2008 , 19, 185602 | 3.4 | 51 |
| 150 | Ultrasml NHC-coated gold nanoparticles obtained through solvent free thermolysis of organometallic Au(i) complexes. <i>Dalton Transactions</i> , 2014 , 43, 15713-8 | 4.3 | 50 |
| 149 | Synthesis, structure, luminescence, and theoretical studies of tetranuclear gold clusters with phosphinocarborane ligands. <i>Inorganic Chemistry</i> , 2000 , 39, 4280-5 | 5.1 | 49 |
| 148 | Luminescent Homo- and Heteropolynuclear Gold Complexes Stabilized by a Unique Acetylde Fragment. <i>Organometallics</i> , 2012 , 31, 2597-2605 | 3.8 | 47 |
| 147 | Golden metallopolymer with an active T(1) state via coordination of poly(4-vinyl)pyridine to pentahalophenyl-gold(I) precursors. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3824-5 | 16.4 | 47 |
| 146 | Unsupported Au(I)...Cu(I) interactions: influence of nitrile ligands and aurophilicity on the structure and luminescence. <i>Dalton Transactions</i> , 2009 , 7509-18 | 4.3 | 47 |
| 145 | Amalgamating at the molecular level. A study of the strong closed-shell Au(I)⋯Hg(II) interaction. <i>Chemical Communications</i> , 2011 , 47, 6795-7 | 5.8 | 44 |
| 144 | Unsupported gold(I)-copper(I) interactions through eta ¹ Au-[Au(C ₆ F ₅) ₂]- coordination to Cu ⁺ Lewis acid sites. <i>Inorganic Chemistry</i> , 2005 , 44, 1163-5 | 5.1 | 43 |
| 143 | Luminescent aryl-group eleven metal complexes. <i>Dalton Transactions</i> , 2017 , 46, 2046-2067 | 4.3 | 42 |
| 142 | Thallium(I) Acetylacetonate as Building Blocks of Luminescent Supramolecular Architectures?. <i>Organometallics</i> , 2004 , 23, 774-782 | 3.8 | 42 |
| 141 | A Study of the Interactions in an Extended Unsupported Gold-Silver Chain. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 750-753 | 2.3 | 40 |

- 140 Photophysical studies and excited-state structure of a blue phosphorescent gold-thallium complex. *Inorganic Chemistry*, **2007**, 46, 2953-5 5.1 38
- 139 Synthesis and structural characterization of polynuclear complexes containing the eight-electron donor bis(diphenylphosphino)methanediide ligand. *Journal of the Chemical Society Dalton Transactions*, **1992**, 3365-3370 37
- 138 Luminescence in complexes with Au(I)⋯I(I) interactions. *Coordination Chemistry Reviews*, **2005**, 249, 1423-1433 36
- 137 A novel hexanuclear silver(I) cluster containing a regular Ag₆ ring with short Ag-Ag distances and an argentophilic interaction. *Dalton Transactions*, **2013**, 42, 5916-23 4.3 35
- 136 A family of Au-Tl loosely bound butterfly clusters. *Inorganic Chemistry*, **2005**, 44, 6012-8 5.1 35
- 135 A Hexanuclear Gold(I) Complex: [(Ph₃PAu)₂C(PPh₂AuPPh₂)]₂(ClO₄)₂. *Angewandte Chemie International Edition in English*, **1994**, 33, 87-88 35
- 134 Multiple evidence for gold(I)⋯silver(I) interactions in solution. *Chemistry - A European Journal*, **2009**, 15, 6222-33 4.8 34
- 133 Tunable photoluminescence of closed-shell heterobimetallic Au-Ag dicyanide layered systems. *Journal of Physical Chemistry B*, **2005**, 109, 4317-23 3.4 33
- 132 Phosphorescent excited state of [Au₂[(Ph₂Sb)O]₃]₂²⁺: Jahn-Teller distortion at only one gold(I) center. *Journal of the American Chemical Society*, **2005**, 127, 11564-5 16.4 32
- 131 Au⋯I Linear Chains as Lewis Acids toward [Au(C₆X₅)₂]- Metalloligands: The First Anionic Heteropolymetallic Chains. *Organometallics*, **2005**, 24, 1631-1637 3.8 31
- 130 Gold-thallium supramolecular arrays with 4,4'-bipyridine. Solvent induction of luminescent networks. *Dalton Transactions*, **2004**, 1801-6 4.3 31
- 129 Perhalophenyl(tetrahydrothiophene)gold(I) Complexes as Lewis Bases in Acid-Base Reactions with Silver Trifluoroacetate. *Organometallics*, **2007**, 26, 5931-5939 3.8 30
- 128 The key role of Au-substrate interactions in catalytic gold subnanoclusters. *Nature Communications*, **2017**, 8, 1657 17.4 29
- 127 Pyridine gold complexes. an emerging class of luminescent materials **2007**, 40, 172-183 29
- 126 Mesitylgold(I) and Silver(I) Perfluorocarboxylates as Precursors of Supramolecular Au/Ag Systems. *Organometallics*, **2006**, 25, 4307-4315 3.8 29
- 125 Gold(I) Formamidinate Clusters: The Structure, Luminescence, and Electrochemistry of the Tetranuclear, Base-Free [Au₄(ArNC(H)NAr)₄]. *Journal of Cluster Science*, **2003**, 14, 253-266 3 29
- 124 Synthesis, Structure, and Reactivity of the Anionic Trinuclear Methanide NBu₄[{Au(C₆F₅)₃(PPh₂CHPPh₂)}₂Au]. *Organometallics*, **1995**, 14, 2918-2922 3.8 29
- 123 The gold(i)⋯lead(ii) interaction: a relativistic connection. *Chemical Science*, **2015**, 6, 2022-2026 9.4 28

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| 122 | Experimental and Theoretical Study of the Reactivity of Gold Nanoparticles Towards Benzimidazole-2-ylidene Ligands. <i>Chemistry - A European Journal</i> , 2016 , 22, 10446-58 | 4.8 | 27 |
| 121 | Three-coordinate gold(I) N-heterocyclic carbene complexes: a new class of strongly luminescent derivatives. <i>Dalton Transactions</i> , 2014 , 43, 328-34 | 4.3 | 27 |
| 120 | Tetranuclear Gold(I) Clusters with Nitrogen Donor Ligands: Luminescence and X-Ray Structure of Gold(I) Naphthyl Amidinate Complex. <i>Journal of Cluster Science</i> , 2004 , 15, 397-411 | 3 | 27 |
| 119 | Gold(I) Pyrazolate Clusters: The Structure and Luminescence of the Tetranuclear, Base-Stabilized [(dppm) ₂ Au ₄ (3,5-Ph ₂ Pz) ₂](NO ₃) ₂ · H ₂ O. <i>Journal of Cluster Science</i> , 2003 , 14, 61-70 | 3 | 27 |
| 118 | Easy Ketimine Formation Assisted by Heteropolynuclear Gold(III)allium Complexes. <i>Organometallics</i> , 2006 , 25, 1689-1695 | 3.8 | 26 |
| 117 | Experimental and theoretical comparison of the metallophilicity between d(10)-d(10) Au(I)-Hg(II) and d(8)-d(10) Au(III)-Hg(II) interactions. <i>Inorganic Chemistry</i> , 2014 , 53, 1275-7 | 5.1 | 25 |
| 116 | Experimental and Theoretical Study of Gold(III)-Catalyzed Hydration of Alkynes. <i>Organometallics</i> , 2014 , 33, 3823-3830 | 3.8 | 25 |
| 115 | Influence of the electronic characteristics of N-donor ligands in the excited state of heteronuclear gold(I)-copper(I) systems. <i>Inorganic Chemistry</i> , 2011 , 50, 6910-21 | 5.1 | 25 |
| 114 | A step forward in gold-silver metallophilicity. An AuAg ₄ moiety with a square pyramidal arrangement. <i>Dalton Transactions</i> , 2005 , 1162-4 | 4.3 | 25 |
| 113 | Dimethylsulfoxide gold(III)allium complexes. Effects of the metal-metal interactions in the luminescence. <i>Inorganica Chimica Acta</i> , 2005 , 358, 4293-4300 | 2.7 | 25 |
| 112 | Synthesis of homo- and hetero-polynuclear coinage metal complexes of 2-(diphenylphosphino)aniline. <i>Dalton Transactions RSC</i> , 2002 , 1319-1326 | | 25 |
| 111 | Dithiocarbamate Ligands as Building-Blocks in the Coordination Chemistry of Gold. <i>Inorganic Chemistry</i> , 1998 , 37, 5532-5536 | 5.1 | 25 |
| 110 | Tuning the Luminescent Properties of a Ag/Au Tetranuclear Complex Featuring Metallophilic Interactions via Solvent-Dependent Structural Isomerization. <i>Inorganic Chemistry</i> , 2016 , 55, 11299-11310 | 5.1 | 24 |
| 109 | Luminescence of Supramolecular Gold-Containing Materials | | 24 |
| 108 | Dithiophosphinates of gold (I); oxidative addition of Cl ₂ to a neutral, dinuclear gold(I) dithiophosphinate complex, and X-ray crystal structures of [Au ₂ S ₂ P(C ₂ H ₅) ₂] ₂ , [Au ₂ S ₂ PPh ₂] ₂ , Au ₂ (CH ₂) ₂ PMe ₂ (S ₂ PPh ₂), and Au ₂ Cl ₂ [(CH ₂) ₂ PMe ₂][S ₂ PPh ₂]. <i>Canadian Journal of Chemistry</i> , 2001 , 79, 896-903 | 0.9 | 24 |
| 107 | The elusive structures of pentakis[(triphenylphosphine)gold]ammonium(2+) bi. <i>Inorganic Chemistry</i> , 2000 , 39, 547-54 | 5.1 | 24 |
| 106 | A Dinuclear Gold(I)Silver(I) Derivative of 2-Cyclopentylidene-2-sulfanylacetic Acid and Related Complexes: Synthesis, Crystal Structures, Properties and Antitumor Activity. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 1322-1332 | 2.3 | 23 |
| 105 | Synthesis, Photochemical, and Redox Properties of Gold(I) and Gold(III) Pincer Complexes Incorporating a 2,2',6,6'-Terpyridine Ligand Framework. <i>Inorganic Chemistry</i> , 2015 , 54, 10667-77 | 5.1 | 22 |

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| 104 | Synthesis and plasmonic properties of monodisperse AuAg alloy nanoparticles of different compositions from a single-source organometallic precursor. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2975 | 7.1 | 22 |
| 103 | Copper(I)-assisted red-shifted phosphorescence in Au(I)Cu(I) heteropolynuclear complexes. <i>Dalton Transactions</i> , 2014 , 43, 16486-97 | 4.3 | 22 |
| 102 | Experimental and theoretical evidence of the existence of gold(I)mercury(II) interactions in solution through fluorescence-quenching measurements. <i>Chemistry - A European Journal</i> , 2013 , 19, 4754-4766 | 4.8 | 22 |
| 101 | Study of the Nature of Closed-Shell HgII-MI (M = Cu, Ag, Au) Interactions. <i>Organometallics</i> , 2015 , 34, 3029-3038 | 3.8 | 22 |
| 100 | Study of the coordination abilities of stibine ligands to gold(I). <i>Inorganic Chemistry</i> , 2010 , 49, 5530-41 | 5.1 | 22 |
| 99 | 1,2-Dibromo- and 1,2-Diodotetrafluorobenzene as Precursors of Anionic Homo- and Heterometallic Gold Complexes. <i>Organometallics</i> , 2008 , 27, 2971-2979 | 3.8 | 22 |
| 98 | Vapochromism in Complexes of Stoichiometry [Au ₂ Ag ₂ R ₄ L ₂] _n . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009 , 64, 1500-1512 | 1 | 22 |
| 97 | Unequivocal Experimental Evidence of the Relationship between Emission Energies and Auophilic Interactions. <i>Inorganic Chemistry</i> , 2019 , 58, 4954-4961 | 5.1 | 21 |
| 96 | [Au(C F) (PPh H)]: A Precursor for the Synthesis of Gold(III) Phosphide Complexes. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 3042-3043 | 16.4 | 21 |
| 95 | Tetranuclear (Phosphane)(thiolato)gold(I) Complexes: Synthesis, Characterization and Photoluminescent Properties. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 4001-4005 | 2.3 | 21 |
| 94 | Luminescent Gold(I)-Thallium(I) Arrays through N-Bidentate Building Blocks. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2004 , 59, 1379-1386 | 1 | 21 |
| 93 | Synthesis of water-soluble goldBryl nanoparticles with distinct catalytic performance in the reduction of the environmental pollutant 4-nitrophenol. <i>Catalysis Science and Technology</i> , 2019 , 9, 6059-6071 | 5.5 | 20 |
| 92 | Gold- and silver-based ionic liquids: modulation of luminescence depending on the physical state. <i>Dalton Transactions</i> , 2010 , 39, 10574-6 | 4.3 | 19 |
| 91 | Synthesis of gold organometallics at the nanoscale. <i>Journal of Organometallic Chemistry</i> , 2018 , 877, 1-11 | 2.3 | 19 |
| 90 | Heterometallic gold(I)-thallium(I) compounds with crown thioethers. <i>Dalton Transactions</i> , 2013 , 42, 11559-70 | 4.3 | 18 |
| 89 | Tailor-Made Luminescent Polymers through Unusual Metallophilic Interaction Arrays AuAuAgAg. <i>Inorganic Chemistry</i> , 2017 , 56, 9281-9290 | 5.1 | 18 |
| 88 | Long-Chain Ketimine Synthesis in a GoldThallium Polymer. <i>Organometallics</i> , 2010 , 29, 2951-2959 | 3.8 | 18 |
| 87 | Luminescence in gold-heterometal complexes 2001 , 34, 14-19 | | 18 |

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| 86 | Gold complexes of 3,4-bis(diphenylphosphinoamino)toluene and 1,2-bis(diphenylphosphinoamino)benzene. A comparative study. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 4009-4017 | | 18 |
| 85 | New Insights into the Au(I)⋯Pb(II) Closed-Shell Interaction: Tuning of the Emissive Properties with the Intermetallic Distance. <i>Inorganic Chemistry</i> , 2016 , 55, 10523-10534 | 5.1 | 18 |
| 84 | Luminescent gold-silver complexes derived from neutral bis(perfluoroaryl)diphosphine gold(I) precursors. <i>Dalton Transactions</i> , 2013 , 42, 4267-77 | 4.3 | 17 |
| 83 | Double Photoinduced Jahn-Teller Distortion of Tetrahedral Au ⁺ Sn Complexes. <i>ChemPlusChem</i> , 2014 , 79, 67-76 | 2.8 | 17 |
| 82 | Very Short Metallophilic Interactions Induced by Three-Center-Two-Electron Perhalophenyl Ligands in Phosphorescent Au ⁺ Au Complexes. <i>Organometallics</i> , 2012 , 31, 3720-3729 | 3.8 | 17 |
| 81 | Synthesis of thiolate-protected silver nanocrystal superlattices from an organometallic precursor and formation of molecular di-n-alkyldisulfide lamellar phases. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 791-801 | 2.3 | 17 |
| 80 | Homopolynuclear TlI and Heteropolynuclear Au ⁺ II Complexes with Organodisilone Ligands: Activation of Luminescence by Intermetallic Interactions. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 2288-2297 | 2.3 | 17 |
| 79 | Ylide-gold(I) complexes of the types [Au(ylide)L] ⁺ [Au(ylide)(C≡CR)] and [Au(ylide){Co(CO) ₄ }]. <i>Inorganica Chimica Acta</i> , 1993 , 208, 31-36 | 2.7 | 17 |
| 78 | Stimuli-Responsive Solvatochromic Au(I)-Ag(I) Clusters: Reactivity and Photophysical Properties Induced by the Nature of the Solvent. <i>Inorganic Chemistry</i> , 2019 , 58, 1501-1512 | 5.1 | 17 |
| 77 | Antitumor effects of novel nickel(II)hydrazone complexes in lung cancer cells. <i>New Journal of Chemistry</i> , 2020 , 44, 9064-9072 | 3.6 | 16 |
| 76 | Fine-tuning the luminescence and HOMO-LUMO energy levels in tetranuclear gold(I) fluorinated amidinate complexes. <i>Inorganic Chemistry</i> , 2012 , 51, 2010-5 | 5.1 | 16 |
| 75 | Polynuclear Gold(I) Complexes of Functionalized Thiols and Dithiols. <i>Chemische Berichte</i> , 1997 , 130, 641-646 | | 16 |
| 74 | Gold complexes with mono- or di-chalcogenides of bis(diphenylphosphino)methanide ligands. X-ray crystal structure of [Au(C ₆ F ₅) ₂ {(SPPH ₂) ₂ C(AuAsPh ₃) ₂ }]ClO ₄ . <i>Polyhedron</i> , 1998 , 17, 2029-2035 | 2.7 | 16 |
| 73 | Au(I)⋯Ag(I) metallophilic interactions between anionic units: theoretical studies on a AuAg ₄ square pyramidal arrangement. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 20652-6 | 3.4 | 16 |
| 72 | Gold Clustering at the Terminal Functions of Long-Chain Thiols and Amines. <i>Inorganic Chemistry</i> , 1997 , 36, 966-968 | 5.1 | 15 |
| 71 | Synthesis of the molecular amalgam [(AuHg(μ-C ₆ H ₅))(Hg(μ-C ₆ H ₅))]: a rare example of a heterometallic homoleptic metallacycle. <i>Dalton Transactions</i> , 2016 , 45, 6334-8 | 4.3 | 14 |
| 70 | Influence of the Number of Metallophilic Interactions and Structures on the Optical Properties of Heterometallic Au/Ag Complexes with Mixed-Donor Macrocyclic Ligands. <i>Inorganic Chemistry</i> , 2018 , 57, 11099-11112 | 5.1 | 13 |
| 69 | Influence of crown thioether ligands in the structures and of perhalophenyl groups in the optical properties of complexes with argentoauophilic interactions. <i>Inorganic Chemistry</i> , 2014 , 53, 10471-84 | 5.1 | 13 |

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| 68 | Organometallic approach to polymer-protected antibacterial silver nanoparticles: optimal nanoparticle size-selection for bacteria interaction. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1 | 2.3 | 13 |
| 67 | Intermetallic coinage metal-catalyzed functionalization of alkanes with ethyl diazoacetate: Gold as a ligand. <i>Inorganica Chimica Acta</i> , 2011 , 369, 146-149 | 2.7 | 13 |
| 66 | Different phosphorescent excited states of tetra- and octanuclear dendritic-like phosphine gold(I) thiolate complexes: photophysical and theoretical studies. <i>Dalton Transactions</i> , 2011 , 40, 3287-94 | 4.3 | 13 |
| 65 | Theoretical study of the closed-shell d10d10 Au(I)Au(I) attraction in complexes in extended unsupported chains. <i>Computational and Theoretical Chemistry</i> , 2011 , 965, 163-167 | 2 | 13 |
| 64 | Metal-metal stacking patterns between and with [Pt(tpy)X] ⁺ cations. <i>Inorganica Chimica Acta</i> , 2010 , 364, 195-204 | 2.7 | 13 |
| 63 | Gold Coordination by 2-(Diphenylphosphanyl)aniline. <i>Chemische Berichte</i> , 1997 , 130, 647-650 | | 13 |
| 62 | Heteropolynuclear phosphide complexes: phosphorus as unique atom bridging coinage metal centres. <i>Chemistry - A European Journal</i> , 2000 , 6, 4116-23 | 4.8 | 13 |
| 61 | Trinuclear Gold(I) Complexes with Various Coordination Modes of N,N-dimethyldithiocarbamate. <i>Journal of Cluster Science</i> , 2000 , 11, 153-167 | 3 | 13 |
| 60 | Di-, tri- and tetra-nuclear gold(I) complexes with Tris(diphenylphosphino)-methane or -methanide as ligand. Crystal structures of two modifications of [(O)Ph ₂ PC(PPh ₂ AuPPh ₂) ₂ CPh ₂ (O)] ₄ CH ₂ Cl ₂ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 3401-3406 | | 13 |
| 59 | Cooperative Au(I)Au(I) Interactions and Hydrogen Bonding as Origin of a Luminescent Adeninate Hydrogel Formed by Ultrathin Molecular Nanowires. <i>Inorganic Chemistry</i> , 2018 , 57, 3805-3817 | 5.1 | 12 |
| 58 | Metal-Induced Phosphorescence in (Pentafluorophenyl)gold(III) Complexes. <i>Organometallics</i> , 2011 , 30, 4486-4489 | 3.8 | 12 |
| 57 | Theoretical study of the aggregation of d10d2 Au(I)Au(I) complexes in extended unsupported chains. <i>Computational and Theoretical Chemistry</i> , 2008 , 851, 121-126 | | 12 |
| 56 | The effect of gold(I) coordination on the dual fluorescence of 4-(dimethylamino)pyridine. <i>Dalton Transactions</i> , 2015 , 44, 11029-39 | 4.3 | 11 |
| 55 | Coordination modes of diphenylphosphinothioformamide in its neutral and deprotonated forms at gold(I). <i>Dalton Transactions</i> , 2003 , 1076-1082 | 4.3 | 11 |
| 54 | The spontaneous formation and plasmonic properties of ultrathin gold-silver nanorods and nanowires stabilized in oleic acid. <i>Chemical Communications</i> , 2015 , 51, 16691-4 | 5.8 | 10 |
| 53 | Different coordination modes of the 1,1,1-tris(diphenylphosphinomethyl) ethane ligand in gold(I) and gold(III) complexes. <i>Journal of Organometallic Chemistry</i> , 1996 , 514, 169-175 | 2.3 | 10 |
| 52 | Lead encapsulation by a golden clamp through multiple electrostatic, metallophilic, hydrogen bonding and weak interactions. <i>Chemical Communications</i> , 2018 , 54, 295-298 | 5.8 | 10 |
| 51 | Tuning Au(I)Au(I) Interactions via Mixed Thia-Aza Macrocyclic Ligands: Effects on the Structural and Luminescence Properties. <i>Inorganic Chemistry</i> , 2017 , 56, 12551-12563 | 5.1 | 9 |

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| 50 | Analysis of fluorescence quenching of naphthalene by two mercury containing organometallic complexes. <i>Journal of Luminescence</i> , 2014 , 154, 322-327 | 3.8 | 9 |
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