Jos M Lpez-De-Luzuriaga

List of Publications by Year in Descending Order

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	Spontaneous generation of photoemissive aurophilic oligomers in water solution based on the 2-thiocytosine ligand.. *RSC Advances*, **2022**, 12, 8466-8473	3.7	
174	Optical Properties in Heteronuclear Gold(I)/Silver(I) Complexes of Aliphatic Mixed-Donor Macrocycles Featuring Metallophilic Interactions. *European Journal of Inorganic Chemistry*, **2021**, 2021, 4552	2.3	1
173	Rational Assembly of Metallophilic Gold(I)–Lead(II) and Gold(I)–Gold(I) Puzzle Pieces. *Angewandte Chemie*, **2021**, 133, 650-654	3.6	1
172	Rational Assembly of Metallophilic Gold(I)-Lead(II) and Gold(I)-Gold(I) Puzzle Pieces. *Angewandte Chemie - International Edition*, **2021**, 60, 640-644	16.4	3
171	Single-step assembly of gold nanoparticles into plasmonic colloidosomes at the interface of oleic acid nanodroplets. *Nanoscale Advances*, **2021**, 3, 198-205	5.1	6
170	Computational prediction of Au(I)-Pb(II) bonding in coordination complexes and study of the factors affecting the formation of Au(I)-E(II) (E = Ge, Sn, Pb) covalent bonds. *Physical Chemistry Chemical Physics*, **2021**, 23, 10174-10183	3.6	1
169	Multidisciplinary study on the hydrogelation of the digold(I) complex [{Au(9N-adeninate)}2(μ-dmpe)]: optical, rheological, and quasi-elastic neutron scattering perspectives. *Inorganic Chemistry Frontiers*, **2021**, 8, 3707-3715	6.8	2
168	Time-Dependent Molecular Rearrangement of [Au(-adeninate)(PTA)] in Aqueous Solution and Aggregation-Induced Emission in a Hydrogel Matrix. *Inorganic Chemistry*, **2021**, 60, 3667-3676	5.1	2
167	An improved plasmonic Au–Ag/TiO2/rGO photocatalyst through entire visible range absorption, charge separation and high adsorption ability. *New Journal of Chemistry*, **2021**, 45, 11727-11736	3.6	3
166	Antitumor effects of novel nickel–hydrazone complexes in lung cancer cells. *New Journal of Chemistry*, **2020**, 44, 9064-9072	3.6	16
165	1D and 2D Silver-Based Coordination Polymers with Thiomorpholine-4-carbonitrile and Aromatic Polyoxoacids as Coligands: Structure, Photocatalysis, Photoluminescence, and TD-DFT Study. *Crystal Growth and Design*, **2020**, 20, 4461-4478	3.5	5
164	Zigzag vs Helicoidal Gold-Silver 1D Chains: Influence of Subtle Interactions in the Spatial Arrangement of Supramolecular Systems. *Inorganic Chemistry*, **2020**, 59, 9443-9451	5.1	1
163	Versatile coordinative abilities of perhalophenyl-gold(I) fragments to Xantphos: Influence on the emissive properties. *Journal of Organometallic Chemistry*, **2020**, 913, 121198	2.3	5
162	Structural and Luminescence Properties of Heteronuclear Gold(I)/Thallium(I) Complexes Featuring Metallophilic Interactions Tuned by Quinoline Pendant Arm Derivatives of Mixed Donor Macrocycles. *Inorganic Chemistry*, **2020**, 59, 6398-6409	5.1	7
161	Perhalophenyl Three-Coordinate Gold(I) Complexes as TADF Emitters: A Photophysical Study from Experimental and Computational Viewpoints. *Inorganic Chemistry*, **2020**, 59, 14236-14244	5.1	8
160	Metallophilic Au(i)M(i) interactions (M = Tl, Ag) in heteronuclear complexes with 1,4,7-triazacyclononane: structural features and optical properties. *Dalton Transactions*, **2020**, 49, 10983-10993	4.3	3
159	On the use of mixed thia/aza macrocycles in the development of fluorescent chemosensors for toxic heavy metals and fluorescent materials. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2019**, 194, 682-688	1	2

158	Balancing ionic and H-bonding interactions for the formation of Au(i) hydrometallogels. *Dalton Transactions*, **2019**, 48, 7519-7526	4.3	6
157	Temperature-assisted formation of reversible metallophilic Au-Ag interaction arrays. *Dalton Transactions*, **2019**, 48, 5149-5155	4.3	4
156	Unequivocal Experimental Evidence of the Relationship between Emission Energies and Aurophilic Interactions. *Inorganic Chemistry*, **2019**, 58, 4954-4961	5.1	21
155	Synthesis of water-soluble gold–aryl nanoparticles with distinct catalytic performance in the reduction of the environmental pollutant 4-nitrophenol. *Catalysis Science and Technology*, **2019**, 9, 6059-6071	5.5	20
154	Stimuli-Responsive Solvatochromic Au(I)-Ag(I) Clusters: Reactivity and Photophysical Properties Induced by the Nature of the Solvent. *Inorganic Chemistry*, **2019**, 58, 1501-1512	5.1	17
153	Unequal coordination environment in complexes of the type [AuAg(R)(L)]. An immiscible solvent mixture as a key point in the control of ligand replacement. *Dalton Transactions*, **2018**, 47, 3231-3238	4.3	4
152	Cooperative Au(I)···Au(I) Interactions and Hydrogen Bonding as Origin of a Luminescent Adeninate Hydrogel Formed by Ultrathin Molecular Nanowires. *Inorganic Chemistry*, **2018**, 57, 3805-3817	5.1	12
151	Influence of the Number of Metallophilic Interactions and Structures on the Optical Properties of Heterometallic Au/Ag Complexes with Mixed-Donor Macrocyclic Ligands. *Inorganic Chemistry*, **2018**, 57, 11099-11112	5.1	13
150	Dispersive Forces and Dipole Moment Increase as Driving Forces for the Formation of an Unprecedented Metallophilic Heterotrimetallic System. *Chemistry - A European Journal*, **2018**, 24, 13740-13743	4.8	5
149	Lead encapsulation by a golden clamp through multiple electrostatic, metallophilic, hydrogen bonding and weak interactions. *Chemical Communications*, **2018**, 54, 295-298	5.8	10
148	Synthesis of gold organometallics at the nanoscale. *Journal of Organometallic Chemistry*, **2018**, 877, 1-11	2.3	19
147	Luminescent aryl-group eleven metal complexes. *Dalton Transactions*, **2017**, 46, 2046-2067	4.3	42
146	Tuning Au(I)···Tl(I) Interactions via Mixed Thia-Aza Macrocyclic Ligands: Effects on the Structural and Luminescence Properties. *Inorganic Chemistry*, **2017**, 56, 12551-12563	5.1	9
145	Polarized Supramolecular Aggregates Based on Luminescent Perhalogenated Gold Derivatives. *Inorganic Chemistry*, **2017**, 56, 11946-11955	5.1	9
144	Tailor-Made Luminescent Polymers through Unusual Metallophilic Interaction Arrays Au···Au···Ag···Ag. *Inorganic Chemistry*, **2017**, 56, 9281-9290	5.1	18
143	New Au(i)-Cu(i) heterometallic complexes: the role of bridging pyridazine ligands in the presence of unsupported metallophilic interactions. *Dalton Transactions*, **2017**, 46, 10941-10949	4.3	5
142	The key role of Au-substrate interactions in catalytic gold subnanoclusters. *Nature Communications*, **2017**, 8, 1657	17.4	29
141	Experimental and Theoretical Study of the Reactivity of Gold Nanoparticles Towards Benzimidazole-2-ylidene Ligands. *Chemistry - A European Journal*, **2016**, 22, 10446-58	4.8	27

140	Tuning the Luminescent Properties of a Ag/Au Tetranuclear Complex Featuring Metallophilic Interactions via Solvent-Dependent Structural Isomerization. *Inorganic Chemistry*, **2016**, 55, 11299-11310	5.1	24
139	Synthesis of the molecular amalgam [{AuHg(o-C6H4PPh2)2}{Hg(o-C6H4PPh2)}]?: a rare example of a heterometallic homoleptic metallacycle. *Dalton Transactions*, **2016**, 45, 6334-8	4.3	14
138	Experimental and Theoretical Study of the Effectiveness and Stability of Gold(I) Catalysts Used in the Synthesis of Cyclic Acetals. *Organometallics*, **2016**, 35, 732-740	3.8	6
137	Double Jahn-Teller Distortion in AuGe Complexes Leading to a Dual Blue-Orange Emission. *ChemPlusChem*, **2016**, 81, 176-186	2.8	6
136	New Insights into the Au(I)···Pb(II) Closed-Shell Interaction: Tuning of the Emissive Properties with the Intermetallic Distance. *Inorganic Chemistry*, **2016**, 55, 10523-10534	5.1	18
135	Double Jahn-Teller Distortion in AuGe Complexes Leading to a Dual Blue-Orange Emission. *ChemPlusChem*, **2016**, 81, 156	2.8	
134	1,4-Bis(2-pyridylethynyl)benzene as a ligand in heteronuclear gold-thallium complexes. Influence of the ancillary ligands on their optical properties. *Dalton Transactions*, **2015**, 44, 6719-30	4.3	6
133	Dual fluorescence of 4-(dimethylamino)-pyridine: a comparative linear response TDDFT versus state-specific CASSCF study including solvent with the PCM model. *Theoretical Chemistry Accounts*, **2015**, 134, 1	1.9	5
132	The spontaneous formation and plasmonic properties of ultrathin gold-silver nanorods and nanowires stabilized in oleic acid. *Chemical Communications*, **2015**, 51, 16691-4	5.8	10
131	Synthesis, Photochemical, and Redox Properties of Gold(I) and Gold(III) Pincer Complexes Incorporating a 2,2′:6′,2″-Terpyridine Ligand Framework. *Inorganic Chemistry*, **2015**, 54, 10667-77	5.1	22
130	The gold(i)···lead(ii) interaction: a relativistic connection. *Chemical Science*, **2015**, 6, 2022-2026	9.4	28
129	[AuHg(o-C6H4PPh2)2I]: A Dinuclear Heterometallic Blue Emitter. *Inorganics*, **2015**, 3, 27-39	2.9	6
128	The effect of gold(I) coordination on the dual fluorescence of 4-(dimethylamino)pyridine. *Dalton Transactions*, **2015**, 44, 11029-39	4.3	11
127	Study of the Nature of Closed-Shell HgII···MI (M = Cu, Ag, Au) Interactions. *Organometallics*, **2015**, 34, 3029-3038	3.8	22
126	Synthesis and plasmonic properties of monodisperse Au–Ag alloy nanoparticles of different compositions from a single-source organometallic precursor. *Journal of Materials Chemistry C*, **2014**, 2, 2975	7.1	22
125	Synthesis and Plasmonic Properties of Core–Shell Bimetallic Silver–Gold Nanoprisms Obtained through an Organometallic Route. *European Journal of Inorganic Chemistry*, **2014**, 2014, 2383-2388	2.3	7
124	Theoretical studies on an unusual [Ag]+?[Au]2[Au]2[Ag]+ metallophilic pattern: Dispersive forces vs. classical coulomb forces. *Computational and Theoretical Chemistry*, **2014**, 1030, 53-58	2	6
123	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. *Inorganic Chemistry*, **2014**, 53, 1275-7	5.1	25

122	Ultrasmall NHC-coated gold nanoparticles obtained through solvent free thermolysis of organometallic Au(i) complexes. *Dalton Transactions*, **2014**, 43, 15713-8	4.3	50
121	Copper(I)-assisted red-shifted phosphorescence in Au(I)□□Cu(I) heteropolynuclear complexes. *Dalton Transactions*, **2014**, 43, 16486-97	4.3	22
120	Experimental and Theoretical Study of Gold(III)-Catalyzed Hydration of Alkynes. *Organometallics*, **2014**, 33, 3823-3830	3.8	25
119	Influence of crown thioether ligands in the structures and of perhalophenyl groups in the optical properties of complexes with argentoaurophilic interactions. *Inorganic Chemistry*, **2014**, 53, 10471-84	5.1	13
118	Analysis of fluorescence quenching of naphthalene by two mercury containing organometallic complexes. *Journal of Luminescence*, **2014**, 154, 322-327	3.8	9
117	Double Photoinduced Jahn-Teller Distortion of Tetrahedral Au ?Sn Complexes. *ChemPlusChem*, **2014**, 79, 67-76	2.8	17
116	Three-coordinate gold(I) N-heterocyclic carbene complexes: a new class of strongly luminescent derivatives. *Dalton Transactions*, **2014**, 43, 328-34	4.3	27
115	Experimental and theoretical evidence of the existence of gold(I)□□mercury(II) interactions in solution through fluorescence-quenching measurements. *Chemistry - A European Journal*, **2013**, 19, 4754-66	4.8	22
114	Luminescent gold-silver complexes derived from neutral bis(perfluoroaryl)diphosphine gold(I) precursors. *Dalton Transactions*, **2013**, 42, 4267-77	4.3	17
113	Heterometallic gold(I)-thallium(I) compounds with crown thioethers. *Dalton Transactions*, **2013**, 42, 11559-70	4.3	18
112	N-Heterocyclic carbene ligands as modulators of luminescence in three-coordinate gold(I) complexes with spectacular quantum yields. *Journal of the American Chemical Society*, **2013**, 135, 4712-5	16.4	122
111	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
110	Organometallic approach to polymer-protected antibacterial silver nanoparticles: optimal nanoparticle size-selection for bacteria interaction. *Journal of Nanoparticle Research*, **2012**, 14, 1	2.3	13
109	Very Short Metallophilic Interactions Induced by Three-Center□Two-Electron Perhalophenyl Ligands in Phosphorescent Au□u Complexes. *Organometallics*, **2012**, 31, 3720-3729	3.8	17
108	Oxidative Rearrangement in Gold Organometallics. *Organometallics*, **2012**, 31, 3460-3462	3.8	4
107	Luminescent Homo- and Heteropolynuclear Gold Complexes Stabilized by a Unique Acetylide Fragment. *Organometallics*, **2012**, 31, 2597-2605	3.8	47
106	Fine-tuning the luminescence and HOMO-LUMO energy levels in tetranuclear gold(I) fluorinated amidinate complexes. *Inorganic Chemistry*, **2012**, 51, 2010-5	5.1	16
105	Metal-Induced Phosphorescence in (Pentafluorophenyl)gold(III) Complexes. *Organometallics*, **2011**, 30, 4486-4489	3.8	12

104	Making the golden connection: reversible mechanochemical and vapochemical switching of luminescence from bimetallic gold-silver clusters associated through aurophilic interactions. *Journal of the American Chemical Society*, **2011**, 133, 16358-61	16.4	109
103	A Dinuclear Gold(I)–Silver(I) Derivative of 2-Cyclopentylidene-2-sulfanylacetic Acid and Related Complexes: Synthesis, Crystal Structures, Properties and Antitumor Activity. *European Journal of Inorganic Chemistry*, **2011**, 2011, 1322-1332	2.3	23
102	Silver nanoparticles: synthesis through chemical methods in solution and biomedical applications. *Open Chemistry*, **2011**, 9, 7-19	1.6	80
101	Synthesis of thiolate-protected silver nanocrystal superlattices from an organometallic precursor and formation of molecular di-n-alkyldisulfide lamellar phases. *Journal of Nanoparticle Research*, **2011**, 13, 791-801	2.3	17
100	Basicity of bisperhalophenyl aurates toward closed-shell metal ions: metallophilicity and additional interactions. *Theoretical Chemistry Accounts*, **2011**, 129, 593-602	1.9	8
99	Intermetallic coinage metal-catalyzed functionalization of alkanes with ethyl diazoacetate: Gold as a ligand. *Inorganica Chimica Acta*, **2011**, 369, 146-149	2.7	13
98	Homopolynuclear Tl(I) and Heteropolynuclear Au(III)–Tl(I) Complexes with Organodiselone Ligands: Activation of Luminescence by Intermetallic Interactions. *European Journal of Inorganic Chemistry*, **2011**, 2011, 2288-2297	2.3	17
97	Amalgamating at the molecular level. A study of the strong closed-shell Au(I)···Hg(II) interaction. *Chemical Communications*, **2011**, 47, 6795-7	5.8	44
96	Different phosphorescent excited states of tetra- and octanuclear dendritic-like phosphine gold(I) thiolate complexes: photophysical and theoretical studies. *Dalton Transactions*, **2011**, 40, 3287-94	4.3	13
95	Influence of the electronic characteristics of N-donor ligands in the excited state of heteronuclear gold(I)-copper(I) systems. *Inorganic Chemistry*, **2011**, 50, 6910-21	5.1	25
94	Theoretical study of the closed-shell d10–d10 Au(I)–Cu(I) attraction in complexes in extended unsupported chains. *Computational and Theoretical Chemistry*, **2011**, 965, 163-167	2	13
93	Luminescence in Polymetallic Gold-Heteronuclear Derivatives **2010**, 325-364		2
92	Long-Chain Ketimine Synthesis in a Gold–Thallium Polymer. *Organometallics*, **2010**, 29, 2951-2959	3.8	18
91	Combining aurophilic interactions and halogen bonding to control the luminescence from bimetallic gold-silver clusters. *Journal of the American Chemical Society*, **2010**, 132, 456-7	16.4	171
90	Study of the coordination abilities of stibine ligands to gold(I). *Inorganic Chemistry*, **2010**, 49, 5530-41	5.1	22
89	Gold- and silver-based ionic liquids: modulation of luminescence depending on the physical state. *Dalton Transactions*, **2010**, 39, 10574-6	4.3	19
88	Synthesis and characterization of perhalophenyltin derivatives. Study of their reactivity toward phosphine gold(I) chlorides. *Journal of Organometallic Chemistry*, **2010**, 695, 2385-2393	2.3	9
87	Ketimine synthesis in the coordination sphere of thallium (I). *Inorganica Chimica Acta*, **2010**, 363, 1965-1969	2.7	8

86	Metal□metal stacking patterns between and with [Pt(tpy)X]+ cations. *Inorganica Chimica Acta*, **2010**, 364, 195-204	2.7	13
85	Multiple evidence for gold(I)...silver(I) interactions in solution. *Chemistry - A European Journal*, **2009**, 15, 6222-33	4.8	34
84	Structures and properties of gold(I) complexes of interest in biochemical applications. *Coordination Chemistry Reviews*, **2009**, 253, 1661-1669	23.2	58
83	Golden metallopolymers with an active T(1) state via coordination of poly(4-vinyl)pyridine to pentahalophenyl-gold(I) precursors. *Journal of the American Chemical Society*, **2009**, 131, 3824-5	16.4	47
82	Unsupported Au(I)...Cu(I) interactions: influence of nitrile ligands and aurophilicity on the structure and luminescence. *Dalton Transactions*, **2009**, 7509-18	4.3	47
81	Vapochromism in Complexes of Stoichiometry [Au2Ag2R4L2]n. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2009**, 64, 1500-1512	1	22
80	New palladium(II) and platinum(II) complexes with 9-aminoacridine: structures, luminiscence, theoretical calculations, and antitumor activity. *Inorganic Chemistry*, **2008**, 47, 6990-7001	5.1	86
79	1,2-Dibromo- and 1,2-Diiodotetrafluorobenzene as Precursors of Anionic Homo- and Heterometallic Gold Complexes. *Organometallics*, **2008**, 27, 2971-2979	3.8	22
78	Vapochromic behavior of {Ag2(Et2O)2[Au(C6F5)2]2}n with volatile organic compounds. *Inorganic Chemistry*, **2008**, 47, 8069-76	5.1	101
77	The preparation of highly active antimicrobial silver nanoparticles by an organometallic approach. *Nanotechnology*, **2008**, 19, 185602	3.4	51
76	Theoretical study of the aggregation of d10□2 Au(I)□Tl(I) complexes in extended unsupported chains. *Computational and Theoretical Chemistry*, **2008**, 851, 121-126		12
75	Solvent Induced Luminescence in Supramolecular Heterobimetallic Gold(I)-Copper(I) Complexes with a Bidentate Nitrile Ligand. *Open Inorganic Chemistry Journal*, **2008**, 2, 73-79		5
74	Perhalophenyl(tetrahydrothiophene)gold(I) Complexes as Lewis Bases in Acid□Base Reactions with Silver Trifluoroacetate□*Organometallics*, **2007**, 26, 5931-5939	3.8	30
73	Photophysical studies and excited-state structure of a blue phosphorescent gold-thallium complex. *Inorganic Chemistry*, **2007**, 46, 2953-5	5.1	38
72	Tetranuclear (Phosphane)(thiolato)gold(I) Complexes: Synthesis, Characterization and Photoluminescent Properties. *European Journal of Inorganic Chemistry*, **2007**, 2007, 4001-4005	2.3	21
71	Pyridine gold complexes. an emerging class of luminescent materials **2007**, 40, 172-183		29
70	Experimental and theoretical evidence of the first Au(i)...Bi(iii) interaction. *Chemical Communications*, **2007**, 571-3	5.8	57
69	Gold-heterometal complexes. Evolution of a new class of luminescent materials. *Dalton Transactions*, **2007**, 1969-81	4.3	128

68	Photophysical and Theoretical Studies on Luminescent Tetranuclear Coinage Metal Building Blocks. *Organometallics*, **2006**, 25, 3639-3646	3.8	76
67	Synthesis, coordination to Au(I) and photophysical properties of a novel polyfluorinated benzothiazolephosphine ligand. *Dalton Transactions*, **2006**, 3672-7	4.3	7
66	Mesitylgold(I) and Silver(I) Perfluorocarboxylates as Precursors of Supramolecular Au/Ag Systems. *Organometallics*, **2006**, 25, 4307-4315	3.8	29
65	Easy Ketimine Formation Assisted by Heteropolynuclear Gold–Thallium Complexes. *Organometallics*, **2006**, 25, 1689-1695	3.8	26
64	cis-Bis[diphenyl(phenylsulfanylmethyl)diphenylphosphine-P]bis(pentafluorophenyl)gold(III) perchlorate chloroform solvate. *Acta Crystallographica Section E: Structure Reports Online*, **2006**, 62, m1997-m1999		1
63	A step forward in gold-silver metallophilicity. An AuAg4 moiety with a square pyramidal arrangement. *Dalton Transactions*, **2005**, 1162-4	4.3	25
62	Phosphorescent excited state of [Au2[(Ph2Sb)2O]3]2+: Jahn-Teller distortion at only one gold(I) center. *Journal of the American Chemical Society*, **2005**, 127, 11564-5	16.4	32
61	Au(I)...Ag(I) metallophilic interactions between anionic units: theoretical studies on a AuAg4 square pyramidal arrangement. *Journal of Physical Chemistry B*, **2005**, 109, 20652-6	3.4	16
60	Au–Tl Linear Chains as Lewis Acids toward [Au(C6X5)2]- Metalloligands: The First Anionic Heteropolymetallic Chains. *Organometallics*, **2005**, 24, 1631-1637	3.8	31
59	Unsupported gold(I)-copper(I) interactions through eta1 Au-[Au(C6F5)2]- coordination to Cu+ Lewis acid sites. *Inorganic Chemistry*, **2005**, 44, 1163-5	5.1	43
58	Tunable photoluminescence of closed-shell heterobimetallic Au-Ag dicyanide layered systems. *Journal of Physical Chemistry B*, **2005**, 109, 4317-23	3.4	33
57	A family of Au-Tl loosely bound butterfly clusters. *Inorganic Chemistry*, **2005**, 44, 6012-8	5.1	35
56	Dimethylsulfoxide gold–thallium complexes. Effects of the metal–metal interactions in the luminescence. *Inorganica Chimica Acta*, **2005**, 358, 4293-4300	2.7	25
55	Luminescence in complexes with Au(I)···Tl(I) interactions. *Coordination Chemistry Reviews*, **2005**, 249, 1423-1433	13.2	36
54	Tetranuclear Gold(I) Clusters with Nitrogen Donor Ligands: Luminescence and X-Ray Structure of Gold(I) Naphthyl Amidinate Complex. *Journal of Cluster Science*, **2004**, 15, 397-411	3	27
53	Gold-thallium supramolecular arrays with 4,4'-bipyridine. Solvent induction of luminescent networks. *Dalton Transactions*, **2004**, 1801-6	4.3	31
52	A detailed study of the vapochromic Behavior of [Tl[Au(C6Cl5)2]]n. *Inorganic Chemistry*, **2004**, 43, 3573-81	5.1	97
51	Thallium(I) Acetylacetonate as Building Blocks of Luminescent Supramolecular Architectures?. *Organometallics*, **2004**, 23, 774-782	3.8	42

50	Effects of diphosphine structure on aurophilicity and luminescence in Au(I) complexes. *Dalton Transactions*, **2004**, 3459-67	4.3	101
49	Luminescent Gold(I)-Thallium(I) Arrays through N-Bidentate Building Blocks. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **2004**, 59, 1379-1386	1	21
48	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
47	Gold(I) Pyrazolate Clusters: The Structure and Luminescence of the Tetranuclear, Base-Stabilized [(dppm)2Au4(3,5-Ph2Pz)2](NO3)2 ? H2O. *Journal of Cluster Science*, **2003**, 14, 61-70	3	27
46	Theoretical and photoluminescence studies on the d10-s2 AuI-TlI interaction in extended unsupported chains. *Chemistry - A European Journal*, **2003**, 9, 456-65	4.8	69
45	Structural characterization of silver(I) complexes of diphenylmethanimine and (diphenylmethyleneamino)diphenylphosphine. *Inorganica Chimica Acta*, **2003**, 347, 9-15	2.7	4
44	Luminescent nido-carborane-diphosphine anions [(PR2)2C2B9H10](-) (R = Ph, (i)Pr). Modification of their luminescence properties upon formation of three-coordinate gold(I) complexes. *Inorganic Chemistry*, **2003**, 42, 2061-8	5.1	61
43	(Tl[Au(C(6)Cl(5))(2)])(n): A vapochromic complex. *Journal of the American Chemical Society*, **2003**, 125, 2022-3	16.4	195
42	Coordination modes of diphenylphosphinothioformamide in its neutral and deprotonated forms at gold(I). *Dalton Transactions*, **2003**, 1076-1082	4.3	11
41	A Study of the Interactions in an Extended Unsupported Gold-Silver Chain. *European Journal of Inorganic Chemistry*, **2002**, 2002, 750-753	2.3	40
40	Synthesis, structure, and photophysical studies of luminescent two- and three-dimensional gold-thallium supramolecular arrays. *Inorganic Chemistry*, **2002**, 41, 1056-63	5.1	74
39	Do aurophilic interactions compete against hydrogen bonds? Experimental evidence and rationalization based on ab initio calculations. *Journal of the American Chemical Society*, **2002**, 124, 6781-6	16.4	75
38	Dinuclear gold(I) dithiophosphonate complexes: synthesis, luminescent properties, and X-ray crystal structures of [AuS(2)PR(OR')](2) (R = Ph, R' = C(5)H(9); R = 4-C(6)H(4)OMe, R' = (1S,5R,2S)-(--)-menthyl; R = Fc, R' = (CH(2))(2)O(CH(2))(2)OMe). *Inorganic Chemistry*, **2002**, 41, 4579-89	5.1	97
37	[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. *Journal of the American Chemical Society*, **2002**, 124, 5942-3	16.4	63
36	Synthesis of homo- and hetero-polynuclear coinage metal complexes of 2-(diphenylphosphino)aniline. *Dalton Transactions RSC*, **2002**, 1319-1326		25
35	Luminescence in gold-heterometal complexes **2001**, 34, 14-19		18
34	Dithiophosphinates of gold (I); oxidative addition of Cl2 to a neutral, dinuclear gold(I) dithiophosphinate complex, and X-ray crystal structures of [AuS2P(C2H5)2]2, [AuS2PPh2]2, Au2(CH2)2PMe2(S2PPh2), and Au2Cl2[(CH2)2PMe2][S2PPh2]. *Canadian Journal of Chemistry*, **2001**, 79, 896-903	0.9	24
33	Heteropolynuclear complexes with the ligand Ph2PCH2SPh: theoretical evidence for metallophilic Au-M attractions. *Chemistry - A European Journal*, **2000**, 6, 636-44	4.8	81

32	Heteropolynuclear phosphide complexes: phosphorus as unique atom bridging coinage metal centres. *Chemistry - A European Journal*, **2000**, 6, 4116-23	4.8	13
31	Luminescence studies of dinuclear gold(I) phosphor-1,1-dithiolate complexes. *Journal of Molecular Structure*, **2000**, 516, 99-106	3.4	75
30	Trinuclear Gold(I) Complexes with Various Coordination Modes of N,N-dimethyldithiocarbamate. *Journal of Cluster Science*, **2000**, 11, 153-167	3	13
29	Luminescent Characterization of Solution Oligomerization Process Mediated Gold□Gold Interactions. DFT Calculations on [Au2Ag2R4L2]n Moieties. *Journal of the American Chemical Society*, **2000**, 122, 7287-7293	16.4	126
28	Synthesis, structure, luminescence, and theoretical studies of tetranuclear gold clusters with phosphinocarborane ligands. *Inorganic Chemistry*, **2000**, 39, 4280-5	5.1	49
27	The elusive structures of pentakis[(triphenylphosphine)gold]ammonium(2+) bi. *Inorganic Chemistry*, **2000**, 39, 547-54	5.1	24
26	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. *Inorganic Chemistry*, **2000**, 39, 4786-92	5.1	65
25	Gold complexes of 3,4-bis(diphenylphosphinoamino)toluene and 1,2-bis(diphenylphosphinoamino)benzene. A comparative study□*Journal of the Chemical Society Dalton Transactions*, **1999**, 4009-4017		18
24	[Au(C6F5)3(PPh2H)]: eine Vorstufe zur Synthese von Phosphanidogold(III)-Komplexen. *Angewandte Chemie*, **1998**, 110, 3199-3201	3.6	4
23	[Au(C F) (PPh H)]: A Precursor for the Synthesis of Gold(III) Phosphide Complexes. *Angewandte Chemie - International Edition*, **1998**, 37, 3042-3043	16.4	21
22	Gold complexes with mono- or di-chalcogenides of bis(diphenylphosphino)methanide ligands. X-ray crystal structure of [Au(C6F5)2{(SPPh2)2C(AuAsPh3)2}]ClO4. *Polyhedron*, **1998**, 17, 2029-2035	2.7	16
21	Two alternatives for the synthesis of non-cyclic phosphino-methanide derivatives of gold. *Polyhedron*, **1998**, 17, 3919-3925	2.7	4
20	[Tl(OPPh3)2][Au(C6F5)2]: the first extended unsupported gold□hallium linear chain. *Chemical Communications*, **1998**, 2223-2224	5.8	2
19	Dithiocarbamate Ligands as Building-Blocks in the Coordination Chemistry of Gold. *Inorganic Chemistry*, **1998**, 37, 5532-5536	5.1	25
18	Theoretical Evidence for Transannular Metal-Metal Interactions in Dinuclear Coinage Metal Complexes. *Inorganic Chemistry*, **1998**, 37, 6002-6006	5.1	76
17	Gold Coordination by a Tertiary Phosphine with Three Thioether Functions. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **1997**, 52, 217-220	1	3
16	Gold(I) Complexes of Open-chain and Cyclic Di-secondary Amines. *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **1997**, 52, 209-213	1	4
15	Synthesis of highly stable intermediates in Michael-type additions to the double bond in (SPPh2)2CCH2. *Journal of the Chemical Society Dalton Transactions*, **1997**, 3515-3518		2

14	Gold Clustering at the Terminal Functions of Long-Chain Thiols and Amines. *Inorganic Chemistry*, **1997**, 36, 966-968	5.1	15
13	Polynuclear Gold(I) Complexes of Functionalized Thiols and Dithiols. *Chemische Berichte*, **1997**, 130, 641-646		16
12	Gold Coordination by 2-(Diphenylphosphanyl)aniline. *Chemische Berichte*, **1997**, 130, 647-650		13
11	Coordination Compounds of Coinage Metals with Vinylidenebis(diphenyl-phosphane) and Its Disulfide and Their Reactivity towards Nucleophiles. *Chemische Berichte*, **1997**, 130, 1513-1517		9
10	Mixed co-ordination numbers and geometries of gold(I) in a dinuclear complex of thioglycerol. *Journal of the Chemical Society Dalton Transactions*, **1996**, 4511-4512		8
9	Different coordination modes of the 1,1,1-tris(diphenylphosphinomethyl) ethane ligand in gold(I) and gold(III) complexes. *Journal of Organometallic Chemistry*, **1996**, 514, 169-175	2.3	10
8	Synthesis and structure of [Tl(C6F5)2Cl{Au(C6F5)3(PPh2CH2PPh2(O))}2]. *Journal of Organometallic Chemistry*, **1996**, 525, 109-113	2.3	9
7	Synthesis, Structure, and Reactivity of the Anionic Trinuclear Methanide NBu4[{Au(C6F5)3(PPh2CHPPh2)}2Au]. *Organometallics*, **1995**, 14, 2918-2922	3.8	29
6	A Hexanuclear Gold(I) Complex: [{(Ph3PAu)2 C(PPh2AuPPh2)}2](ClO4)2. *Angewandte Chemie International Edition in English*, **1994**, 33, 87-88		35
5	Tris(diphenylphosphino)methanide gold(III) complexes. Crystal structures of [Au(C6F5)2{(Ph2P)2CPPh2}] and [(F5C6)2Au{(Ph2P)2CPPh2}AuCl]. *Journal of the Chemical Society Dalton Transactions*, **1994**, 3487-3492		6
4	Di-, tri- and tetra-nuclear gold(I) complexes with Tris(diphenylphosphino)-methane or -methanide as ligand. Crystal structures of two modifications of [(O)Ph2PC(PPh2AuPPh2)2CPPh2(O)]□4CH2Cl2. *Journal of the Chemical Society Dalton Transactions*, **1993**, 3401-3406		13
3	Ylide-gold(I) complexes of the types [Au(ylide)L]+ [Au(ylide)(C?CR)] and [Au(ylide){Co(CO)4}]. *Inorganica Chimica Acta*, **1993**, 208, 31-36	2.7	17
2	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
1	Luminescence of Supramolecular Gold-Containing Materials347-401		24