

Miguel Monge

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

144
papers

4,331
citations

35
h-index

59
g-index

150
ext. papers

4,647
ext. citations

5.3
avg, IF

5.33
L-index

#	Paper	IF	Citations
144	An organometallic approach for the preparation of Au-TiO and Au-g-CN nanohybrids: improving the depletion of paracetamol under visible light.. <i>Photochemical and Photobiological Sciences</i> , 2022 , 1	4.2	1
143	The photocatalytic degradation of naproxen with g-C3N4 and visible light: Identification of primary by-products and mechanism in tap water and ultrapure water. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 106964	6.8	2
142	Spontaneous generation of photoemissive aurophilic oligomers in water solution based on the 2-thiocytosine ligand.. <i>RSC Advances</i> , 2022 , 12, 8466-8473	3.7	
141	Optical Properties in Heteronuclear Gold(I)/Silver(I) Complexes of Aliphatic Mixed-Donor Macrocycles Featuring Metallophilic Interactions. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 4552	2.3	1
140	Combination of Au-Ag Plasmonic Nanoparticles of Varied Compositions with Carbon Nitride for Enhanced Photocatalytic Degradation of Ibuprofen under Visible Light. <i>Materials</i> , 2021 , 14,	3.5	3
139	Rational Assembly of Metallophilic Gold(I)-Lead(II) and Gold(I)-Gold(I) Puzzle Pieces. <i>Angewandte Chemie</i> , 2021 , 133, 650-654	3.6	1
138	Rational Assembly of Metallophilic Gold(I)-Lead(II) and Gold(I)-Gold(I) Puzzle Pieces. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 640-644	16.4	3
137	Single-step assembly of gold nanoparticles into plasmonic colloidosomes at the interface of oleic acid nanodroplets. <i>Nanoscale Advances</i> , 2021 , 3, 198-205	5.1	6
136	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. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 10174-10183	3.6	1
135	Multidisciplinary study on the hydrogelation of the digold(I) complex $[\{Au(9N\text{-adeninate})\}_2(\text{Edmpe})]$: optical, rheological, and quasi-elastic neutron scattering perspectives. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 3707-3715	6.8	2
134	Designing heterostructured core@satellite Prussian Blue Analogue@Au@Ag nanoparticles: Effect on the magnetic properties and catalytic activity. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 2248-2260	6.8	2
133	Time-Dependent Molecular Rearrangement of $[Au(\text{-adeninate})(\text{PTA})]$ in Aqueous Solution and Aggregation-Induced Emission in a Hydrogel Matrix. <i>Inorganic Chemistry</i> , 2021 , 60, 3667-3676	5.1	2
132	The photocatalytic degradation of sodium diclofenac in different water matrices using g-C3N4 nanosheets: A study of the intermediate by-products and mechanism. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105827	6.8	7
131	An improved plasmonic Au@Ag/TiO2/rGO photocatalyst through entire visible range absorption, charge separation and high adsorption ability. <i>New Journal of Chemistry</i> , 2021 , 45, 11727-11736	3.6	3
130	1D and 2D Silver-Based Coordination Polymers with Thiomorpholine-4-carbonitrile and Aromatic Polyoxoacids as Coligands: Structure, Photocatalysis, Photoluminescence, and TD-DFT Study. <i>Crystal Growth and Design</i> , 2020 , 20, 4461-4478	3.5	5
129	Zigzag vs Helicoidal Gold-Silver 1D Chains: Influence of Subtle Interactions in the Spatial Arrangement of Supramolecular Systems. <i>Inorganic Chemistry</i> , 2020 , 59, 9443-9451	5.1	1
128	Versatile coordinative abilities of perhalophenyl-gold(I) fragments to Xantphos: Influence on the emissive properties. <i>Journal of Organometallic Chemistry</i> , 2020 , 913, 121198	2.3	5

127	Study of intermediate by-products and mechanism of the photocatalytic degradation of ciprofloxacin in water using graphitized carbon nitride nanosheets. <i>Chemosphere</i> , 2020 , 247, 125910	8.4	22
126	Structural and Luminescence Properties of Heteronuclear Gold(I)/Thallium(I) Complexes Featuring Metallophilic Interactions Tuned by Quinoline Pendant Arm Derivatives of Mixed Donor Macrocycles. <i>Inorganic Chemistry</i> , 2020 , 59, 6398-6409	5.1	7
125	Perhalophenyl Three-Coordinate Gold(I) Complexes as TADF Emitters: A Photophysical Study from Experimental and Computational Viewpoints. <i>Inorganic Chemistry</i> , 2020 , 59, 14236-14244	5.1	8
124	Metallophilic Au(i)M(i) interactions (M = Tl, Ag) in heteronuclear complexes with 1,4,7-triazacyclononane: structural features and optical properties. <i>Dalton Transactions</i> , 2020 , 49, 109834-109933	4.3	6
123	Balancing ionic and H-bonding interactions for the formation of Au(i) hydrometallogels. <i>Dalton Transactions</i> , 2019 , 48, 7519-7526	4.3	6
122	Temperature-assisted formation of reversible metallophilic Au-Ag interaction arrays. <i>Dalton Transactions</i> , 2019 , 48, 5149-5155	4.3	4
121	Unequivocal Experimental Evidence of the Relationship between Emission Energies and Auophilic Interactions. <i>Inorganic Chemistry</i> , 2019 , 58, 4954-4961	5.1	21
120	Synthesis of water-soluble gold-aryl 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
119	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
118	Photocatalytic degradation of ibuprofen in water using TiO ₂ /UV and g-CN/visible light: Study of intermediate degradation products by liquid chromatography coupled to high-resolution mass spectrometry. <i>Chemosphere</i> , 2019 , 215, 605-618	8.4	42
117	Some new findings on the potential use of biocompatible silver nanoparticles in winemaking. <i>Innovative Food Science and Emerging Technologies</i> , 2019 , 51, 64-72	6.8	15
116	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. <i>Dalton Transactions</i> , 2018 , 47, 3231-3238	4.3	4
115	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
114	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
113	Dispersive Forces and Dipole Moment Increase as Driving Forces for the Formation of an Unprecedented Metallophilic Heterotrimetallic System. <i>Chemistry - A European Journal</i> , 2018 , 24, 13740-13743	4.8	5
112	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
111	Synthesis of gold organometallics at the nanoscale. <i>Journal of Organometallic Chemistry</i> , 2018 , 877, 1-11	2.3	19
110	Luminescent aryl-group eleven metal complexes. <i>Dalton Transactions</i> , 2017 , 46, 2046-2067	4.3	42

109	Tuning Au(I)⋯I(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
108	An intrinsic dual-emitting gold thiolate coordination polymer, [Au(+I)(p-SPhCO ₂ H)] _n , for ratiometric temperature sensing. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9843-9848	7.1	20
107	Tailor-Made Luminescent Polymers through Unusual Metallophilic Interaction Arrays Au⋯Au⋯Ag⋯Ag. <i>Inorganic Chemistry</i> , 2017 , 56, 9281-9290	5.1	18
106	New Au(I)-Cu(I) heterometallic complexes: the role of bridging pyridazine ligands in the presence of unsupported metallophilic interactions. <i>Dalton Transactions</i> , 2017 , 46, 10941-10949	4.3	5
105	The key role of Au-substrate interactions in catalytic gold subnanoclusters. <i>Nature Communications</i> , 2017 , 8, 1657	17.4	29
104	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
103	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
102	Synthesis of the molecular amalgam [AuHg(μ-C ₆ H ₄)(μ-Hg(μ-C ₆ H ₄))]: a rare example of a heterometallic homoleptic metallacycle. <i>Dalton Transactions</i> , 2016 , 45, 6334-8	4.3	14
101	Experimental and Theoretical Study of the Effectiveness and Stability of Gold(I) Catalysts Used in the Synthesis of Cyclic Acetals. <i>Organometallics</i> , 2016 , 35, 732-740	3.8	6
100	Applications of Nanotechnology in Wine Production and Quality and Safety Control 2016 , 51-69		7
99	Shedding light on an ultra-bright photoluminescent lamellar gold thiolate coordination polymer [Au(p-SPhCO ₂ Me)] _n . <i>Chemical Communications</i> , 2016 , 52, 9063-6	5.8	33
98	Double Jahn-Teller Distortion in AuGe Complexes Leading to a Dual Blue-Orange Emission. <i>ChemPlusChem</i> , 2016 , 81, 176-186	2.8	6
97	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
96	1,4-Bis(2-Pyridylethynyl)benzene as a ligand in heteronuclear gold-thallium complexes. Influence of the ancillary ligands on their optical properties. <i>Dalton Transactions</i> , 2015 , 44, 6719-30	4.3	6
95	Dual fluorescence of 4-(dimethylamino)-pyridine: a comparative linear response TDDFT versus state-specific CASSCF study including solvent with the PCM model. <i>Theoretical Chemistry Accounts</i> , 2015 , 134, 1	1.9	5
94	A luminescent double helical gold(I)thiophenolate coordination polymer obtained by hydrothermal synthesis or by thermal solid-state amorphous-to-crystalline isomerization. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 4115-4125	7.1	32
93	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
92	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

91	The gold(i)–lead(ii) interaction: a relativistic connection. <i>Chemical Science</i> , 2015 , 6, 2022-2026	9.4	28
90	Novel biocompatible silver nanoparticles for controlling the growth of lactic acid bacteria and acetic acid bacteria in wines. <i>Food Control</i> , 2015 , 50, 613-619	6.2	30
89	Comparative study of (N, Fe) doped TiO ₂ photocatalysts. <i>Applied Surface Science</i> , 2015 , 327, 490-497	6.7	61
88	[AuHg(o-C ₆ H ₄ PPH ₂) ₂] ₂]: A Dinuclear Heterometallic Blue Emitter. <i>Inorganics</i> , 2015 , 3, 27-39	2.9	6
87	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
86	Study of the Nature of Closed-Shell HgII–MI (M = Cu, Ag, Au) Interactions. <i>Organometallics</i> , 2015 , 34, 3029-3038	3.8	22
85	Synthesis and plasmonic properties of monodisperse Au–Ag alloy nanoparticles of different compositions from a single-source organometallic precursor. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2975	7.1	22
84	Synthesis and Plasmonic Properties of Core–Shell Bimetallic Silver–Gold Nanoprisms Obtained through an Organometallic Route. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 2383-2388	2.3	7
83	Theoretical studies on an unusual [Ag]+–[Au]–[Au]–[Ag]+ metallophilic pattern: Dispersive forces vs. classical coulomb forces. <i>Computational and Theoretical Chemistry</i> , 2014 , 1030, 53-58	2	6
82	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
81	Ultrasmall 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
80	Copper(I)-assisted red-shifted phosphorescence in Au(I)–Cu(I) heteropolynuclear complexes. <i>Dalton Transactions</i> , 2014 , 43, 16486-97	4.3	22
79	Experimental and Theoretical Study of Gold(III)-Catalyzed Hydration of Alkynes. <i>Organometallics</i> , 2014 , 33, 3823-3830	3.8	25
78	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
77	Analysis of fluorescence quenching of naphthalene by two mercury containing organometallic complexes. <i>Journal of Luminescence</i> , 2014 , 154, 322-327	3.8	9
76	Room temperature ferromagnetism and absorption red-shift in nitrogen-doped TiO ₂ nanoparticles. <i>Journal of Alloys and Compounds</i> , 2014 , 612, 450-455	5.7	18
75	Magnetically Separable Photocatalyst Fe ₃ O ₄ /SiO ₂ /N-TiO ₂ Hybrid Nanostructures. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 1-4	2	7
74	Double Photoinduced Jahn-Teller Distortion of Tetrahedral Au–Sn Complexes. <i>ChemPlusChem</i> , 2014 , 79, 67-76	2.8	17

73	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
72	Luminescent gold-silver complexes derived from neutral bis(perfluoroaryl)diphosphine gold(I) precursors. <i>Dalton Transactions</i> , 2013 , 42, 4267-77	4.3	17
71	Heterometallic gold(I)-thallium(I) compounds with crown thioethers. <i>Dalton Transactions</i> , 2013 , 42, 11559-70	4.3	18
70	A novel hexanuclear silver(I) cluster containing a regular Ag ₆ ring with short Ag-Ag distances and an argentophilic interaction. <i>Dalton Transactions</i> , 2013 , 42, 5916-23	4.3	35
69	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
68	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
67	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
66	Size and shape assessment of organometallic gold(I) metallodendrimers through PGSE-NMR and molecular dynamics simulations. <i>Inorganica Chimica Acta</i> , 2012 , 380, 31-39	2.7	4
65	Metal-Induced Phosphorescence in (Pentafluorophenyl)gold(III) Complexes. <i>Organometallics</i> , 2011 , 30, 4486-4489	3.8	12
64	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
63	Silver nanoparticles: synthesis through chemical methods in solution and biomedical applications. <i>Open Chemistry</i> , 2011 , 9, 7-19	1.6	80
62	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
61	Basicity of bisperhalophenyl aurates toward closed-shell metal ions: metallophilicity and additional interactions. <i>Theoretical Chemistry Accounts</i> , 2011 , 129, 593-602	1.9	8
60	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
59	Homopolynuclear TlI and Heteropolynuclear AuI–TlI Complexes with Organodiselenone Ligands: Activation of Luminescence by Intermetallic Interactions. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 2288-2297	2.3	17
58	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
57	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
56	Highly emissive dinuclear complexes [Au ₂ {(PPh ₂) ₂ C ₂ B ₉ H ₁₀ }(C ₆ F ₅)(PR ₃)] with different gold fragments coordinated to an anionic diphosphine. <i>Dalton Transactions</i> , 2011 , 40, 10038-46	4.3	14

55	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
54	Theoretical study of the closed-shell d ¹⁰ Au(I)–Cu(I) attraction in complexes in extended unsupported chains. <i>Computational and Theoretical Chemistry</i> , 2011 , 965, 163-167	2	13
53	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
52	Study of the coordination abilities of stibine ligands to gold(I). <i>Inorganic Chemistry</i> , 2010 , 49, 5530-41	5.1	22
51	Luminescence of five-coordinated nickel(II) complexes with substituted-8-hydroxyquinolines and macrocyclic ligands. <i>Dalton Transactions</i> , 2010 , 39, 1797-806	4.3	15
50	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
49	Synthesis and characterization of perhalophenyltin derivatives. Study of their reactivity toward phosphine gold(I) chlorides. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 2385-2393	2.3	9
48	Multiple evidence for gold(I)–silver(I) interactions in solution. <i>Chemistry - A European Journal</i> , 2009 , 15, 6222-33	4.8	34
47	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
46	Organometallic chemistry: an alternative approach towards metal oxide nanoparticles. <i>Journal of Materials Chemistry</i> , 2009 , 19, 4044		74
45	Dendritic (phosphine)gold(I) thiolate complexes: assessment of the molecular size through PGSE NMR studies. <i>Dalton Transactions</i> , 2009 , 474-80	4.3	10
44	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
43	New palladium(II) and platinum(II) complexes with 9-aminoacridine: structures, luminescence, theoretical calculations, and antitumor activity. <i>Inorganic Chemistry</i> , 2008 , 47, 6990-7001	5.1	86
42	Vapochromic behavior of {Ag ₂ (Et ₂ O) ₂ [Au(C ₆ F ₅) ₂] ₂ } _n with volatile organic compounds. <i>Inorganic Chemistry</i> , 2008 , 47, 8069-76	5.1	101
41	The preparation of highly active antimicrobial silver nanoparticles by an organometallic approach. <i>Nanotechnology</i> , 2008 , 19, 185602	3.4	51
40	Theoretical study of the aggregation of d ¹⁰ Au(I)–Cu(I) complexes in extended unsupported chains. <i>Computational and Theoretical Chemistry</i> , 2008 , 851, 121-126		12
39	Solvent Induced Luminescence in Supramolecular Heterobimetallic Gold(I)-Copper(I) Complexes with a Bidentate Nitrile Ligand. <i>Open Inorganic Chemistry Journal</i> , 2008 , 2, 73-79		5
38	Perhalophenyl(tetrahydrothiophene)gold(I) Complexes as Lewis Bases in Acid-Base Reactions with Silver Trifluoroacetate. <i>Organometallics</i> , 2007 , 26, 5931-5939	3.8	30

37	Photophysical studies and excited-state structure of a blue phosphorescent gold-thallium complex. <i>Inorganic Chemistry</i> , 2007 , 46, 2953-5	5.1	38
36	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
35	Pyridine gold complexes. an emerging class of luminescent materials 2007 , 40, 172-183		29
34	Experimental and theoretical evidence of the first Au(i)...Bi(iii) interaction. <i>Chemical Communications</i> , 2007 , 571-3	5.8	57
33	Optical properties of zinc oxide nanoparticles and nanorods synthesized using an organometallic method. <i>ChemPhysChem</i> , 2006 , 7, 2392-7	3.2	130
32	Photophysical and Theoretical Studies on Luminescent Tetranuclear Coinage Metal Building Blocks. <i>Organometallics</i> , 2006 , 25, 3639-3646	3.8	76
31	Synthesis, coordination to Au(I) and photophysical properties of a novel polyfluorinated benzothiazolephosphine ligand. <i>Dalton Transactions</i> , 2006 , 3672-7	4.3	7
30	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
29	Phosphorescent excited state of [Au ₂ [(Ph ₂ Sb)O]3]2+: Jahn-Teller distortion at only one gold(I) center. <i>Journal of the American Chemical Society</i> , 2005 , 127, 11564-5	16.4	32
28	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
27	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
26	Tunable photoluminescence of closed-shell heterobimetallic Au-Ag dicyanide layered systems. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 4317-23	3.4	33
25	Size- and Shape-Control of Crystalline Zinc Oxide Nanoparticles: A New Organometallic Synthetic Method. <i>Advanced Functional Materials</i> , 2005 , 15, 458-468	15.6	209
24	Spontaneous formation of ordered 2D and 3D superlattices of ZnO nanocrystals. <i>Small</i> , 2005 , 1, 221-4	11	68
23	A detailed study of the vapochromic Behavior of [Tl[Au(C ₆ Cl ₅) ₂]] _n . <i>Inorganic Chemistry</i> , 2004 , 43, 3573-8	4.1	97
22	Thallium(I) Acetylacetonate as Building Blocks of Luminescent Supramolecular Architectures?. <i>Organometallics</i> , 2004 , 23, 774-782	3.8	42
21	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
20	Room-Temperature Organometallic Synthesis of Soluble and Crystalline ZnO Nanoparticles of Controlled Size and Shape. <i>Angewandte Chemie</i> , 2003 , 115, 5479-5482	3.6	43

19	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
18	Room-temperature organometallic synthesis of soluble and crystalline ZnO nanoparticles of controlled size and shape. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 5321-4	16.4	198
17	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
16	(Tl[Au(C(6)Cl(5))(2)])(n): A vapochromic complex. <i>Journal of the American Chemical Society</i> , 2003 , 125, 2022-3	16.4	195
15	Coordination modes of diphenylphosphinothioformamide in its neutral and deprotonated forms at gold(I). <i>Dalton Transactions</i> , 2003 , 1076-1082	4.3	11
14	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
13	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
12	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
11	[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
10	Heteropolynuclear complexes with the ligand Ph ₂ PCH ₂ SPh: theoretical evidence for metallophilic Au-M attractions. <i>Chemistry - A European Journal</i> , 2000 , 6, 636-44	4.8	81
9	Trinuclear Gold(I) Complexes with Various Coordination Modes of N,N-dimethyldithiocarbamate. <i>Journal of Cluster Science</i> , 2000 , 11, 153-167	3	13
8	Luminescent Characterization of Solution Oligomerization Process Mediated Gold-Gold Interactions. DFT Calculations on [Au ₂ Ag ₂ R ₄ L ₂] _n Moieties. <i>Journal of the American Chemical Society</i> , 2000 , 122, 7287-7293	16.4	126
7	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
6	Heteropolynuclear Complexes with the Ligand Ph ₂ PCH ₂ SPh: Theoretical Evidence for Metallophilic Au-M Attractions 2000 , 6, 636		2
5	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
4	[Tl(OPPh ₃) ₂][Au(C ₆ F ₅) ₂]: the first extended unsupported gold-thallium linear chain. <i>Chemical Communications</i> , 1998 , 2223-2224	5.8	2
3	Dithiocarbamate Ligands as Building-Blocks in the Coordination Chemistry of Gold. <i>Inorganic Chemistry</i> , 1998 , 37, 5532-5536	5.1	25
2	Theoretical Evidence for Transannular Metal-Metal Interactions in Dinuclear Coinage Metal Complexes. <i>Inorganic Chemistry</i> , 1998 , 37, 6002-6006	5.1	76

