Miguel Monge

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7024117/publications.pdf

Version: 2024-02-01

144 papers	5,062 citations	87723 38 h-index	114278 63 g-index
150 all docs	150 docs citations	150 times ranked	4688 citing authors

#	Article	IF	Citations
1	The photocatalytic degradation of naproxen with g-C3N4 and visible light: Identification of primary by-products and mechanism in tap water and ultrapure water. Journal of Environmental Chemical Engineering, 2022, 10, 106964.	3.3	12
2	Influence of perhalophenyl groups in the TADF mechanism of diphosphino gold(<scp>i</scp>) complexes. Journal of Materials Chemistry C, 2022, 10, 4894-4904.	2.7	7
3	An organometallic approach for the preparation of Auâ€“TiO2 and Au-g-C3N4 nanohybrids: improving the depletion of paracetamol under visible light. Photochemical and Photobiological Sciences, 2022, 21, 337-347.	1.6	12
4	Spontaneous in situ generation of photoemissive aurophilic oligomers in water solution based on the 2-thiocytosine ligand. RSC Advances, 2022, 12, 8466-8473.	1.7	1
5	Zn(<scp>ii</scp>) complexes with thiazolylâ€“hydrazones: structure, intermolecular interactions, photophysical properties, computational study and anticancer activity. CrystEngComm, 2022, 24, 5194-5214.	1.3	7
6	Rational Assembly of Metallophilic Gold(I)â€“Lead(II) and Gold(I)â€“Gold(I) Puzzle Pieces. Angewandte Chemie, 2021, 133, 650-654.	1.6	2
7	Rational Assembly of Metallophilic Gold(I)â€“Lead(II) and Gold(I)â€“Gold(I) Puzzle Pieces. Angewandte Chemie - International Edition, 2021, 60, 640-644.	7.2	11
8	Single-step assembly of gold nanoparticles into plasmonic colloidosomes at the interface of oleic acid nanodroplets. Nanoscale Advances, 2021, 3, 198-205.	2.2	10
9	Computational prediction of Au(<scp>i</scp>)â€“Pb(<scp>ii</scp>) bonding in coordination complexes and study of the factors affecting the formation of Au(<scp>i</scp>)â€“E(<scp>ii</scp>) (E = Ge, Sn, Pb) covalent bonds. Physical Chemistry Chemical Physics, 2021, 23, 10174-10183.	1.3	2
10	Multidisciplinary study on the hydrogelation of the digold(<scp>i</scp>) complex [{Au(⁹N-adeninate)}₂(Î¼-dmpe)]: optical, rheological, and quasi-elastic neutron scattering perspectives. Inorganic Chemistry Frontiers, 2021, 8, 3707-3715.	3.0	5
11	Designing heterostructured core@satellite Prussian Blue Analogue@Auâ€“Ag nanoparticles: Effect on the magnetic properties and catalytic activity. Inorganic Chemistry Frontiers, 2021, 8, 2248-2260.	3.0	8
12	Time-Dependent Molecular Rearrangement of [Au(N⁹-adeninate)(PTA)] in Aqueous Solution and Aggregation-Induced Emission in a Hydrogel Matrix. Inorganic Chemistry, 2021, 60, 3667-3676.	1.9	4
13	Combination of Au-Ag Plasmonic Nanoparticles of Varied Compositions with Carbon Nitride for Enhanced Photocatalytic Degradation of Ibuprofen under Visible Light. Materials, 2021, 14, 3912.	1.3	11
14	The photocatalytic degradation of sodium diclofenac in different water matrices using g-C3N4 nanosheets: A study of the intermediate by-products and mechanism. Journal of Environmental Chemical Engineering, 2021, 9, 105827.	3.3	32
15	An improved plasmonic Auâ€“Ag/TiO2/rGO photocatalyst through entire visible range absorption, charge separation and high adsorption ability. New Journal of Chemistry, 2021, 45, 11727-11736.	1.4	6
16	Optical Properties in Heteronuclear Gold(I)/Silver(I) Complexes of Aliphatic Mixedâ€Donor Macrocycles Featuring Metallophilic Interactions. European Journal of Inorganic Chemistry, 2021, 2021, 4552-4559.	1.0	4
17	Perhalophenyl Three-Coordinate Gold(I) Complexes as TADF Emitters: A Photophysical Study from Experimental and Computational Viewpoints. Inorganic Chemistry, 2020, 59, 14236-14244.	1.9	15
18	Metallophilic Au(<scp>i</scp>)â‹¯M(<scp>i</scp>) interactions (M = Tl, Ag) in heteronuclear complexes with 1,4,7-triazacyclononane: structural features and optical properties. Dalton Transactions, 2020, 49, 10983-10993.	1.6	7

#	Article	IF	Citations
19	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.	1.4	11
20	Zigzag vs Helicoidal Goldâ€"Silver 1D Chains: Influence of Subtle Interactions in the Spatial Arrangement of Supramolecular Systems. Inorganic Chemistry, 2020, 59, 9443-9451.	1.9	2
21	Versatile coordinative abilities of perhalophenyl-gold(I) fragments to Xantphos: Influence on the emissive properties. Journal of Organometallic Chemistry, 2020, 913, 121198.	0.8	7
22	Study of intermediate by-products and mechanism of the photocatalytic degradation of ciprofloxacin in water using graphitized carbon nitride nanosheets. Chemosphere, 2020, 247, 125910.	4.2	37
23	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.	1.9	10
24	Balancing ionic and H-bonding interactions for the formation of Au(<scp>i</scp>) hydrometallogels. Dalton Transactions, 2019, 48, 7519-7526.	1.6	6
25	Temperature-assisted formation of reversible metallophilic Auâ€"Ag interaction arrays. Dalton Transactions, 2019, 48, 5149-5155.	1.6	6
26	Unequivocal Experimental Evidence of the Relationship between Emission Energies and Aurophilic Interactions. Inorganic Chemistry, 2019, 58, 4954-4961.	1.9	35
27	Synthesis of water-soluble goldâ€"aryl nanoparticles with distinct catalytic performance in the reduction of the environmental pollutant 4-nitrophenol. Catalysis Science and Technology, 2019, 9, 6059-6071.	2.1	29
28	Stimuli-Responsive Solvatochromic Au(I)â€"Ag(I) Clusters: Reactivity and Photophysical Properties Induced by the Nature of the Solvent. Inorganic Chemistry, 2019, 58, 1501-1512.	1.9	23
29	Photocatalytic degradation of ibuprofen in water using TiO2/UV and g-C3N4/visible light: Study of intermediate degradation products by liquid chromatography coupled to high-resolution mass spectrometry. Chemosphere, 2019, 215, 605-618.	4.2	65
30	Some new findings on the potential use of biocompatible silver nanoparticles in winemaking. Innovative Food Science and Emerging Technologies, 2019, 51, 64-72.	2.7	23
31	Unequal coordination environment in complexes of the type [Au2Ag2(R)4(L)2]n. An immiscible solvent mixture as a key point in the control of ligand replacement. Dalton Transactions, 2018, 47, 3231-3238.	1.6	4
32	Cooperative Au(I)Â·Â·Â·Au(I) Interactions and Hydrogen Bonding as Origin of a Luminescent Adeninate Hydrogel Formed by Ultrathin Molecular Nanowires. Inorganic Chemistry, 2018, 57, 3805-3817.	1.9	15
33	Lead encapsulation by a golden clamp through multiple electrostatic, metallophilic, hydrogen bonding and weak interactions. Chemical Communications, 2018, 54, 295-298.	2.2	15
34	Synthesis of gold organometallics at the nanoscale. Journal of Organometallic Chemistry, 2018, 877, 1-11.	0.8	21
35	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.	1.9	19
36	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.	1.7	9

#	Article	IF	Citations
37	Luminescent arylâ€“group eleven metal complexes. Dalton Transactions, 2017, 46, 2046-2067.	1.6	55
38	Tuning Au(I)Â·Â·Â·Tl(I) Interactions via Mixed Thiaâ€“Aza Macrocyclic Ligands: Effects on the Structural and Luminescence Properties. Inorganic Chemistry, 2017, 56, 12551-12563.	1.9	13
39	An intrinsic dual-emitting gold thiolate coordination polymer, [Au(+I)(p-SPhCO₂H)]_n, for ratiometric temperature sensing. Journal of Materials Chemistry C, 2017, 5, 9843-9848.	2.7	30
40	Tailor-Made Luminescent Polymers through Unusual Metallophilic Interaction Arrays AuÂ·Â·Â·AuÂ·Â·Â·AgÂ·Â·Â·Ag. Inorganic Chemistry, 2017, 56, 9281-9290.	1.9	23
41	New Au(<scp>i</scp>)â€“Cu(<scp>i</scp>) heterometallic complexes: the role of bridging pyridazine ligands in the presence of unsupported metallophilic interactions. Dalton Transactions, 2017, 46, 10941-10949.	1.6	7
42	The key role of Au-substrate interactions in catalytic gold subnanoclusters. Nature Communications, 2017, 8, 1657.	5.8	35
43	Double Jahnâ€“Teller Distortion in AuGe Complexes Leading to a Dual Blueâ€“Orange Emission. ChemPlusChem, 2016, 81, 176-186.	1.3	6
44	New Insights into the Au(I)Â·Â·Â·Pb(II) Closed-Shell Interaction: Tuning of the Emissive Properties with the Intermetallic Distance. Inorganic Chemistry, 2016, 55, 10523-10534.	1.9	22
45	Experimental and Theoretical Study of the Reactivity of Gold Nanoparticles Towards Benzimidazoleâ€2â€ylidene Ligands. Chemistry - A European Journal, 2016, 22, 10446-10458.	1.7	36
46	Tuning the Luminescent Properties of a Ag/Au Tetranuclear Complex Featuring Metallophilic Interactions via Solvent-Dependent Structural Isomerization. Inorganic Chemistry, 2016, 55, 11299-11310.	1.9	33
47	Synthesis of the molecular amalgam [{AuHg₂(o-C₆F₄)₃}{Hg₃(o-C₆F₄)₃ a rare example of a heterometallic homoleptic metallacycle. Dalton Transactions, 2016, 45, 6334-6338.	1.4	16
48	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.	1.1	8
49	Applications of Nanotechnology in Wine Production and Quality and Safety Control. , 2016, , 51-69.		10
50	Shedding light on an ultra-bright photoluminescent lamellar gold thiolate coordination polymer [Au(p-SPhCO₂Me)]_n. Chemical Communications, 2016, 52, 9063-9066.	2.2	50
51	[AuHg(o-C6H4PPh2)2I]: A Dinuclear Heterometallic Blue Emitter. Inorganics, 2015, 3, 27-39.	1.2	9
52	The effect of gold(<scp>i</scp>) coordination on the dual fluorescence of 4-(dimethylamino)pyridine. Dalton Transactions, 2015, 44, 11029-11039.	1.6	11
53	Study of the Nature of Closed-Shell Hg^{II}Â·Â·Â·M^I (M = Cu, Ag, Au) Interactions. Organometallics, 2015, 34, 3029-3038.	1.1	27
54	1,4-Bis(2â€²-pyridylethynyl)benzene as a ligand in heteronuclear goldâ€“thallium complexes. Influence of the ancillary ligands on their optical properties. Dalton Transactions, 2015, 44, 6719-6730.	1.6	9

#	Article	IF	Citations
55	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.	0.5	5
56	A luminescent double helical gold(<scp>i</scp>)â€“thiophenolate coordination polymer obtained by hydrothermal synthesis or by thermal solid-state amorphous-to-crystalline isomerization. Journal of Materials Chemistry C, 2015, 3, 4115-4125.	2.7	44
57	The spontaneous formation and plasmonic properties of ultrathin goldâ€“silver nanorods and nanowires stabilized in oleic acid. Chemical Communications, 2015, 51, 16691-16694.	2.2	11
58	Synthesis, Photochemical, and Redox Properties of Gold(I) and Gold(III) Pincer Complexes Incorporating a 2,2â€²:6â€²,2â€³-Terpyridine Ligand Framework. Inorganic Chemistry, 2015, 54, 10667-10677.	1.9	29
59	The gold(<scp>i</scp>)â‹¯lead(<scp>ii</scp>) interaction: a relativistic connection. Chemical Science, 2015, 6, 2022-2026.	3.7	37
60	Novel biocompatible silver nanoparticles for controlling the growth of lactic acid bacteria and acetic acid bacteria in wines. Food Control, 2015, 50, 613-619.	2.8	40
61	Comparative study of (N, Fe) doped TiO2 photocatalysts. Applied Surface Science, 2015, 327, 490-497.	3.1	73
62	Magnetically Separable Photocatalyst Fe₃O₄/SiO₂/N-TiO₂ Hybrid Nanostructures. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	8
63	Double Photoinduced Jahnâ€“Teller Distortion of Tetrahedral Au^Iï£¿Sn^{II} Complexes. ChemPlusChem, 2014, 79, 67-76.	1.3	19
64	Synthesis and plasmonic properties of monodisperse Auâ€“Ag alloy nanoparticles of different compositions from a single-source organometallic precursor. Journal of Materials Chemistry C, 2014, 2, 2975.	2.7	28
65	Synthesis and Plasmonic Properties of Coreâ€“Shell Bimetallic Silverâ€“Gold Nanoprisms Obtained through an Organometallic Route. European Journal of Inorganic Chemistry, 2014, 2014, 2383-2388.	1.0	8
66	Theoretical studies on an unusual [Ag]+â‹¯[Au]âˆ’â‹¯[Au]âˆ’â‹¯[Ag]+ metallophilic pattern: Dispersive forces vs. classical coulomb forces. Computational and Theoretical Chemistry, 2014, 1030, 53-58.	1.1	8
67	Experimental and Theoretical Comparison of the Metallophilicity between d¹⁰â€“d¹⁰ Au^Iâ€“Hg^{II} and d⁸â€“d¹⁰ Au^{III}â€“Hg^{II} Interactions. Inorganic Chemistry, 2014, 53, 1275-1277.	1.9	30
68	Ultrasmall NHC-coated gold nanoparticles obtained through solvent free thermolysis of organometallic Au(i) complexes. Dalton Transactions, 2014, 43, 15713-15718.	1.6	59
69	Copper(<scp>i</scp>)-assisted red-shifted phosphorescence in Au(<scp>i</scp>)â‹¯Cu(<scp>i</scp>) heteropolynuclear complexes. Dalton Transactions, 2014, 43, 16486-16497.	1.6	31
70	Experimental and Theoretical Study of Gold(III)-Catalyzed Hydration of Alkynes. Organometallics, 2014, 33, 3823-3830.	1.1	27
71	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, 10471-10484.	1.9	16
72	Analysis of fluorescence quenching of naphthalene by two mercury containing organometallic complexes. Journal of Luminescence, 2014, 154, 322-327.	1.5	10

#	Article	IF	Citations
73	Room temperature ferromagnetism and absorption red-shift in nitrogen-doped TiO2 nanoparticles. Journal of Alloys and Compounds, 2014, 612, 450-455.	2.8	22
74	Experimental and Theoretical Evidence of the Existence of Gold(I)â‹…â‹…â‹…Mercury(II) Interactions in Solution through Fluorescenceâ€Quenching Measurements. Chemistry - A European Journal, 2013, 19, 4754-4766.	1.7	25
75	Luminescent goldâ€“silver complexes derived from neutral bis(perfluoroaryl)diphosphine gold(i) precursors. Dalton Transactions, 2013, 42, 4267.	1.6	17
76	Heterometallic gold(i)â€“thallium(i) compounds with crown thioethers. Dalton Transactions, 2013, 42, 11559.	1.6	20
77	A novel hexanuclear silver(i) cluster containing a regular Ag6 ring with short Agâ€“Ag distances and an argentophilic interaction. Dalton Transactions, 2013, 42, 5916.	1.6	38
78	Organometallic approach to polymer-protected antibacterial silver nanoparticles: optimal nanoparticle size-selection for bacteria interaction. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	16
79	Very Short Metallophilic Interactions Induced by Three-Centerâ€“Two-Electron Perhalophenyl Ligands in Phosphorescent Auâ€“Cu Complexes. Organometallics, 2012, 31, 3720-3729.	1.1	19
80	Fine-Tuning the Luminescence and HOMOâ€“LUMO Energy Levels in Tetranuclear Gold(I) Fluorinated Amidinate Complexes. Inorganic Chemistry, 2012, 51, 2010-2015.	1.9	17
81	Size and shape assessment of organometallic gold(I) metallodendrimers through PGSE-NMR and molecular dynamics simulations. Inorganica Chimica Acta, 2012, 380, 31-39.	1.2	4
82	Amalgamating at the molecular level. A study of the strong closed-shell Au(i)â‹¯Hg(ii) interaction. Chemical Communications, 2011, 47, 6795.	2.2	45
83	Different phosphorescent excited states of tetra- and octanuclear dendritic-like phosphine gold(i) thiolate complexes: photophysical and theoretical studies. Dalton Transactions, 2011, 40, 3287.	1.6	17
84	Highly emissive dinuclear complexes [Au2{Î¼-(PPh2)2C2B9H10}(C6F5)(PR3)] with different gold fragments coordinated to an anionic diphosphine. Dalton Transactions, 2011, 40, 10038.	1.6	16
85	Influence of the Electronic Characteristics of N-Donor Ligands in the Excited State of Heteronuclear Gold(I)â€“Copper(I) Systems. Inorganic Chemistry, 2011, 50, 6910-6921.	1.9	25
86	Metal-Induced Phosphorescence in (Pentafluorophenyl)gold(III) Complexes. Organometallics, 2011, 30, 4486-4489.	1.1	13
87	A Dinuclear Gold(I)â€“Silver(I) Derivative of 2â€Cyclopentylideneâ€2â€sulfanylacetic Acid and Related Complexes: Synthesis, Crystal Structures, Properties and Antitumor Activity. European Journal of Inorganic Chemistry, 2011, 2011, 1322-1332.	1.0	23
88	Silver nanoparticles: synthesis through chemical methods in solution and biomedical applications. Open Chemistry, 2011, 9, 7-19.	1.0	108
89	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.	0.8	20
90	Basicity of bisperhalophenyl aurates toward closed-shell metal ions: metallophilicity and additional interactions. Theoretical Chemistry Accounts, 2011, 129, 593-602.	0.5	9

#	Article	IF	Citations
91	Intermetallic coinage metal-catalyzed functionalization of alkanes with ethyl diazoacetate: Gold as a ligand. Inorganica Chimica Acta, 2011, 369, 146-149.	1.2	14
92	Homopolynuclear TlI and Heteropolynuclear AuI-TlI Complexes with Organodiselone Ligands: Activation of Luminescence by Intermetallic Interactions. European Journal of Inorganic Chemistry, 2011, 2011, 2288-2297.	1.0	20
93	Theoretical study of the closed-shell d10â€“d10 Au(I)â€“Cu(I) attraction in complexes in extended unsupported chains. Computational and Theoretical Chemistry, 2011, 965, 163-167.	1.1	15
94	Synthesis and characterization of perhalophenyltin derivatives. Study of their reactivity toward phosphine gold(I) chlorides. Journal of Organometallic Chemistry, 2010, 695, 2385-2393.	0.8	11
95	Combining Aurophilic Interactions and Halogen Bonding To Control the Luminescence from Bimetallic Goldâ˜Silver Clusters. Journal of the American Chemical Society, 2010, 132, 456-457.	6.6	188
96	Study of the Coordination Abilities of Stibine Ligands to Gold(I). Inorganic Chemistry, 2010, 49, 5530-5541.	1.9	24
97	Luminescence of five-coordinated nickel(ii) complexes with substituted-8-hydroxyquinolines and macrocyclic ligands. Dalton Transactions, 2010, 39, 1797-1806.	1.6	16
98	Gold- and silver-based ionic liquids: modulation of luminescence depending on the physical state. Dalton Transactions, 2010, 39, 10574.	1.6	20
99	Multiple Evidence for Gold(I)â‹…â‹…â‹…Silver(I) Interactions in Solution. Chemistry - A European Journal, 2009, 15, 6222-6233.	1.7	36
100	Golden Metallopolymers with an Active T₁ State via Coordination of Poly(4-vinyl)pyridine to Pentahalophenyl-Gold(I) Precursors. Journal of the American Chemical Society, 2009, 131, 3824-3825.	6.6	53
101	Organometallic chemistry: an alternative approach towards metal oxide nanoparticles. Journal of Materials Chemistry, 2009, 19, 4044.	6.7	84
102	Dendritic (phosphine)gold(i) thiolate complexes: assessment of the molecular size through PGSENMR studies. Dalton Transactions, 2009, , 474-480.	1.6	10
103	Unsupported Au(i)â‹¯Cu(i) interactions: influence of nitrile ligands and aurophilicity on the structure and luminescence. Dalton Transactions, 2009, , 7509.	1.6	51
104	Theoretical study of the aggregation of d10â€“s2 Au(I)â€“Tl(I) complexes in extended unsupported chains. Computational and Theoretical Chemistry, 2008, 851, 121-126.	1.5	13
105	New Palladium(II) and Platinum(II) Complexes with 9-Aminoacridine: Structures, Luminiscence, Theoretical Calculations, and Antitumor Activity. Inorganic Chemistry, 2008, 47, 6990-7001.	1.9	89
106	Vapochromic Behavior of {Ag₂(Et₂O)₂[Au(C₆F₅)₂]₂}_n with Volatile Organic Compounds. Inorganic Chemistry, 2008, 47, 8069-8076.	1.9	110
107	The preparation of highly active antimicrobial silver nanoparticles by an organometallic approach. Nanotechnology, 2008, 19, 185602.	1.3	56
108	Solvent Induced Luminescence in Supramolecular Heterobimetallic Gold(I)-Copper(I) Complexes with a Bidentate Nitrile Ligand. Open Inorganic Chemistry Journal, 2008, 2, 73-79.	0.3	5

#	Article	IF	Citations
109	Experimental and theoretical evidence of the first Au(i)â‹¯Bi(iii) interaction. Chemical Communications, 2007, , 571-573.	2.2	62
110	Perhalophenyl(tetrahydrothiophene)gold(I) Complexes as Lewis Bases in Acidâˆ’Base Reactions with Silver Trifluoroacetate. Organometallics, 2007, 26, 5931-5939.	1.1	32
111	Photophysical Studies and Excited-State Structure of a Blue Phosphorescent Goldâˆ’Thallium Complex. Inorganic Chemistry, 2007, 46, 2953-2955.	1.9	42
112	Tetranuclear (Phosphane)(thiolato)gold(I) Complexes: Synthesis, Characterization and Photoluminescent Properties. European Journal of Inorganic Chemistry, 2007, 2007, 4001-4005.	1.0	21
113	Pyridine gold complexes. an emerging class of luminescent materials. Gold Bulletin, 2007, 40, 172-183.	3.2	31
114	Photophysical and Theoretical Studies on Luminescent Tetranuclear Coinage Metal Building Blocks. Organometallics, 2006, 25, 3639-3646.	1.1	79
115	Synthesis, coordination to Au(i) and photophysical properties of a novel polyfluorinated benzothiazolephosphine ligand. Dalton Transactions, 2006, , 3672-3677.	1.6	9
116	Optical Properties of Zinc Oxide Nanoparticles and Nanorods Synthesized Using an Organometallic Method. ChemPhysChem, 2006, 7, 2392-2397.	1.0	146
117	Size- and Shape-Control of Crystalline Zinc Oxide Nanoparticles: A New Organometallic Synthetic Method. Advanced Functional Materials, 2005, 15, 458-468.	7.8	226
118	Spontaneous Formation of Ordered 2D and 3D Superlattices of ZnO Nanocrystals. Small, 2005, 1, 221-224.	5.2	71
119	A step forward in goldâ€“silver metallophilicity. An AuAg4moiety with a square pyramidal arrangement. Dalton Transactions, 2005, , 1162-1164.	1.6	28
120	Phosphorescent Excited State of [Au2{(Ph2Sb)2O}3]2+:Â Jahnâˆ’Teller Distortion at Only One Gold(I) Center. Journal of the American Chemical Society, 2005, 127, 11564-11565.	6.6	35
121	Au(I)Â·Â·Â·Ag(I) Metallophilic Interactions between Anionic Units:Â Theoretical Studies on a AuAg4Square Pyramidal Arrangement. Journal of Physical Chemistry B, 2005, 109, 20652-20656.	1.2	17
122	Unsupported Gold(I)âˆ’Copper(I) Interactions through Î·1Au-[Au(C6F5)2]-Coordination to Cu+Lewis Acid Sites. Inorganic Chemistry, 2005, 44, 1163-1165.	1.9	48
123	Tunable Photoluminescence of Closed-Shell Heterobimetallic Auâˆ’Ag Dicyanide Layered Systems. Journal of Physical Chemistry B, 2005, 109, 4317-4323.	1.2	38
124	A Detailed Study of the Vapochromic Behavior of {Tl[Au(C6Cl5)2]}n. Inorganic Chemistry, 2004, 43, 3573-3581.	1.9	104
125	Thallium(I) Acetylacetonate as Building Blocks of Luminescent Supramolecular Architectures. Organometallics, 2004, 23, 774-782.	1.1	47
126	Luminescent Gold(I)-Thallium(I) Arrays through N-Bidentate Building Blocks. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 1379-1386.	0.3	22

#	Article	IF	Citations
127	Theoretical and Photoluminescence Studies on the d10â€“s2 Aulâ€“Tll Interaction in Extended Unsupported Chains. Chemistry - A European Journal, 2003, 9, 456-465.	1.7	75
128	Room-Temperature Organometallic Synthesis of Soluble and Crystalline ZnO Nanoparticles of Controlled Size and Shape. Angewandte Chemie - International Edition, 2003, 42, 5321-5324.	7.2	215
129	Luminescentnido-Carboraneâˆ’Diphosphine Anions [(PR2)2C2B9H10]-(R = Ph,iPr). Modification of Their Luminescence Properties upon Formation of Three-Coordinate Gold(I) Complexes. Inorganic Chemistry, 2003, 42, 2061-2068.	1.9	63
130	{Tl[Au(C6Cl5)2]}n:Â A Vapochromic Complex. Journal of the American Chemical Society, 2003, 125, 2022-2023.	6.6	207
131	Coordination modes of diphenylphosphinothioformamide in its neutral and deprotonated forms at gold(i). Dalton Transactions, 2003, , 1076-1082.	1.6	14
132	Synthesis, Structure, and Photophysical Studies of Luminescent Two- and Three-Dimensional Goldâˆ’Thallium Supramolecular Arrays. Inorganic Chemistry, 2002, 41, 1056-1063.	1.9	79
133	Do Aurophilic Interactions Compete against Hydrogen Bonds? Experimental Evidence and Rationalization Based on ab Initio Calculations. Journal of the American Chemical Society, 2002, 124, 6781-6786.	6.6	83
134	[Au2Tl2(C6Cl5)4]Â·(CH3)2CO:Â A Luminescent Loosely Bound Butterfly Cluster with a Tl(I)âˆ’Tl(I) Interaction. Journal of the American Chemical Society, 2002, 124, 5942-5943.	6.6	66
135	A Study of the Interactions in an Extended Unsupported Gold-Silver Chain. European Journal of Inorganic Chemistry, 2002, 2002, 750-753.	1.0	45
136	Heteropolynuclear Complexes with the Ligand Ph2PCH2SPh: Theoretical Evidence for Metallophilic Auâˆ’M Attractions. Chemistry - A European Journal, 2000, 6, 636-644.	1.7	88
137	Trinuclear Gold(I) Complexes with Various Coordination Modes of N,N-dimethyldithiocarbamate. Journal of Cluster Science, 2000, 11, 153-167.	1.7	18
138	Luminescent Characterization of Solution Oligomerization Process Mediated Goldâˆ’Gold Interactions. DFT Calculations on [Au2Ag2R4L2]nMoieties. Journal of the American Chemical Society, 2000, 122, 7287-7293.	6.6	140
139	Experimental and Theoretical Studies of the d8âˆ’d10Interaction between Pd(II) and Au(I):Â Bis(chloro[(phenylthiomethyl)diphenylphosphine]gold(I))âˆ’dichloropalladium(II) and Related Systems. Inorganic Chemistry, 2000, 39, 4786-4792.	1.9	75
140	Heteropolynuclear Complexes with the Ligand Ph2PCH2SPh: Theoretical Evidence for Metallophilic Auâˆ’M Attractions. Chemistry - A European Journal, 2000, 6, 636-644.	1.7	2
141	Gold complexes of 3,4-bis(diphenylphosphinoamino)toluene and 1,2-bis(diphenylphosphinoamino)benzene. A comparative studyâ€Šâ€. Journal of the Chemical Society Dalton Transactions, 1999, , 4009-4017.	1.1	20
142	[Tl(OPPh3)2][Au(C6F5)2]: the first extended unsupported goldâ€“thallium linear chain. Chemical Communications, 1998, , 2223-2224.	2.2	2
143	Dithiocarbamate Ligands as Building-Blocks in the Coordination Chemistry of Gold. Inorganic Chemistry, 1998, 37, 5532-5536.	1.9	30
144	Theoretical Evidence for Transannular Metalâˆ’Metal Interactions in Dinuclear Coinage Metal Complexesâ€. Inorganic Chemistry, 1998, 37, 6002-6006.	1.9	86