Miguel Monge

List of Publications by Citations

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	Size- and Shape-Control of Crystalline Zinc Oxide Nanoparticles: A New Organometallic Synthetic Method. *Advanced Functional Materials*, **2005**, 15, 458-468	15.6	209
143	Room-temperature organometallic synthesis of soluble and crystalline ZnO nanoparticles of controlled size and shape. *Angewandte Chemie - International Edition*, **2003**, 42, 5321-4	16.4	198
142	(Tl[Au(C(6)Cl(5))(2)])(n): A vapochromic complex. *Journal of the American Chemical Society*, **2003**, 125, 2022-3	16.4	195
141	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
140	Optical properties of zinc oxide nanoparticles and nanorods synthesized using an organometallic method. *ChemPhysChem*, **2006**, 7, 2392-7	3.2	130
139	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
138	Vapochromic behavior of {Ag2(Et2O)2[Au(C6F5)2]2}n with volatile organic compounds. *Inorganic Chemistry*, **2008**, 47, 8069-76	5.1	101
137	A detailed study of the vapochromic Behavior of [Tl[Au(C6Cl5)2]]n. *Inorganic Chemistry*, **2004**, 43, 3573-81	5.1	97
136	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
135	Heteropolynuclear complexes with the ligand Ph2PCH2SPh: theoretical evidence for metallophilic Au-M attractions. *Chemistry - A European Journal*, **2000**, 6, 636-44	4.8	81
134	Silver nanoparticles: synthesis through chemical methods in solution and biomedical applications. *Open Chemistry*, **2011**, 9, 7-19	1.6	80
133	Photophysical and Theoretical Studies on Luminescent Tetranuclear Coinage Metal Building Blocks. *Organometallics*, **2006**, 25, 3639-3646	3.8	76
132	Theoretical Evidence for Transannular Metal-Metal Interactions in Dinuclear Coinage Metal Complexes. *Inorganic Chemistry*, **1998**, 37, 6002-6006	5.1	76
131	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
130	Organometallic chemistry: an alternative approach towards metal oxide nanoparticles. *Journal of Materials Chemistry*, **2009**, 19, 4044		74
129	Synthesis, structure, and photophysical studies of luminescent two- and three-dimensional gold-thallium supramolecular arrays. *Inorganic Chemistry*, **2002**, 41, 1056-63	5.1	74
128	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

127	Spontaneous formation of ordered 2D and 3D superlattices of ZnO nanocrystals. *Small*, **2005**, 1, 221-4	11	68
126	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
125	[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
124	Comparative study of (N, Fe) doped TiO2 photocatalysts. *Applied Surface Science*, **2015**, 327, 490-497	6.7	61
123	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
122	Experimental and theoretical evidence of the first Au(i)...Bi(iii) interaction. *Chemical Communications*, **2007**, 571-3	5.8	57
121	The preparation of highly active antimicrobial silver nanoparticles by an organometallic approach. *Nanotechnology*, **2008**, 19, 185602	3.4	51
120	Ultrasmall NHC-coated gold nanoparticles obtained through solvent free thermolysis of organometallic Au(i) complexes. *Dalton Transactions*, **2014**, 43, 15713-8	4.3	50
119	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
118	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
117	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
116	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
115	Room-Temperature Organometallic Synthesis of Soluble and Crystalline ZnO Nanoparticles of Controlled Size and Shape. *Angewandte Chemie*, **2003**, 115, 5479-5482	3.6	43
114	Luminescent aryl-group eleven metal complexes. *Dalton Transactions*, **2017**, 46, 2046-2067	4.3	42
113	Thallium(I) Acetylacetonate as Building Blocks of Luminescent Supramolecular Architectures?. *Organometallics*, **2004**, 23, 774-782	3.8	42
112	Photocatalytic degradation of ibuprofen in water using TiO/UV and g-CN/visible light: Study of intermediate degradation products by liquid chromatography coupled to high-resolution mass spectrometry. *Chemosphere*, **2019**, 215, 605-618	8.4	42
111	A Study of the Interactions in an Extended Unsupported Gold-Silver Chain. *European Journal of Inorganic Chemistry*, **2002**, 2002, 750-753	2.3	40
110	Photophysical studies and excited-state structure of a blue phosphorescent gold-thallium complex. *Inorganic Chemistry*, **2007**, 46, 2953-5	5.1	38

109	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
108	Multiple evidence for gold(I)...silver(I) interactions in solution. *Chemistry - A European Journal*, **2009**, 15, 6222-33	4.8	34
107	Shedding light on an ultra-bright photoluminescent lamellar gold thiolate coordination polymer [Au(p-SPhCO2Me)]n. *Chemical Communications*, **2016**, 52, 9063-6	5.8	33
106	Tunable photoluminescence of closed-shell heterobimetallic Au-Ag dicyanide layered systems. *Journal of Physical Chemistry B*, **2005**, 109, 4317-23	3.4	33
105	A luminescent double helical gold(I) 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	7.1	32
104	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
103	Novel biocompatible silver nanoparticles for controlling the growth of lactic acid bacteria and acetic acid bacteria in wines. *Food Control*, **2015**, 50, 613-619	6.2	30
102	Perhalophenyl(tetrahydrothiophene)gold(I) Complexes as Lewis Bases in Acid Base Reactions with Silver Trifluoroacetate *Organometallics*, **2007**, 26, 5931-5939	3.8	30
101	The key role of Au-substrate interactions in catalytic gold subnanoclusters. *Nature Communications*, **2017**, 8, 1657	17.4	29
100	Pyridine gold complexes. an emerging class of luminescent materials **2007**, 40, 172-183		29
99	The gold(i) lead(ii) interaction: a relativistic connection. *Chemical Science*, **2015**, 6, 2022-2026	9.4	28
98	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
97	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
96	Experimental and Theoretical Study of Gold(III)-Catalyzed Hydration of Alkynes. *Organometallics*, **2014**, 33, 3823-3830	3.8	25
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	A step forward in gold-silver metallophilicity. An AuAg4 moiety with a square pyramidal arrangement. *Dalton Transactions*, **2005**, 1162-4	4.3	25
93	Dithiocarbamate Ligands as Building-Blocks in the Coordination Chemistry of Gold. *Inorganic Chemistry*, **1998**, 37, 5532-5536	5.1	25
92	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

91	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
90	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
89	Study of intermediate by-products and mechanism of the photocatalytic degradation of ciprofloxacin in water using graphitized carbon nitride nanosheets. *Chemosphere*, **2020**, 247, 125910	8.4	22
88	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
87	Copper(I)-assisted red-shifted phosphorescence in Au(I)···Cu(I) heteropolynuclear complexes. *Dalton Transactions*, **2014**, 43, 16486-97	4.3	22
86	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
85	Study of the Nature of Closed-Shell Hg(II)···M(I) (M = Cu, Ag, Au) Interactions. *Organometallics*, **2015**, 34, 3029-3038	3.8	22
84	Study of the coordination abilities of stibine ligands to gold(I). *Inorganic Chemistry*, **2010**, 49, 5530-41	5.1	22
83	Unequivocal Experimental Evidence of the Relationship between Emission Energies and Aurophilic Interactions. *Inorganic Chemistry*, **2019**, 58, 4954-4961	5.1	21
82	Tetranuclear (Phosphane)(thiolato)gold(I) Complexes: Synthesis, Characterization and Photoluminescent Properties. *European Journal of Inorganic Chemistry*, **2007**, 2007, 4001-4005	2.3	21
81	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
80	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	7.1	20
79	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
78	Gold- and silver-based ionic liquids: modulation of luminescence depending on the physical state. *Dalton Transactions*, **2010**, 39, 10574-6	4.3	19
77	Synthesis of gold organometallics at the nanoscale. *Journal of Organometallic Chemistry*, **2018**, 877, 1-11	2.3	19
76	Room temperature ferromagnetism and absorption red-shift in nitrogen-doped TiO2 nanoparticles. *Journal of Alloys and Compounds*, **2014**, 612, 450-455	5.7	18
75	Heterometallic gold(I)-thallium(I) compounds with crown thioethers. *Dalton Transactions*, **2013**, 42, 11559-70	4.3	18
74	Tailor-Made Luminescent Polymers through Unusual Metallophilic Interaction Arrays Au···Au···Ag···Ag. *Inorganic Chemistry*, **2017**, 56, 9281-9290	5.1	18

73	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
72	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
71	Luminescent gold-silver complexes derived from neutral bis(perfluoroaryl)diphosphine gold(I) precursors. *Dalton Transactions*, **2013**, 42, 4267-77	4.3	17
70	Double Photoinduced Jahn-Teller Distortion of Tetrahedral Au ?Sn Complexes. *ChemPlusChem*, **2014**, 79, 67-76	2.8	17
69	Very Short Metallophilic Interactions Induced by Three-Center Two-Electron Perhalophenyl Ligands in Phosphorescent AuCu Complexes. *Organometallics*, **2012**, 31, 3720-3729	3.8	17
68	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
67	Homopolynuclear Tl and Heteropolynuclear AuTl Complexes with Organodiselone Ligands: Activation of Luminescence by Intermetallic Interactions. *European Journal of Inorganic Chemistry*, **2011**, 2011, 2288-2297	2.3	17
66	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
65	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
64	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
63	Luminescence of five-coordinated nickel(ii) complexes with substituted-8-hydroxyquinolines and macrocyclic ligands. *Dalton Transactions*, **2010**, 39, 1797-806	4.3	15
62	Some new findings on the potential use of biocompatible silver nanoparticles in winemaking. *Innovative Food Science and Emerging Technologies*, **2019**, 51, 64-72	6.8	15
61	Synthesis of the molecular amalgam [{AuHg(b-C)}{Hg(b-C)}]: a rare example of a heterometallic homoleptic metallacycle. *Dalton Transactions*, **2016**, 45, 6334-8	4.3	14
60	Highly emissive dinuclear complexes [Au2{(PPh2)2C2B9H10}(C6F5)(PR3)] with different gold fragments coordinated to an anionic diphosphine. *Dalton Transactions*, **2011**, 40, 10038-46	4.3	14
59	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
58	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
57	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
56	Intermetallic coinage metal-catalyzed functionalization of alkanes with ethyl diazoacetate: Gold as a ligand. *Inorganica Chimica Acta*, **2011**, 369, 146-149	2.7	13

55	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
54	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
53	Trinuclear Gold(I) Complexes with Various Coordination Modes of N,N-dimethyldithiocarbamate. *Journal of Cluster Science*, **2000**, 11, 153-167	3	13
52	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
51	Metal-Induced Phosphorescence in (Pentafluorophenyl)gold(III) Complexes. *Organometallics*, **2011**, 30, 4486-4489	3.8	12
50	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
49	The effect of gold(I) coordination on the dual fluorescence of 4-(dimethylamino)pyridine. *Dalton Transactions*, **2015**, 44, 11029-39	4.3	11
48	Coordination modes of diphenylphosphinothioformamide in its neutral and deprotonated forms at gold(I). *Dalton Transactions*, **2003**, 1076-1082	4.3	11
47	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
46	Dendritic (phosphine)gold(I) thiolate complexes: assessment of the molecular size through PGSE NMR studies. *Dalton Transactions*, **2009**, 474-80	4.3	10
45	Lead encapsulation by a golden clamp through multiple electrostatic, metallophilic, hydrogen bonding and weak interactions. *Chemical Communications*, **2018**, 54, 295-298	5.8	10
44	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
43	Analysis of fluorescence quenching of naphthalene by two mercury containing organometallic complexes. *Journal of Luminescence*, **2014**, 154, 322-327	3.8	9
42	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
41	Basicity of bisperhalophenyl aurates toward closed-shell metal ions: metallophilicity and additional interactions. *Theoretical Chemistry Accounts*, **2011**, 129, 593-602	1.9	8
40	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
39	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
38	Applications of Nanotechnology in Wine Production and Quality and Safety Control **2016**, 51-69		7

37	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
36	Magnetically Separable Photocatalyst Fe3O4/SiO2/N-TiO2 Hybrid Nanostructures. *IEEE Transactions on Magnetics*, **2014**, 50, 1-4	2	7
35	Synthesis, coordination to Au(I) and photophysical properties of a novel polyfluorinated benzothiazolephosphine ligand. *Dalton Transactions*, **2006**, 3672-7	4.3	7
34	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	6.8	7
33	Balancing ionic and H-bonding interactions for the formation of Au(i) hydrometallogels. *Dalton Transactions*, **2019**, 48, 7519-7526	4.3	6
32	1,4-Bis(2Ppyridylethynyl)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
31	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
30	Theoretical studies on an unusual [Ag]+?[Au]□[Au]□[Ag]+ metallophilic pattern: Dispersive forces vs. classical coulomb forces. *Computational and Theoretical Chemistry*, **2014**, 1030, 53-58	2	6
29	[AuHg(o-C6H4PPh2)2I]: A Dinuclear Heterometallic Blue Emitter. *Inorganics*, **2015**, 3, 27-39	2.9	6
28	Gold Nanomaterials131-179		6
27	Double Jahn-Teller Distortion in AuGe Complexes Leading to a Dual Blue-Orange Emission. *ChemPlusChem*, **2016**, 81, 176-186	2.8	6
26	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
25	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
24	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
23	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
22	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
21	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
20	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

19	Temperature-assisted formation of reversible metallophilic Au-Ag interaction arrays. *Dalton Transactions*, **2019**, 48, 5149-5155	4.3	4
18	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
17	Size and shape assessment of organometallic gold(I) metallodendrimers through PGSE-NMR and molecular dynamics simulations. *Inorganica Chimica Acta*, **2012**, 380, 31-39	2.7	4
16	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
15	Combination of Au-Ag Plasmonic Nanoparticles of Varied Compositions with Carbon Nitride for Enhanced Photocatalytic Degradation of Ibuprofen under Visible Light. *Materials*, **2021**, 14,	3.5	3
14	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
13	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
12	[Tl(OPPh3)2][Au(C6F5)2]: the first extended unsupported gold□hallium linear chain. *Chemical Communications*, **1998**, 2223-2224	5.8	2
11	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	6.8	2
10	Multidisciplinary study on the hydrogelation of the digold(I) complex [{Au(9N-adeninate)}2(□dmpe)]: optical, rheological, and quasi-elastic neutron scattering perspectives. *Inorganic Chemistry Frontiers*, **2021**, 8, 3707-3715	6.8	2
9	Designing heterostructured core@satellite Prussian Blue Analogue@Au□Ag nanoparticles: Effect on the magnetic properties and catalytic activity. *Inorganic Chemistry Frontiers*, **2021**, 8, 2248-2260	6.8	2
8	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
7	Heteropolynuclear Complexes with the Ligand Ph2PCH2SPh: Theoretical Evidence for Metallophilic Au□M Attractions **2000**, 6, 636		2
6	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
5	An organometallic approach for the preparation of Au-TiO and Au-g-CN nanohybrids: improving the depletion of paracetamol under visible light.. *Photochemical and Photobiological Sciences*, **2022**, 1	4.2	1
4	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
3	Rational Assembly of Metallophilic Gold(I)□ead(II) and Gold(I)□Gold(I) Puzzle Pieces. *Angewandte Chemie*, **2021**, 133, 650-654	3.6	1
2	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

1	Spontaneous generation of photoemissive aurophilic oligomers in water solution based on the 2-thiocytosine ligand.. *RSC Advances*, **2022**, 12, 8466-8473	3.7