

# Babil MenjÃ³n

## List of Publications by Year in descending order

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1330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability of Ag <sup>III</sup> towards Halides in Organosilver(III) Complexes. Chemistry - A European Journal, 2021, 27, 12796-12806.	3.3	10
2	A Five-Coordinate Compound with Inverted Ligand Field: An Unprecedented Geometry for Silver(III). Angewandte Chemie - International Edition, 2021, 60, 26545-26549.	13.8	10
3	A Five-Coordinate Compound with Inverted Ligand Field: An Unprecedented Geometry for Silver(III). Angewandte Chemie, 2021, 133, 26749-26753.	2.0	2
4	Hydrogen bonding to metals as a probe for an inverted ligand field. Dalton Transactions, 2021, 50, 5465-5472.	3.3	5
5	The First Organosilver(III) Fluoride, [PPh <sub>4</sub> ][(CF <sub>3</sub> ) <sub>3</sub> AgF]. Chemistry - A European Journal, 2020, 26, 4471-4475.	3.3	13
6	Increasing Lewis acidity in perchlorophenyl derivatives of antimony. Journal of Organometallic Chemistry, 2019, 897, 185-191.	1.8	3
7	M-C Bond Homolysis in Coinage-Metal [M(CF <sub>3</sub> ) <sub>4</sub> ] <sup>+</sup> Derivatives. Angewandte Chemie - International Edition, 2019, 58, 9954-9958.	13.8	33
8	M-C Bond Homolysis in Coinage-Metal [M(CF <sub>3</sub> ) <sub>4</sub> ] <sup>+</sup> Derivatives. Angewandte Chemie, 2019, 131, 10059-10063.	2.0	16
9	An Organogold(III) Difluoride with a <i>trans</i> Arrangement. Angewandte Chemie - International Edition, 2018, 57, 6517-6521.	13.8	20
10	Gold(II) Trihalide Complexes from Organogold(III) Precursors. Chemistry - A European Journal, 2018, 24, 1514-1517.	3.3	15
11	An Organogold(III) Difluoride with a <i>trans</i> Arrangement. Angewandte Chemie, 2018, 130, 6627-6631.	2.0	9
12	Homoleptic Trifluoromethyl Derivatives of Ag <sup>I</sup> and Ag <sup>III</sup> . Chemistry - A European Journal, 2018, 24, 13098-13101.	3.3	23
13	Anionic Derivatives of Perfluorinated Trimethylgold. Chemistry - A European Journal, 2017, 23, 6919-6929.	3.3	24
14	Gold(I) Fluorohalides: Theory and Experiment. Chemistry - A European Journal, 2017, 23, 1512-1515.	3.3	17
15	(CF <sub>3</sub> ) <sub>3</sub> Au as a Highly Acidic Organogold(III) Fragment. Chemistry - A European Journal, 2017, 23, 14918-14930.	3.3	24
16	A hexanuclear gold carbonyl cluster. Chemical Science, 2015, 6, 5506-5510.	7.4	7
17	Homoleptic Organocobalt(III) Compounds with Intermediate Spin. Inorganic Chemistry, 2014, 53, 12384-12395.	4.0	19
18	Stereochemistry of Complexes with Double and Triple Metal-Ligand Bonds: A Continuous Shape Measures Analysis. Inorganic Chemistry, 2014, 53, 12151-12163.	4.0	17

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19	Fluorocarbons Modulate the Coordination Sphere of fâ€Element Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2810-2811.	13.8	7
20	Mononuclear anionic AO <sub>2</sub> X <sub>3</sub> compounds with non-VSEPR structure. <i>Dalton Transactions</i> , 2014, 43, 7615-7621.	3.3	3
21	Gold(I) and Gold(III) Trifluoromethyl Derivatives. <i>Chemistry - A European Journal</i> , 2013, 19, 14540-14552.	3.3	36
22	Stepwise Degradation of Trifluoromethyl Platinum(II) Compounds. <i>Chemistry - A European Journal</i> , 2013, 19, 324-337.	3.3	14
23	A square-pyramidal organochromium( $\nu$ ) compound. <i>Dalton Transactions</i> , 2012, 41, 1297-1303.	3.3	4
24	The Trifluoromethyl Group in Transition Metal Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4945-4966.	2.0	63
25	Solidâ€State and Solution Structure of a Hypervalent AX <sub>5</sub> Compound: Sb(C <sub>6</sub> F <sub>5</sub> ) <sub>5</sub> . <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2754-2757.	13.8	11
26	An Organotransitionâ€Metal Complex with Pentagonalâ€Pyramidal Structure. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8046-8049.	13.8	6
27	Synthesis, characterisation and magnetic properties of octahedral chromium( $\text{iii}$ ) compounds with six C-donor ligands. <i>Dalton Transactions</i> , 2011, 40, 853-861.	3.3	8
28	Efficient and stereoselective syntheses of isomeric trifluoromethyl-platinum(iv) chlorides. <i>Dalton Transactions</i> , 2011, 40, 10440.	3.3	5
29	[Au(CF <sub>3</sub> )(CO)]: A Gold Carbonyl Compound Stabilized by a Trifluoromethyl Group. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6571-6574.	13.8	44
30	Highly Trifluoromethylated Platinum Compounds. <i>Chemistry - A European Journal</i> , 2011, 17, 8085-8097.	3.3	16
31	Trapping a Difluorocarbeneâ€Platinum Fragment by Base Coordination. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4286-4289.	13.8	22
32	fâ€Organoniobium Compounds with [NbR <sub>4</sub> ] <sup>+</sup> and NbR <sub>4</sub> Stoichiometries. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6143-6146.	13.8	8
33	Synthesis and characterization of neutral and anionic carbonyl derivatives of palladium(ii). <i>Dalton Transactions</i> , 2010, 39, 7301.	3.3	10
34	Oxidative Addition of Halogens to Homoleptic Perfluoromethyl or Perfluorophenyl Derivatives of Platinum(II): A Comparative Study. <i>Chemistry - A European Journal</i> , 2009, 15, 6371-6382.	3.3	28
35	Homoleptic Organoderivatives of Highâ€Valent Nickel(III). <i>Chemistry - A European Journal</i> , 2009, 15, 11020-11030.	3.3	22
36	Unusual luminescent octanuclear stellate platinacycle self-assembled by Ptâ€Ag bonds. <i>Chemical Communications</i> , 2007, , 3838.	4.1	32

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37	New advances in homoleptic organotransition-metal compounds: The case of perhalophenyl ligands. Dalton Transactions, 2007, , 3347.	3.3	36
38	Synthesis and characterization of new paramagnetic tetraaryl derivatives of chromium and molybdenum. Journal of Organometallic Chemistry, 2007, 692, 3236-3247.	1.8	18
39	A Square-Planar Organoiron(III) Compound with a Spin-Admixed State. Angewandte Chemie - International Edition, 2006, 45, 6707-6711.	13.8	49
40	New Homoleptic Organometallic Derivatives of Vanadium(III) and Vanadium(IV): Synthesis, Characterization, and Study of Their Electrochemical Behaviour. Chemistry - A European Journal, 2005, 11, 4713-4724.	3.3	43
41	Unassisted $\sigma$ -Coordination of Polycyclic Aromatic Hydrocarbons to Platinum(II). Inorganic Chemistry, 2005, 44, 7265-7267.	4.0	10
42	A New Geometry for Homoleptic Organochromium Compounds. Organometallics, 2005, 24, 1269-1274.	2.3	17
43	The First Structurally Characterized Homoleptic Aryl-Manganese(III) Compound and the Corresponding Isoleptic and Isoelectronic Chromium(II) Derivative. Organometallics, 2005, 24, 3266-3271.	2.3	23
44	All-Organometallic Analogues of Zeise's Salt for the Three Group 10 Metals. Organometallics, 2005, 24, 3539-3546.	2.3	24
45	A Five-Coordinate Homoleptic Organotitanium(III) Compound. Angewandte Chemie - International Edition, 2004, 43, 5225-5228.	13.8	15
46	Synthesis and Characterization of Pentachlorophenyl $\sigma$ -Metal Derivatives with $d_0$ and $d_{10}$ Electron Configurations. Chemistry - A European Journal, 2004, 10, 4186-4197.	3.3	23
47	Synthesis and Characterization of New Five-Coordinate Platinum Nitrosyl Derivatives: Density Functional Theory Study of Their Electronic Structure. Chemistry - A European Journal, 2003, 9, 4094-4105.	3.3	12
48	The first structurally characterised homoleptic $\sigma$ -organotitanium(iii) compound. Chemical Communications, 2002, , 728-729.	4.1	17
49	A New Series of Homoleptic, Paramagnetic Organochromium Derivatives: Synthesis, Characterization, and Study of Their Magnetic Properties. Chemistry - A European Journal, 2002, 8, 4056-4065.	3.3	45
50	Synthesis and Characterization of a New Family of Square-Planar Nickel(II) Carbonyl Derivatives. Chemistry - A European Journal, 2002, 8, 4925-4934.	3.3	33
51	The first structurally characterised homoleptic organovanadium(iii) compound. Chemical Communications, 2001, , 2138.	4.1	29
52	Synthesis and structural characterisation of the first homoleptic organometallic nickel(iii) compound. Chemical Communications, 1997, , 503-504.	4.1	25
53	Synthesis and Structural Characterization of an Authentic Platinum(IV) Carbonyl Compound. Organometallics, 1997, 16, 6024-6027.	2.3	20
54	Rational synthesis of di-, tri- and tetranuclear compounds by using the $[\text{Pt}(\text{C}_6\text{F}_5)_2(\text{C}_5\text{H}_4\text{NS})]^-$ anion as a metalloligand. Inorganica Chimica Acta, 1997, 264, 219-230.	2.4	11

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55	Synthesis and x-ray structure of [NBu][Pt(CF)( <sup>1</sup> / <sub>4</sub> -C F) <sup>1</sup> / <sub>4</sub> -Ag(SC H)] (SC H = tetrahydrothiophene). evidence of the existence of intramolecular AgF interactions in solution and in the solid state. <i>Polyhedron</i> , 1996, 15, 3599-3604.	2.2	15
56	Synthesis and Structural Characterization of the First Isolated Homoleptic Organoplatinum(IV) Compound: [Pt(C6Cl5)4]. <i>Journal of the American Chemical Society</i> , 1995, 117, 4295-4304.	13.7	46
57	Pentafluorophenylplatinum complexes containing <sup>1</sup> - or <sup>2</sup> -aryl <sup>+</sup> Pt interactions. Crystal structure of cis-[Pt(C6F5)2-(NC5H4[CH( <sup>1</sup> -Ph)Ph]-2)- <sup>1</sup> N)] <sup>+</sup> 0.5C6H5Me. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 2949-2954.	1.1	12
58	Synthesis and Structural Characterization of the Bent Nitrosyl Organometallic Complex [NBu<sub>4</sub>][Pt(C<sub>6</sub>Cl<sub>5</sub>)<sub>2</sub>Cl<sub>2</sub>(NO)]. <i>Chemische Berichte</i> , 1994, 127, 651-652.	0.2	7
59	Acetylenes attached to poly(pentafluorophenyl)platinum(II) moieties. Syntheses and molecular structures of cis-[Pt(C6F5)2(PhC≡CPh)2] and [NBu4][Pt(C6F5)3(PhC≡CPh)]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 275-280.	1.1	22
60	Synthesis and characterization of and stereoselective oxidative addition of chlorine or bromine to platinum complex, [NBu4][Pt(C6F5)2(C5H4NS)]. <i>Organometallics</i> , 1993, 12, 4368-4375.	2.3	34
61	Synthesis, solid-state and solution structure, and reactivity of cis-[Pt(C6F5)2(NC5H4-2-CH2C6H5)]: a compound displaying an arene-platinum interaction. <i>Organometallics</i> , 1993, 12, 4376-4380.	2.3	25
62	Reactivity of cis-Pt(C6F5)2(OC4H8)2 toward (C6H5)2CN2. Synthesis and molecular structure of [cyclic Pt(C6F5)[(2-C6H4)C(C6H5):N-N:( <sup>eta</sup> -2-C6H5)C(C6H5)], an ortho-metalated compound containing an unusual intramolecular <sup>eta</sup> -2-arene-platinum interaction. <i>Organometallics</i> , 1992, 11, 1187-1193.	2.3	33
63	Metallacyclic zirconoxycarbene complexes from metal carbonyls and ( <sup>eta</sup> -2-formaldehyde)zirconocene dimer. <i>Organometallics</i> , 1991, 10, 291-298.	2.3	33
64	Chemistry of oxophilic transition metals. 4. Reactivity of the organozirconium(III) complex ( <sup>mu</sup> - <sup>eta</sup> -5: <sup>eta</sup> -5-C10H8)[( <sup>mu</sup> -Cl)Zr( <sup>eta</sup> -5-C5H5)]2 with diphenyldiazomethane, tert-butyl isocyanide, and trimethylsilyl azide: diazo, cyano, and imido complexes. <i>Organometallics</i> , 1991, 10, 2134-2141.	2.3	43
65	Transformation of a Platinum Carbonyl into a Platinum Carbene Moiety by Reaction with ( <sup>1</sup> - <sup>sup</sup> >4/ <sup>sup</sup> > <sup>+</sup> Butadiene)zirconocene. <i>Chemische Berichte</i> , 1990, 123, 1327-1329.	0.2	20
66	Tri- and tetra-nuclear homo- or hetero-metallic palladium(II) and platinum(II) complexes with double halide bridges. Molecular structure of [NBu4]2[(C6F5)2Pt( <sup>μ</sup> -Cl)2Pt( <sup>μ</sup> -Cl)2Pt(C6F5)2]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 151-154.	1.1	15
67	Synthesis of mononuclear cis-M(C6X5)2L2 or binuclear [M( <sup>1</sup> / <sub>4</sub> -L)(C6X5)2]2 complexes (M = Pd, Pt; X = F, Cl) containing neutral O- or S-donor ligands L. <i>Inorganica Chimica Acta</i> , 1989, 162, 33-37.	2.4	15
68	Dinuclear Fulvalene Complexes of Tri- and Tetravalent Zirconium. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 697-699.	4.4	23
69	Action of HCl upon the Pt-C bonds in [NBu4]2[Pt(C6Cl5)4] and [NBu4]2[trans-PtCl2(C6Cl5)2]: synthesis of tris(pentachlorophenyl), [NBu4][Pt(C6Cl5)3L] and dichloro-monopentachlorophenyl-platinate(II), [NBu4][PtCl2(C6Cl5)L], complexes. <i>Journal of Organometallic Chemistry</i> , 1987, 336, 129-135.	1.8	17
70	Synthesis and reactivity of [NBu4]+[Pt(III)(C6Cl5)4]-: molecular structures of [NBu4]2+[Pt(C6Cl5)4]2 <sup>-</sup> .cntdot.2CH2Cl2, [NBu4]+[Pt(III)(C6Cl5)4]- and [NBu4]+[Pt(C6Cl5)4(NO)]-. <i>Organometallics</i> , 1986, 5, 1576-1581.	2.3	66
71	Synthesis and reactivity of cis and trans dicarbonyl derivatives of platinum(II). <i>Organometallics</i> , 1986, 5, 1581-1584.	2.3	49
72	Preparation of cis-bis-acetylene-bis(pentafluorophenyl)-palladium(II) and -platinum(II) complexes, crystal structure of cis-[Pt(C6F5)2(PhC≡ <sup>1</sup> / <sub>4</sub> CPh)2]. <i>Journal of Organometallic Chemistry</i> , 1986, 304, C24-C26.	1.8	28

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73	Neutral bis(perhalophenyl)dicarbonylpalladium(II) and platinum(II) complexes. <i>Organometallics</i> , 1985, 4, 1912-1914.	2.3	95
74	The first mononuclear PtIII complex. Molecular structures of (NBu <sub>4</sub> )[PtIII(C <sub>6</sub> Cl <sub>5</sub> ) <sub>4</sub> ] and of its parent compound {NBu <sub>4</sub> } <sub>2</sub> [PtII(C <sub>6</sub> Cl <sub>5</sub> ) <sub>4</sub> ]·2CH <sub>2</sub> Cl <sub>2</sub> . <i>Journal of the Chemical Society Chemical Communications</i> , 1984, .	2.0	48
75	Synthesis of neutral and cationic pentafluorophenylpalladium(I) derivatives. Insertion versus coordination of isocyanides in binuclear palladium(I) complexes. <i>Journal of Organometallic Chemistry</i> , 1983, 256, 365-373.	1.8	15