

Adelino M Galvao

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81
papers

1,012
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h-index

24
g-index

83
ext. papers

1,102
ext. citations

3.4
avg, IF

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L-index

#	Paper	IF	Citations
81	Synthesis, bonding and dynamic behavior of fac-[Mo(II)(CO) ₂ (B-allyl)] derivatives. <i>Journal of Organometallic Chemistry</i> , 2001 , 632, 197-208	2.3	48
80	Excited-State Proton Transfer in Indigo. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 2308-2318	3.4	44
79	Organometallic complexes for second-order non-linear optics: synthesis and molecular quadratic hyperpolarizabilities of η^5 -monocyclopentadienyliron(II) nitrile derivatives with different phosphines. X-ray crystal structure of [FeCp(DPPE)(p-NCC ₆ H ₄ NO ₂)] [PF ₆][CH ₂ Cl ₂ . <i>Journal of Organometallic Chemistry</i> , 2001 , 619, 252-261	2.3	39
78	Rhodoxetane: synthesis, structure, and theoretical evaluation. <i>Organometallics</i> , 1993 , 12, 3316-3325	3.8	39
77	Photochemistry of the hemiketal form of anthocyanins and its potential role in plant protection from UV-B radiation. <i>Tetrahedron</i> , 2015 , 71, 3157-3162	2.4	31
76	Antibacterial activity of silver camphorimine coordination polymers. <i>Dalton Transactions</i> , 2016 , 45, 7114-7123	2.3	31
75	Nucleophilic and electrophilic reactions of C ₅ cyclo-polyenes coordinated to the [CpMoL ₂] ⁿ⁺ fragment (n = 1,2; L = 1/2dppe, PMe ₃ , P(OMe) ₃ , CO). <i>Journal of Organometallic Chemistry</i> , 1997 , 544, 257-276	2.3	27
74	Structural and electronic comparison of 15- to 17-electron dichloro-complexes of molybdenum and rhenium: electrochemical behaviour and crystal structures of trans-[ReCl ₂ (dppe) ₂]A (A = Cl or BF ₄ ; dppe = Ph ₂ PCH ₂ CH ₂ PPh ₂), trans-[ReCl ₂ (dppe) ₂] and [NBu ₄] ₂ [trans-MoCl ₂ (dppe) ₂][BF ₄] ₃ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 3015-3023		27
73	Cyanide and methylisocyanide complexes of rhenium(I) [NBu ₄][ReX(CN)(dppe) ₂] (X = Cl or CN; dppe = Ph ₂ PCH ₂ CH ₂ PPh ₂) and trans-[ReX(CNMe)(dppe) ₂] (X = H, F, Cl or CN): crystal structures of trans-[ReX(CNMe)(dppe) ₂] (X = H or Cl). <i>Journal of Organometallic Chemistry</i> , 1994 , 469, 79-87	2.3	24
72	Synthesis, characterisation, crystal structure, reactivity and bonding in titanium complexes containing 2,3,4,5-tetramethylpyrrolyl. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997 , 1055-1062		23
71	Benzene ring assembly promoted by a camphor derived palladium complex. <i>Journal of Organometallic Chemistry</i> , 2003 , 679, 143-147	2.3	22
70	Synthesis of Ag(I) camphor sulphonylimine complexes and assessment of their cytotoxic properties against cisplatin-resistant A2780cisR and A2780 cell lines. <i>Journal of Inorganic Biochemistry</i> , 2017 , 166, 55-63	4.2	21
69	The role of neutral coligands on the stabilization of mono-Tp(i)Pr ₂ U(III) complexes. <i>Inorganic Chemistry</i> , 2004 , 43, 6426-34	5.1	20
68	Solid-state structure and solution behavior of eight-coordinate Sm(III) poly(pyrazolyl)borate compounds. <i>Inorganic Chemistry</i> , 2001 , 40, 1116-25	5.1	20
67	Synthesis, characterization and reactivity of lanthanide(II) poly(pyrazol-1-yl)borates (Ln = Sm, Eu and Yb); fluorescence studies of [EuL ₂ (THF) ₂] [L = B(pz) ₄ , HB(pz) ₃]; X-ray crystal structures of [Eu{B(pz) ₄ } ₂ (THF) ₂] and [Yb{B(pz) ₄ } ₃][2H ₅ OH]. <i>Polyhedron</i> , 1995 , 14, 3067-3076	2.7	20
66	Formation of vinyl and dithioformate metallacycles by insertion of an ester-functionalized alkyne or carbon disulfide into an Fe-H bond: crystal structure of cis-[Fe(CHCHCOOMe)(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][BF ₄]. <i>Journal of Organometallic Chemistry</i> , 1996 , 524, 63-66	2.3	19
65	Rhenium-(III) and -(V) hydride complexes with modified poly(pyrazolyl)borates. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 1293-1300		18

64	Uranium-ligand bond dissociation enthalpies in uranium(IV) polypyrazolylborate complexes. <i>Organometallics</i> , 1992 , 11, 1632-1637	3.8	18
63	Hydrocarbyl derivatives of [UCl ₂ HB(pz) ₃] ₂ : Synthesis, characterization and reactivity studies towards protic substrates and ketones. <i>Journal of Organometallic Chemistry</i> , 1997 , 538, 223-239	2.3	17
62	Proton addition and hydrogen-bond formation in reactions of the dicyano-complex [NBu ₄][trans-Re(CN) ₂ (dppe) ₂] with protic reagents. <i>Dalton Transactions RSC</i> , 2000 , 3393-3400		17
61	Syntheses, electrochemistry, and bonding of bis(cyclopentadienyl)molybdenum alkyl complexes. Molecular structure of Mo(.eta. ⁵ -C ₅ H ₅) ₂ (C ₄ H ₉) ₂ . Thermochemistry of Mo(.eta. ⁵ -C ₅ H ₅) ₂ R ₂ and Mo(.eta. ⁵ -C ₅ H ₅) ₂ L (R = CH ₃ , C ₂ H ₅ , C ₄ H ₉ ; L = ethylene, diphenylacetylene). <i>Organometallics</i> , 1991 , 10, 483-494	3.8	17
60	Pathway from chain to dimer in Cu(I) camphor hydrazone complexes. <i>Inorganic Chemistry</i> , 2010 , 49, 10330-7	3.7	16
59	Syntheses, properties and Mössbauer studies of mono- and di-nitrile phosphine complexes of iron(II). Crystal structures of trans-[Fe(NCR) ₂ (Et ₂ PCH ₂ CH ₂ PEt ₂) ₂][BF ₄] ₂ (R = Me or CH ₂ C ₆ H ₄ OMe-4). <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 3311-3318		16
58	Enantioselectivity in Ni(II) Schiff-base complexes derived from amino-acids and (S)-o-N-(N-benzylpropyl)aminobenzophenone: molecular structure of several chiral Ni(II) Schiff-base complexes, circular dichroism and molecular mechanics studies. <i>Dalton Transactions</i> , 2005 , 2312-21	4.3	16
57	Syntheses and characterization of phenyldiazenido and mixed phenyldiazenido-isocyanide complexes of rhenium. Crystal structure of [ReBr ₂ (NNPh) ₂ (PPh ₃) ₂]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 2405-2410		15
56	Kinetic study of the alkylation of cyanide at [NBu ₄][trans-Re(CN) ₂ (dppe) ₂]. Crystal structures of [NBu ₄][trans-Re(CN) ₂ (dppe) ₂] and trans-[Re(CN) ₂ (dppe) ₂]. <i>Journal of Organometallic Chemistry</i> , 1999 , 583, 56-62	2.3	15
55	Pentynol to furan conversion [Search for the best trans-[MX ₂ (YNC ₁₀ H ₁₄ O) ₂] catalyst. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 2061-2068	2.3	14
54	Synthesis and characterisation of [M(η ⁵ -NC ₄ Me ₄)(CH ₂ Ph) ₃] (M=Ti, Zr, Hf) and [Ti(η ⁵ -NC ₄ Me ₄)(Me)Cl ₂]. Structural determination and bonding of [Ti(η ⁵ -NC ₄ Me ₄)(Me)Cl ₂] depicting an agostic interaction. <i>Journal of Organometallic Chemistry</i> , 2001 , 632, 157-163	2.3	14
53	Energetics of molybdenum-azobenzene, titanium-azobenzene, titanium-iodide, and titanium-carbonyl bonds in bis(cyclopentadienyl) complexes. <i>Organometallics</i> , 1987 , 6, 1427-1432	3.8	14
52	Alkylation of cyanide at [NBu ₄][trans-[Re(CN) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂]. Syntheses and properties of derived isocyanide complexes and X-ray structure of trans-[Re(CNEt) ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂][PF ₆]. <i>Journal of Organometallic Chemistry</i> , 1996 , 511, 163-169	2.3	13
51	Electrostatic potentials from charge-density studies of benzamide at 123 K. <i>Acta Crystallographica Section B: Structural Science</i> , 1995 , 51 (Pt 5), 835-8		12
50	Thioindigo, and sulfonated thioindigo derivatives as solvent polarity dependent fluorescent on-off systems. <i>Dyes and Pigments</i> , 2018 , 158, 259-266	4.6	12
49	Search for cytotoxic compounds against ovarian cancer cells: Synthesis, characterization and assessment of the activity of new camphor carboxylate and camphor carboxamide silver complexes. <i>Journal of Inorganic Biochemistry</i> , 2018 , 188, 88-95	4.2	11
48	Cooperative effect of the camphor imine ligand in alkynols activation by trans-[MCl ₂ (YNC ₁₀ H ₁₄ O) ₂] (M=Pd or Pt). <i>Inorganica Chimica Acta</i> , 2010 , 363, 1767-1772	2.7	11
47	Biscyclopentadienyl Group 6 metal complexes as metalloligands in the synthesis of heterobimetallic species. Crystal structures of new thiolato-bridged molybdenum(IV)-copper(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2001 , 632, 75-84	2.3	11

46	Derivative chemistry of [UCl ₂ {B(pz) ₄ } ₂]: stability of complexes containing the fragments [U{B(pz) ₄ } ₂] and [U{HB(pz) ₃ } ₂]. <i>Journal of Organometallic Chemistry</i> , 1999 , 579, 5-17	2.3	11
45	Synthesis, characterization and bonding of fulvalene dimolybdenum(III) and ditungsten(III) cations with one thiolate bridging ligand. Crystal structure of [Mo ₂ (η^5 -C ₁₀ H ₈)(η^5 -C ₆ H ₅)(η^5 -C ₅ H ₅) ₂][Re ₂ (η^5 -C ₆ H ₅) ₃ (CO) ₆]. <i>Journal of Organometallic Chemistry</i> , 1993 , 453, 231-240	2.3	11
44	Quantitative Assessment of Methods Used To Obtain Rate Constants from Molecular Dynamics Simulations-Translocation of Cholesterol across Lipid Bilayers. <i>Journal of Chemical Theory and Computation</i> , 2018 , 14, 3840-3848	6.4	10
43	Activation of a coordinated alkyne by electron transfer: crystal structures of [Pd{PPh ₂ CH ₂ C(But)NN ₂ C(But)CH ₂ PPh ₂ }{C(CO ₂ Me) ₂ CH(CO ₂ Me)}] and [Pd{(Z,Z)PPh ₂ CH ₂ C(But) ₂ NN ₂ C(But)CH ₂ PPh ₂ }{C(CO ₂ Me) ₂ C(CO ₂ Me)}]. <i>Journal of Organometallic Chemistry</i> , 2000 , 598, 318-328	2.3	10
42	Ag(I) camphor complexes: antimicrobial activity by design. <i>Journal of Inorganic Biochemistry</i> , 2019 , 199, 110791	4.2	9
41	Synthesis, characterization and study of the catalytic properties of Zn(II) camphor derived complexes. <i>Journal of Organometallic Chemistry</i> , 2014 , 760, 186-196	2.3	9
40	Electronic structure and properties of camphorimine Cu(I) coordination polymers. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 1102-1110	2.5	9
39	Effect of ancillary ligands in the hapticity of the pyrrolyl ligand in [Ti(pyrrolyl)(NMe ₂) _x Cl _{3-x}] (x = 0, 1, 2, 3) complexes. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 1533-1540	2.3	9
38	Reactivity Trends in the Reaction of Alkynes with 3-Oxo-camphorsulfonylimine. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002 , 57, 691-698	1	9
37	Uracil and thiouracil complexes of dicyclopentadienyl molybdenum and tungsten: Preparation and electrochemistry. The structures of [M(η^5 -C ₅ H ₅) ₂ (2-SN ₂ OC ₄ H ₃)] [PF ₆], [M(η^5 -C ₅ H ₅) ₂ {2-S(CH ₃)N ₂ OC ₄ H ₂ }] [PF ₆], [Mo(η^5 -C ₅ H ₅) ₂ (4-SN ₂ OC ₄ H ₃)] [PF ₆] and [Mo(η^5 -C ₅ H ₅) ₂ {4-S(CH ₃)N ₂ OC ₄ H ₂ }] [PF ₆] (M = Mo and W). <i>Polyhedron</i> , 1995 , 14, 675-685	2.7	9
36	Transition-metal complexes of (1S,2S,3R)-3-hydroxycamphorsultam. <i>Inorganic Chemistry</i> , 1993 , 32, 5160-5164	5.164	9
35	Estimation of stepwise M-L bond dissociation enthalpies in M(η^5 -C ₅ H ₅) ₂ L ₂ complexes. <i>Journal of Organometallic Chemistry</i> , 1986 , 307, 167-176	2.3	9
34	Structural dependence of the optical properties of narrow band gap thiophene π hiadiazoloquinoline derivatives and their application in organic photovoltaic cells. <i>New Journal of Chemistry</i> , 2019 , 43, 5202-5213	3.6	8
33	Naphthoylhydrazones: coordination to metal ions and biological screening. <i>New Journal of Chemistry</i> , 2019 , 43, 17801-17818	3.6	8
32	Synthesis and catalytic activity of camphor titanium complexes. <i>Inorganica Chimica Acta</i> , 2012 , 383, 244-249	2.49	8
31	One-dimensional Cu(I) camphor hydrazone polymers: Structure and catalytic properties. <i>Inorganica Chimica Acta</i> , 2010 , 363, 71-76	2.7	8
30	Synthesis and characterisation of Ti, Cr, Mo and W bis(fluorene) complexes. <i>Journal of Organometallic Chemistry</i> , 1997 , 548, 177-183	2.3	8
29	The cis-Re(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂ + metal centre. Synthesis and molecular structure of the dinitrile complex cis-[Re(NCC ₆ H ₄ Me-4,2(Ph ₂ PCH ₂ CH ₂ PPh ₂) ₂)] [BF ₄]. <i>Journal of Organometallic Chemistry</i> , 1992 , 433, C14-C17	2.3	8

28	Synthesis, Characterization and Theoretical Evaluation of [Ti(NC ₄ Me ₄)(NMe ₂) ₃] - A Complex with N-Bonded 2,3,4,5-Tetramethylpyrrolyl Ligand. <i>Collection of Czechoslovak Chemical Communications</i> , 1998 , 63, 182-186		8
27	Cyclopentadithiophene derivatives: a step towards an understanding of thiophene copolymer excited state deactivation pathways. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 149-156	7.8	8
26	Synthesis and characterization of ferrocenyl camphor compounds. <i>Journal of Organometallic Chemistry</i> , 2014 , 760, 108-114	2.3	7
25	Tuning structure and properties of Pd and Pt camphor derived complexes. <i>Inorganica Chimica Acta</i> , 2013 , 395, 169-175	2.7	7
24	Electron spin resonance studies and crystal structures of copper(II) complexes of some 12-, 13- and 14-membered oxatriaza macrocycles. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 3099-3106		7
23	Band-gap tunable thiadiazolo[3,4-g]quinoxaline derivatives as non-fullerene acceptors in organic photovoltaic cells processed from low toxic ethanol/anisole mixtures. <i>New Journal of Chemistry</i> , 2019 , 43, 14246-14256	3.6	6
22	Model for conformational relaxation of flexible conjugated polymers: application to p-phenylenevinylene trimers in nonpolar solvents. <i>ChemPhysChem</i> , 2013 , 14, 583-90	3.2	6
21	Cationic nickel(II) complexes with azine diphosphines: structural and electrochemical study. <i>Inorganica Chimica Acta</i> , 2002 , 338, 201-209	2.7	6
20	Deep in blue with green chemistry: influence of solvent and chain length on the behaviour of - and ,Qalkyl indigo derivatives. <i>Chemical Science</i> , 2020 , 12, 303-313	9.4	6
19	Photoresponsive N,N'-disubstituted indigo derivatives. <i>Dyes and Pigments</i> , 2020 , 176, 108197	4.6	5
18	Cu(I) camphor coordination polymers: Synthesis and study of the catalytic activity for cyclization of 4-pentyn-1-oic acid. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 3316-3323	2.5	5
17	Synthesis and crystal structure of the novel trimanganese tetrathiolate incomplete cubane: [Mo(β-C ₅ H ₅) ₂ (H)CO][Mn ₃ (CO) ₉ (β-C ₆ H ₅) ₄]. <i>Journal of Organometallic Chemistry</i> , 2001 , 620, 276-281	2.3	5
16	Oxygen activation by copper camphor complexes. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 1019-1028	6.8	4
15	Photophysical properties and biological evaluation of a Zinc(II)-5-methyl-1H-pyrazole Schiff base complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 204, 317-327	4.4	4
14	Addition of aldehydes to tantalum-carbene complexes and the reduction of epoxides by unsaturated tantalum complexes. Theoretical study of the reaction mechanism and product structures. <i>Organometallics</i> , 1992 , 11, 4213-4221	3.8	4
13	Supramolecular arrangement in mono and bi-camphor acyl hydrazones: A structural study. <i>Journal of Molecular Structure</i> , 2016 , 1108, 708-716	3.4	4
12	Theoretical investigation on the fast kinetics mechanism for vibronically activated photochromism in benzopyrans. The role of the conical intersection topology in driving the mode enhanced photoproducts. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014 , 289, 66-72	4.7	3
11	Ethylene polymerisation by Ni-diphosphine azine complexes. <i>Polymer International</i> , 2007 , 56, 613-620	3.3	3

10	Metal vapour synthesis and conformational analysis of bis(2-trimethylsilyl-3-methylphosphobenzene). <i>Applied Organometallic Chemistry</i> , 2000 , 14, 561-564	3.1	3
9	Tryptanthrin from indigo: Synthesis, excited state deactivation routes and efficient singlet oxygen sensitization. <i>Dyes and Pigments</i> , 2020 , 175, 108125	4.6	3
8	On the effect of pattern substitution and oligo(ethylene oxide) side-chain modification on thiophene-quinoxaline copolymers and their applications in photovoltaic cells. <i>Organic Electronics</i> , 2020 , 78, 105612	3.5	3
7	Supramolecular arrangement promoted in trans-[PdCl ₂ (HONC ₁₀ H ₁₄ O) ₂] \cdot 2H ₂ O by hydrogen bonding. <i>Journal of Molecular Structure</i> , 2014 , 1065-1066, 108-112	3.4	2
6	Analysis of ¹ H NMR Data for Arene-Metal Complexes Using Extended Huckel Calculations. <i>Collection of Czechoslovak Chemical Communications</i> , 1998 , 63, 299-304		2
5	Red-Purple Photochromic Indigos from Green Chemistry: Mono-BOC or Di-BOC -Substituted Indigos Displaying Excited State Proton Transfer or Photoisomerization. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 4108-4119	3.4	2
4	Concurrent Enhancement of Conductivity and Stability in Water of Poly(3,4-Ethylenedioxythiophene):Poly(Styrenesulfonate) Films Using an Oxetane Additive. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100517	4.6	2
3	Hall effect in RBa ₂ Cu ₃ O ₇ (R=Y,Yb) thin films in high magnetic fields. <i>European Physical Journal D</i> , 1996 , 46, 1753-1754		1
2	Key Parameters on the Antibacterial Activity of Silver Camphor Complexes. <i>Antibiotics</i> , 2021 , 10,	4.9	1
1	Reactivity of Pyrimidine on Clean Ru(0001): Experimental and Calculated Infrared Spectra. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 17521-17530	3.8	