

# Fabio Marchetti

## List of Publications by Citations

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441  
ext. papers

9,485  
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#	Paper	IF	Citations
423	Acylpyrazolone ligands: Synthesis, structures, metal coordination chemistry and applications. <i>Coordination Chemistry Reviews</i> , <b>2005</b> , 249, 2909-2945	23.2	208
422	Ruthenium-arene complexes of curcumin: X-ray and density functional theory structure, synthesis, and spectroscopic characterization, in vitro antitumor activity, and DNA docking studies of (p-cymene)Ru(curcuminato)chloro. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 1072-81	8.3	175
421	Ruthenium(II) Arene RAPTA Type Complexes Containing Curcumin and Bisdemethoxycurcumin Display Potent and Selective Anticancer Activity. <i>Organometallics</i> , <b>2014</b> , 33, 3709-3715	3.8	136
420	Synthesis and characterisation of tin(IV) and organotin(IV) derivatives 2-[[[(2-hydroxyphenyl)imino]methyl]phenol. <i>Inorganica Chimica Acta</i> , <b>2001</b> , 325, 103-114	2.7	127
419	Application of metal-organic frameworks. <i>Polymer International</i> , <b>2017</b> , 66, 731-744	3.3	116
418	Mixed-ligand Cu(II)-vanillin Schiff base complexes; effect of coligands on their DNA binding, DNA cleavage, SOD mimetic and anticancer activity. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 60, 216-32	6.8	96
417	Group 12 metal complexes of tetradentate N <sub>2</sub> O <sub>2</sub> -Schiff-base ligands incorporating pyrazole. <i>Polyhedron</i> , <b>1999</b> , 18, 3041-3050	2.7	85
416	Structural hybridization of bimetallic zeolitic imidazolate framework (ZIF) nanosheets and carbon nanofibers for efficiently sensing $\beta$ -synuclein oligomers. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 309, 127821	8.5	80
415	Interaction of niobium and tantalum pentahalides with O-donors: coordination chemistry and activation reactions. <i>Chemical Communications</i> , <b>2012</b> , 48, 635-53	5.8	80
414	Recent advances in acylpyrazolone metal complexes and their potential applications. <i>Coordination Chemistry Reviews</i> , <b>2015</b> , 303, 1-31	23.2	75
413	Synthesis, structure, and antitumor activity of a novel tetranuclear titanium complex. <i>Journal of Medicinal Chemistry</i> , <b>2000</b> , 43, 3665-70	8.3	75
412	Synthesis and spectroscopic characterization of silver(I) complexes with the bis(1,2,4-triazol-1-yl)alkane ligand tz <sub>2</sub> (CH <sub>2</sub> ). X-ray structures of two- and three-dimensional coordination polymers. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 112-7	5.1	74
411	Non-classical anticancer agents: synthesis and biological evaluation of zinc(II) heteroleptic complexes. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4205-12	4.3	73
410	Synthesis, antimicrobial and antiproliferative activity of novel silver(I) tris(pyrazolyl)methanesulfonate and 1,3,5-triaza-7-phosphadamantane complexes. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 11173-83	5.1	71
409	Diiron $\pi$ -Vinyliminium Complexes from Acetylene Insertion into a Metal-aminocarbyne Bond. <i>Organometallics</i> , <b>2003</b> , 22, 1326-1331	3.8	69
408	Arene-ruthenium(II) acylpyrazolonato complexes: apoptosis-promoting effects on human cancer cells. <i>Journal of Medicinal Chemistry</i> , <b>2014</b> , 57, 4532-42	8.3	67
407	Synthesis, Structure, and Anticancer Activity of Arene-Ruthenium(II) Complexes with Acylpyrazolones Bearing Aliphatic Groups in the Acyl Moiety. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 11770-11781	5.1	56

406	Areneruthenium(II) 4-acyl-5-pyrazolonate derivatives: coordination chemistry, redox properties, and reactivity. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 8245-57	5.1	55
405	Antitumor activity of the mixed phosphine gold species chlorotriphenylphosphine-1,3-bis(diphenylphosphino)propanegold(I). <i>Journal of Medicinal Chemistry</i> , <b>2003</b> , 46, 1737-42	8.3	55
404	Cytotoxicity of Ruthenium-Arene Complexes Containing $\beta$ -Ketoamine Ligands. <i>Organometallics</i> , <b>2013</b> , 32, 309-316	3.8	54
403	Synthesis and Antiproliferative Activity of New Ruthenium Complexes with Ethacrynic-Acid-Modified Pyridine and Triphenylphosphine Ligands. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 6504-12	5.1	51
402	Novel Coordination Polymers with (Pyrazolato)-Based Tectons: Catalytic Activity in the Peroxidative Oxidation of Alcohols and Cyclohexane. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 2303-2317	3.5	51
401	Dioxomolybdenum(VI) Complexes with Acylpyrazolonate Ligands: Synthesis, Structures, and Catalytic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 3352-3361	2.3	51
400	Regio- and Stereoselective Hydride Addition at $\delta$ -Vinyliminium Ligands in Cationic Diiron Complexes. <i>Organometallics</i> , <b>2004</b> , 23, 3348-3354	3.8	51
399	Antibacterial action of 4,4'-bipyrazolyl-based silver(I) coordination polymers embedded in PE disks. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 9775-88	5.1	50
398	Reactivity of niobium and tantalum pentahalides with cyclic ethers and the isolation and characterization of intermediates in the polymerization of tetrahydrofuran. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 365-72	5.1	50
397	Stereochemistry of the insertion of disubstituted alkynes into the metal aminocarbene bond in diiron complexes. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 528-538	2.3	50
396	Synthesis, structure and luminescence properties of new rare earth metal complexes with 1-phenyl-3-methyl-4-acylpyrazol-5-ones. <i>Dalton Transactions RSC</i> , <b>2002</b> , 1409		50
395	Arene-Ru(II) complexes of curcumin exert antitumor activity via proteasome inhibition and apoptosis induction. <i>ChemMedChem</i> , <b>2012</b> , 7, 2010-20	3.7	48
394	Long-lived radical cations of monocyclic arenes at room temperature obtained by NbF <sub>5</sub> acting as an oxidizing agent and counterion precursor. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5268-72	16.4	48
393	Structures and unusual rearrangements of coordination adducts of MX(5) (M = Nb, Ta; X = F, Cl) with simple diethers. A crystallographic, spectroscopic, and computational study. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 339-51	5.1	47
392	Synthesis and characterization of novel oxovanadium(IV) complexes with 4-acyl-5-pyrazolone donor ligands: Evaluation of their catalytic activity for the oxidation of styrene derivatives. <i>Applied Catalysis A: General</i> , <b>2010</b> , 378, 211-220	5.1	47
391	Reactivity of niobium(v) and tantalum(v) halides with carbonyl compounds: synthesis of simple coordination adducts, C-H bond activation, C=O protonation, and halide transfer. <i>Dalton Transactions</i> , <b>2007</b> , 4343-51	4.3	47
390	Organometallic rhodium(III) and iridium(III) cyclopentadienyl complexes with curcumin and bisdemethoxycurcumin co-ligands. <i>Dalton Transactions</i> , <b>2015</b> , 44, 20523-31	4.3	46
389	Coordination Chemistry of the ( $\eta$ -p-Cymene)ruthenium(II) Fragment with Bis-, Tris-, and Tetrakis(pyrazol-1-yl)borate Ligands: Synthesis, Structural, Electrochemical, and Catalytic Diastereoselective Nitroaldol Reaction Studies. <i>Organometallics</i> , <b>2011</b> , 30, 1616-1626	3.8	46

- 388 Synthesis and intramolecular and interionic structural characterization of half-sandwich (arene)ruthenium(II) derivatives of bis(pyrazolyl)alkanes. *Inorganic Chemistry*, **2008**, 47, 11593-603 5.1 46
- 387 Coordination chemistry of pyrazolone-based ligands and applications of their metal complexes. *Coordination Chemistry Reviews*, **2019**, 401, 213069 23.2 45
- 386 Synthesis, structure, and antiproliferative activity of ruthenium(II) arene complexes with N,O-chelating pyrazolone-based  $\beta$ -ketoamine ligands. *Inorganic Chemistry*, **2014**, 53, 13105-11 5.1 45
- 385 Synthesis and structural characterization of adducts of silver(I) nitrate with ER<sub>3</sub> (E=P, As, Sb; R=Ph, cy, o-tolyl, mes) and oligodentate aromatic bases derivative of 2,2'-bipyridyl, L, AgNO<sub>3</sub>:ER<sub>3</sub>:L (1:1:1). *Inorganica Chimica Acta*, **2007**, 360, 1433-1450 2.7 45
- 384 Water-soluble heterometallic copper(II)-sodium complex comprising arylhydrazone of barbituric acid as a ligand. *Inorganic Chemistry Communication*, **2012**, 22, 187-189 3.1 44
- 383 Copper and silver derivatives of scorpionates and related ligands. *Polyhedron*, **2004**, 23, 451-469 2.7 44
- 382 (Bis(1,2,4-triazol-1-yl)methane)silver(I) phosphino complexes: structures and spectroscopic properties of mixed-ligand coordination polymers. *Inorganic Chemistry*, **2004**, 43, 2157-65 5.1 44
- 381 (4-Acyl-5-pyrazolonato)titanium Derivatives: Oligomerization, Hydrolysis, Voltammetry, and DFT Study. *European Journal of Inorganic Chemistry*, **2003**, 2003, 3221-3232 2.3 43
- 380 The water soluble ruthenium(II) organometallic compound [Ru(p-cymene)(bis(3,5-dimethylpyrazol-1-yl)methane)Cl]Cl suppresses triple negative breast cancer growth by inhibiting tumor infiltration of regulatory T cells. *Pharmacological Research*, **2016**, 107, 282-290 10.2 43
- 379 Deprotonation of  $\beta$ -Vinyliminium Ligands in Diiron Complexes: A Route for the Synthesis of Mono- and Polynuclear Species Containing Novel Multidentate Ligands. *Organometallics*, **2005**, 24, 2297-2306 3.8 42
- 378 Syntheses, structures, and antimicrobial activity of new remarkably light-stable and water-soluble tris(pyrazolyl)methanesulfonate silver(I) derivatives of N-methyl-1,3,5-triaza-7-phosphaadamantane salt - [mPTA]BF<sub>4</sub>. *Inorganic Chemistry*, **2015**, 54, 434-40 5.1 41
- 377 The in vitro antitumor activity of arene-ruthenium(II) curcuminoid complexes improves when decreasing curcumin polarity. *Journal of Inorganic Biochemistry*, **2016**, 162, 44-51 4.2 40
- 376 Synthesis, characterization, and antitumor activity of water-soluble (arene)ruthenium(II) derivatives of 1,3-dimethyl-4-acylpyrazolon-5-ato ligands. First example of Ru(arene)(ligand) antitumor species involving simultaneous Ru-N7(guanine) bonding and ligand intercalation to DNA. *Inorganic Chemistry*, **2014**, 53, 3668-77 5.1 40
- 375 Synthesis, spectroscopy (IR, multinuclear NMR, ESI-MS), diffraction, density functional study and in vitro antiproliferative activity of pyrazole- $\beta$ -diketone dihalotin(IV) compounds on 5 melanoma cell lines. *Journal of Inorganic Biochemistry*, **2006**, 100, 58-69 4.2 40
- 374 Synthesis and structural systematics of mixed triphenylphosphine/imidazole base adducts of silver(I) oxyanion salts. *Journal of the Chemical Society Dalton Transactions*, **1999**, 4047-4055 4.0
- 373 <sup>19</sup>F NMR spectroscopy as useful tool for determining the structure in solution of coordination compounds of MF<sub>5</sub> (M = Nb, Ta). *Journal of Fluorine Chemistry*, **2010**, 131, 21-28 2.1 39
- 372 Tin(IV) and organotin(IV) derivatives of novel  $\beta$ -diketones I. Dialkyltin(IV) complexes of 1-phenyl-3-methyl-4-R'(C?O)-pyrazol-5-one (R' = CCl<sub>3</sub>, O?CH<sub>3</sub>, O?C<sub>2</sub>H<sub>5</sub>, O?i?C<sub>3</sub>H<sub>7</sub>, O?C<sub>7</sub>H<sub>7</sub>). Crystal and molecular structure of trans-dimethylbis[1-phenyl-3-methyl-4-R'(C?O)-pyrazol-5-one]tin(IV). *Inorganica Chimica Acta*, **1997**, 257, 37-48 2.7 39
- 371 Tin(IV) and organotin(IV) derivatives of novel  $\beta$ -diketones. III Diorgano- and dihalotin(IV) complexes of 1,3-dimethyl-4-R(C?O)-pyrazol-5-one (R=CH<sub>3</sub>, C<sub>6</sub>H<sub>5</sub>) and the crystal structure of trans-dicyclohexylbis(1,3-dimethyl-4-acetylpyrazolon-5-ato)tin(IV). *Journal of Organometallic Chemistry*, **1998**, 557, 187-205 2.3 39

370	Unprecedented Zwitterionic Iminium-Chalcogenide Bridging Ligands in Diiron Complexes. <i>Organometallics</i> , <b>2006</b> , 25, 4808-4816	3.8	39
369	Synthesis and spectroscopic characterization (IR, <sup>1</sup> H and <sup>31</sup> P NMR, electrospray ionization mass) of mono-, di-, tetra- and poly-meric complexes of silver(I) with diphosphine ligands: X-ray crystal structures of AgNO <sub>2</sub> :(Ph <sub>2</sub> PCH <sub>2</sub> PPh <sub>2</sub> ) (1:1) <sub>2</sub> , AgNO <sub>2</sub> :(Ph <sub>2</sub> P(CH <sub>2</sub> ) <sub>3</sub> PPh <sub>2</sub> ) (1:1) <sub>2</sub> , AgNO <sub>2</sub> :(Ph <sub>2</sub> PCH <sub>2</sub> CHPPh <sub>2</sub> ) (2:1) <sub>2</sub> and AgNO <sub>2</sub> :(p-tolyl) <sub>2</sub> P(C <sub>10</sub> H <sub>6</sub> ) <sub>2</sub> P(p-tolyl) <sub>2</sub> (1:1). <i>Inorganica Chimica Acta</i> , <b>2006</b> , 300, 1151-1157	2.7	39
368	The interaction of organotin(IV) acceptors with a benzoic acid containing two pyrazolone groups. <i>Dalton Transactions RSC</i> , <b>2001</b> , 1790-1797		39
367	First structurally characterized silver(I) derivatives with nonfluorinated beta-diketones. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 1151-61	5.1	37
366	Synthesis and spectroscopic characterization of new Cu(I) complexes containing triaryl-, tricycloalkylphosphines and heterocyclic anionic or neutral N-donor ligands. Crystal and molecular structure of [(Cy <sub>3</sub> P) <sub>2</sub> (pzH)Cu]ClO <sub>4</sub> ·CH <sub>3</sub> OH (Cy=cyclohexyl, pzH=pyrazole). <i>Inorganica Chimica Acta</i> , <b>1996</b> , 249, 215-229	2.7	37
365	Unusual room temperature activation of 1,2-dialkoxyalkanes by niobium and tantalum pentachlorides. <i>Dalton Transactions</i> , <b>2008</b> , 7026-35	4.3	36
364	Ligand Design for N, O- or N, N-Pyrazolone-Based Hydrazones Ruthenium(II)-Arene Complexes and Investigation of Their Anticancer Activity. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 14123-14133	5.1	36
363	Enlarging an Isorecticular Family: 3,3',5,5'-Tetramethyl-4,4'-bipyrazolato-Based Porous Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2013</b> , 13, 3087-3097	3.5	35
362	Syntheses, structural and spectroscopic investigation (IR, NMR and luminescence) of new terbium and europium acylpyrazolonates. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 4181-4190	2.7	35
361	Diiron and diruthenium aminocarbyne complexes containing pseudohalides: stereochemistry and reactivity. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 1204-1216	2.7	35
360	Diimines as Versatile, Derivatizable Ligands in Ruthenium(II) p-Cymene Anticancer Complexes. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 6669-6685	5.1	35
359	Organometallic ruthenium(II) scorpionate as topo II-inhibitor; in vitro binding studies with DNA, HPLC analysis and its anticancer activity. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 771, 47-58	2.3	34
358	Tuning the cytotoxicity of ruthenium(II) para-cymene complexes by mono-substitution at a triphenylphosphine/phenoxydiphenylphosphine ligand. <i>Dalton Transactions</i> , <b>2017</b> , 46, 16589-16604	4.3	34
357	Synthesis, structural and spectroscopic characterization and biomimetic properties of new copper, manganese, zinc complexes: identification of possible superoxide-dismutase mimics bearing hydroxyl radical generating/scavenging abilities. <i>Journal of Inorganic Biochemistry</i> , <b>2010</b> , 104, 820-30	4.2	34
356	Synthesis and structural characterization of adducts of silver(I) oxyanion salts, AgX (X = ClO <sub>4</sub> , NO <sub>3</sub> ), with Ph <sub>2</sub> E(CH <sub>2</sub> ) <sub>x</sub> EPh <sub>2</sub> (E = P, As; x = 1, 2) and oligodentate aromatic N-bases derivative of 2,2'-bipyridyl, [AgX]·dpex·L (2:1:2). <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 1388-1413	2.7	34
355	Synthesis, molecular structure (X-ray and DFT), and solution behavior of titanium 4-Acyl-5-pyrazolonates. Correlations with related antitumor beta-diketonato derivatives. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 7553-60	5.1	34
354	Organotin(IV) derivatives of novel beta-diketones: Part V. Synthesis and characterization of di- and triorganotin(IV) derivatives of 4-acyl-5-pyrazolonates modified in position 3 of the pyrazole. Crystal structure of (1,3-diphenyl-4-benzoyl-pyrazolon-5-ato)triphenyltin(IV). <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 645, 134-145	2.3	34
353	The reactivity of new (1,5-cyclooctadiene)rhodium acylpyrazolonates towards N- and P-donor ligands: X-ray structures of [Rh(1,5-COD)Qs], [Rh(1,5-COD)(phen)]Qs·5H <sub>2</sub> O (HQs=1-phenyl-3-methyl-4-(2-thenoyl)-pyrazol-5-one) and [Rh(1,5-COD)Br] <sub>2</sub> . <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 651, 5-14	2.3	34



- 352 Tin(IV) and organotin(IV) derivatives of anionic 4-acyl-5-pyrazolonato ligands: synthesis, spectroscopic characterization (IR, far-IR,  $^{119}\text{Sn}$  Mössbauer,  $^1\text{H}$ ,  $^{13}\text{C}$  and  $^{119}\text{Sn}$  NMR) and behavior in solution crystal and molecular structure of dimethylbis(1-phenyl-3-methyl-4-(1-*tert*-butylbenzoyl)-pyrazolon-5-ato)tin(IV). *Journal of Organometallic Chemistry*, **2007**, 687, 119-124
- 351 Tin(IV) and organotin(IV) complexes containing the anion of some substituted-3-methyl-4-acyl-5-pyrazolones. Crystal structure of dimethylbis(1-phenyl-3-methyl-4-benzoyl pyrazolon-5-ato)tin(IV). *Journal of Organometallic Chemistry*, **2007**, 687, 125-129
- 350 Heteroleptic Copper(I) Complexes of "Scorpionate" Bis-pyrazolyl Carboxylate Ligand with Auxiliary Phosphine as Potential Anticancer Agents: An Insight into Cytotoxic Mode. *Scientific Reports*, **2017**, 7, 45229
- 349 From Sunscreen to Anticancer Agent: Ruthenium(II) Arene Avobenzone Complexes Display Potent Anticancer Activity. *Organometallics*, **2016**, 35, 3734-3742
- 348 Reactions of Diazo Compounds at  $\pi$ -Vinyliminium Ligands: Synthesis of Novel Dinuclear AzineBis(alkylidene) Complexes. *Organometallics*, **2007**, 26, 3577-3584
- 347 Synthesis and structural characterization of adducts of silver(I) carboxylate salts  $\text{AgX}$  ( $\text{X}=\text{CF}_3\text{COO}$ ,  $\text{CH}_3\text{COO}$ ) with  $\text{ER}_3$  ( $\text{E}=\text{P}$ ,  $\text{As}$ ;  $\text{R}=\text{Ph}$ , *cy*, *o*-tolyl) and oligodentate aromatic bases derivative of 2,2'-bipyridyl, *L*,  $\text{AgX}:\text{PR}_3:\text{L}$  (1:1:1). *Inorganica Chimica Acta*, **2007**, 360, 1451-1465
- 346 Synthesis, Characterization, Spectroscopic and Photophysical Properties of New  $[\text{Cu}(\text{NCS})\{(\text{L}-\text{N})_2 \text{ or } (\text{L}'-\text{NN})\}(\text{PPh}_3)]$  Complexes ( $\text{L}-\text{N}$ ,  $\text{L}'-\text{NN}$  = Aromatic Nitrogen Base). *European Journal of Inorganic Chemistry*, **2008**, 2008, 1974-1984
- 345 Synthesis and Structural Characterization of Mixed-Sandwich Complexes of Rhodium(III) and Iridium(III) with Cyclopentadienyl and Hydrotris(pyrazolyl)borate Ligands. *Organometallics*, **2003**, 22, 2820-2826
- 344 Ruthenium arene complexes with triphenylphosphane ligands: cytotoxicity towards pancreatic cancer cells, interaction with model proteins, and effect of ethacrynic acid substitution. *New Journal of Chemistry*, **2017**, 41, 14574-14588
- 343 The reactivity of 1,1-dialkoxyalkanes with niobium and tantalum pentahalides. Formation of coordination compounds, C-H and C-C bond activation and the X-ray structure of the stable carboxonium species  $[\text{Me}(\text{C}=\text{CHC}(\text{OMe})\text{Me})][\text{NbCl}_5(\text{OMe})]$ . *Dalton Transactions*, **2009**, 8096-106
- 342 Syntheses, structures, and spectroscopy of mono- and polynuclear lanthanide complexes containing 4-acyl-pyrazolones and diphosphineoxide. *Inorganica Chimica Acta*, **2010**, 363, 4038-4047
- 341 Synthesis and structural characterization of adducts of silver(I) perchlorate with  $\text{PR}_3$  ( $\text{R}=\text{Ph}$ , *cy*, *o*-tolyl) and oligodentate aromatic bases derivative of 2,2'-bipyridyl, *L*,  $\text{AgClO}_4:\text{PR}_3:\text{L}$  (1:1:1). *Inorganica Chimica Acta*, **2007**, 360, 1424-1432
- 340 Ring opening polymerization of *rac*-lactide by group 4 tetracarbamato complexes: activation, propagation and role of the metal. *Dalton Transactions*, **2013**, 42, 2792-802
- 339 Novel composite plastics containing silver(I) acylpyrazolonato additives display potent antimicrobial activity by contact. *Chemistry - A European Journal*, **2015**, 21, 836-50
- 338 Syntheses, structures and spectroscopy of uni- and bi-dentate nitrogen base complexes of silver(I) trifluoromethanesulfonate. *Dalton Transactions*, **2010**, 39, 908-22
- 337 Switching between kappa(2) and kappa(3) bis(pyrazol-1-yl)acetate ligands by tuning reaction conditions: synthesis, spectral, electrochemical, structural, and theoretical studies on arene-Ru(II) derivatives of bis(azol-1-yl)acetate ligands. *Inorganic Chemistry*, **2009**, 48, 6096-108
- 336 Tin(IV) and organotin(IV) derivatives of novel  $\beta$ -diketones: II. Mono- and diaryltin(IV) complexes of 1-phenyl-3-methyl-4-R(C?O)-pyrazol-5-one ( $\text{R}=\text{CCL}_3$ ,  $\text{OCH}_3$ ,  $\text{OC}_2\text{H}_5$ ). Crystal and molecular structure of trans-dibenzylbis(1-phenyl-3-methyl-4-methoxycarbonyl-pyrazolon-5-ato)tin(IV),  $(\text{C}_7\text{H}_7)_2\text{Sn}(\text{OOMe})_2$ . *Inorganica Chimica Acta*, **1997**, 252, 33-46
- 335 Complexes of Niobium(V) and Tantalum(V) Halides with Ligands that Contain  $\text{N}=\text{O}$  and  $\text{P}=\text{O}$  Functionalities: A Synthetic and Structural Study. *European Journal of Inorganic Chemistry*, **2008**, 2008, 453-462

- 334 From 1,2-dialkoxyalkanes to 1,4-dioxanes. A transformation mediated by NbCl<sub>5</sub> via multiple C-O bond cleavage at room temperature. *Chemical Communications*, **2008**, 3651-3 5.8 31
- 333 C≡C bond formation by cyanide addition to dinuclear vinyliminium complexes. *Journal of Organometallic Chemistry*, **2006**, 691, 4234-4243 2.3 31
- 332 Silver coordination chemistry of a new versatile "Janus"-type N(2),O(2)-bichelating donor, formation of an unprecedented supramolecular network of binuclear silver building blocks containing a five-coordinate beta-diketonate, and isolation of unexpected silver-tin-silver heterotrimetallic complexes from silver metathesis reactions. *Inorganic Chemistry*, **2004**, 43, 4387-99 5.1 31
- 331 A crystallographic and spectroscopic study on the reactions of WCl<sub>6</sub> with carbonyl compounds. *Dalton Transactions*, **2013**, 42, 5635-48 4.3 30
- 330 Inhibitory effect of beta-diketones and their metal complexes on TNF-alpha induced expression of ICAM-1 on human endothelial cells. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 6166-72 3.4 30
- 329 Addition of Isocyanides at Diiron Vinyliminium Complexes: Synthesis of Novel Ketenimine-Bis(alkylidene) Complexes. *Organometallics*, **2008**, 27, 5058-5066 3.8 30
- 328 Synthesis and structural characterization of adducts of silver(I) oxyanion salts, AgX (X=ClO<sub>4</sub>, NO<sub>3</sub>), with Ph<sub>2</sub>E(CH<sub>2</sub>)<sub>x</sub>EPh<sub>2</sub> (E=P, As; x=1,2) and oligodentate aromatic N-bases derivative of 2,2'-bipyridyl, [AgX] : dpex : L (2:1:1) or (1:1:1). *Inorganica Chimica Acta*, **2007**, 360, 1414-1423 2.7 30
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