

Piotr Smolenski

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55
ext. papers

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ext. citations

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L-index

#	Paper	IF	Citations
55	Aliphatic Dicarboxylate Directed Assembly of Silver(I) 1,3,5-Triaza-7-phosphaadamantane Coordination Networks: Topological Versatility and Antimicrobial Activity. <i>Crystal Growth and Design</i> , 2014 , 14, 5408-5417	3.5	87
54	Silver(I) 1,3,5-Triaza-7-phosphaadamantane Coordination Polymers Driven by Substituted Glutarate and Malonate Building Blocks: Self-Assembly Synthesis, Structural Features, and Antimicrobial Properties. <i>Inorganic Chemistry</i> , 2016 , 55, 5886-94	5.1	86
53	New silver BioMOFs driven by 1,3,5-triaza-7-phosphaadamantane-7-sulfide (PTAS): synthesis, topological analysis and antimicrobial activity. <i>CrystEngComm</i> , 2013 , 15, 8060	3.3	82
52	Bioactive Silver-Organic Networks Assembled from 1,3,5-Triaza-7-phosphaadamantane and Flexible Cyclohexanecarboxylate Blocks. <i>Inorganic Chemistry</i> , 2016 , 55, 1486-96	5.1	81
51	A novel 2D coordination network built from hexacopper(I)-iodide clusters and cage-like aminophosphine blocks for reversible turn-on sensing of aniline. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 1670-1678	7.1	74
50	Synthesis, antimicrobial and antiproliferative activity of novel silver(I) tris(pyrazolyl)methanesulfonate and 1,3,5-triaza-7-phosphadamantane complexes. <i>Inorganic Chemistry</i> , 2011 , 50, 11173-83	5.1	71
49	New water-soluble polypyridine silver(I) derivatives of 1,3,5-triaza-7-phosphaadamantane (PTA) with significant antimicrobial and antiproliferative activities. <i>Dalton Transactions</i> , 2013 , 42, 6572-81	4.3	70
48	Cu(I) complexes bearing the new sterically demanding and coordination flexible tris(3-phenyl-1-pyrazolyl)methanesulfonate ligand and the water-soluble phosphine 1,3,5-triaza-7-phosphaadamantane or related ligands. <i>Inorganic Chemistry</i> , 2008 , 47, 10158-68	5.1	68
47	Engineering Coordination and Supramolecular Copper/Organic Networks by Aqueous Medium Self-Assembly with 1,3,5-Triaza-7-phosphaadamantane (PTA). <i>Crystal Growth and Design</i> , 2009 , 9, 3006-3010	3.5	62
46	The First Copper Complexes Bearing the 1,3,5-Triaza-7-phosphaadamantane (PTA) Ligand. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 2686-2692	2.3	61
45	Rhodium(I) acetylacetonato complexes with functionalized phosphines. <i>Journal of Organometallic Chemistry</i> , 1998 , 570, 63-69	2.3	57
44	New rhodium(III) and ruthenium(II) water-soluble complexes with 3,5-diaza-1-methyl-1-azonia-7-phosphatricyclo[3.3.1.1(3,7)]decane. <i>Inorganic Chemistry</i> , 2003 , 42, 3318-22	5.1	57
43	Oxorhenium complexes bearing the water-soluble tris(pyrazol-1-yl)methanesulfonate, 1,3,5-triaza-7-phosphaadamantane, or related ligands, as catalysts for Baeyer-Villiger oxidation of ketones. <i>Inorganic Chemistry</i> , 2013 , 52, 4534-46	5.1	47
42	New water-soluble azido- and derived tetrazolato-platinum(II) complexes with PTA. Easy metal-mediated synthesis and isolation of 5-substituted tetrazoles. <i>Dalton Transactions</i> , 2008 , 6546-55	4.3	43
41	Unprecedented Metal-Free C(sp ³)–C(sp ³) Bond Cleavage: Switching from N-Alkyl- to N-Methyl-1,3,5-triaza-7-phosphaadamantane. <i>Organometallics</i> , 2009 , 28, 1683-1687	3.8	42
40	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 ₄ . <i>Inorganic Chemistry</i> , 2015 , 54, 434-40	5.1	41
39	Extending the coordination chemistry of 1,3,5-triaza-7-phosphaadamantane (PTA) to cobalt centers: first examples of co-PTA complexes and of a metal complex with the PTA oxide ligand. <i>Inorganic Chemistry</i> , 2008 , 47, 2922-4	5.1	40

- 38 New rhodium(I) water-soluble complexes with 1-alkyl-1-azonia-3,5-diaza-7-phospha-adamantane iodides and their catalytic activity. *Applied Organometallic Chemistry*, **1999**, 13, 829-836 3.1 39
- 37 Cobalt and Zinc Compounds Bearing 1,10-Phenanthroline-5,6-dione or 1,3,5-Triaza-7-phosphaadamantane Derivatives: Synthesis, Characterization, Cytotoxicity, and Cell Selectivity Studies. *European Journal of Inorganic Chemistry*, **2013**, 2013, 3651-3658 2.3 34
- 36 Water-soluble and stable dinitrogen phosphine complexes trans-[ReCl(N₂)(PTA-H)_n(PTA)_{4-n}]ⁿ⁺ (n = 0-4), the first with 1,3,5-triaza-7-phosphaadamantane. *Dalton Transactions*, **2008**, 87-91 4.3 34
- 35 From Sunscreen to Anticancer Agent: Ruthenium(II) Arene Avobenzone Complexes Display Potent Anticancer Activity. *Organometallics*, **2016**, 35, 3734-3742 3.8 33
- 34 Copper(I) Iodide Complexes Derived from N-Alkyl-1,3,5-triaza-7-phosphaadamantanes: Synthesis, Crystal Structures, Photoluminescence, and Identification of the Unprecedented {Cu₃I₅}₂ Cluster. *Organometallics*, **2009**, 28, 6425-6431 3.8 30
- 33 Unique Mixed-Valence Cu(I)/Cu(II) Coordination Polymer with New Topology of Bitubular 1D Chains Driven by 1,3,5-Triaza-7-phosphaadamantane (PTA). *Crystal Growth and Design*, **2012**, 12, 5852-5857 3.5 28
- 32 New water-soluble rhodium(I) complexes containing 1-methyl-1-azonia-3,5-diaza-7-phosphaadamantane iodide. *New Journal of Chemistry*, **1998**, 22, 1395-1398^{3,6} 2.8 28
- 31 Hydrosoluble Cu(I)-DAPTA complexes: synthesis, characterization, luminescence thermochromism and catalytic activity for microwave-assisted three-component azide-alkyne cycloaddition click reaction. *Dalton Transactions*, **2018**, 47, 7290-7299 4.3 28
- 30 Molybdenum Complexes Bearing the Tris(1-pyrazolyl)methanesulfonate Ligand: Synthesis, Characterization and Electrochemical Behaviour. *European Journal of Inorganic Chemistry*, **2010**, 2010, 2415-2424 2.3 27
- 29 Crystal engineering with 1,3,5-triaza-7-phosphaadamantane (PTA): first PTA-driven 3D metal-organic frameworks. *CrystEngComm*, **2011**, 13, 6329 3.3 26
- 28 Antiviral, Antibacterial, Antifungal, and Cytotoxic Silver(I) BioMOF Assembled from 1,3,5-Triaza-7-Phoshaadamantane and Pyromellitic Acid. *Molecules*, **2020**, 25, 4.8 24
- 27 Microwave synthesis of bis(tetrazolato)-Pd(II) complexes with PPh₃ and water-soluble 1,3,5-triaza-7-phosphaadamantane (PTA). The first example of C≡N bond cleavage of propionitrile by a Pd(II) Centre. *Journal of Organometallic Chemistry*, **2011**, 696, 3513-3520 2.3 24
- 26 Synthesis of the water-soluble [Rh(Tpms)(CO)(PTA)] compound, the first transition metal complex bearing the 1,3,5-triaza-7-phosphaadamantane (PTA) and the tris(1-pyrazolyl)methanesulfonate (Tpms) ligands. *Journal of Organometallic Chemistry*, **2008**, 693, 2338-2344 2.3 24
- 25 Structural, spectroscopic and catalytic properties of water-soluble hydride rhodium complexes [Rh(Rtpa+I)]₄H₂O (R=Me, Et). *Inorganica Chimica Acta*, **1999**, 293, 110-114 2.7 21
- 24 Dicationic Ruthenium(II) Arene-Curcumin Complexes Containing Methylated 1,3,5-Triaza-7-phosphaadamantane: Synthesis, Structure, and Cytotoxicity. *European Journal of Inorganic Chemistry*, **2017**, 2017, 2905-2910 2.3 20
- 23 Unprecedented Mixed-Valence Cu(I)/Cu(II) Complex Derived from N-Methyl-1,3,5-triaza-7-phosphaadamantane: Synthesis, Structural Features, and Magnetic Properties. *Organometallics*, **2012**, 31, 7921-7925 3.8 20
- 22 Copper(II) and Sodium(I) Complexes based on 3,7-Diacetyl-1,3,7-triaza-5-phosphabicyclo[3.3.1]nonane-5-oxide: Synthesis, Characterization, and Catalytic Activity. *Chemistry - an Asian Journal*, **2018**, 13, 2868-2880 4.5 15
- 21 Ru(II)-(PTA) and -mPTA complexes with N-donor ligands bipyridyl and phenanthroline and their antiproliferative activities on human multiple myeloma cell lines. *Dalton Transactions*, **2017**, 46, 10073-10081^{4,3} 4.3 13

20	Syntheses and Crystal Structures of the First Zinc Complex with 1,3,5-Triaza-7-phosphaadamantane (PTA), [ZnCl ₂ (PTA) ₂], and of the Hybrid Organic-Inorganic Salts of N-Methyl-1,3,5-triaza-7-phosphaadamantane with Tetrahalozinc [PTAMe] ₂ [ZnI ₂ X ₂] (X = I, Cl). <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 1181-1186	2.3	13
19	Synthesis, characterization and molecular structures of the hybrid organic-inorganic salts of N-alkyl-1,3,5-triaza-7-phosphaadamantane (alkyl = methyl, ethyl) and tetra(isothiocyanato)cobalt(II). <i>Inorganica Chimica Acta</i> , 2009 , 362, 1645-1649	2.7	13
18	Synthesis of the first monodentate S- and O-coordinating 1,3,5-triaza-7-phosphaadamantane-7-chalcogenides [CoCl(bpy) ₂ (Z-PTAZ)]X (ZS, O; bpy=2,2'-bipyridine; X=BF ₄ , PF ₆) and [CoCl(bpy) ₂ (N-PTA)]BF ₄ (PTA=1,3,5-triaza-7-phosphaadamantane). <i>Polyhedron</i> , 2010 , 29, 1561-1566	2.7	13
17	Orthometalation of Tris(3-sodium sulfonatophenyl)phosphine with Dirhodium(II) Acetate. <i>Organometallics</i> , 1998 , 17, 3684-3689	3.8	13
16	Unique Copper-Organic Networks Self-Assembled from 1,3,5-Triaza-7-Phosphaadamantane and Its Oxide: Synthesis, Structural Features, and Magnetic and Catalytic Properties. <i>Crystal Growth and Design</i> , 2018 , 18, 2814-2823	3.5	11
15	Light-stable polypyridine silver(I) complexes of 1,3,5-triaza-7-phosphaadamantane (PTA) and 1,3,5-triaza-7-phosphaadamantane-7-sulfide (PTA[double bond, length as m-dash]S): significant antiproliferative activity of representative examples in aqueous media. <i>Dalton Transactions</i> , 2019 , 10, 11035-11046	4.3	10
14	Isomerisation and controlled condensation in an aqueous medium of allyl alcohol catalysed by new water-soluble rhodium complexes with 1,3,5-triaza-7-phosphaadamantane (PTA). <i>Dalton Transactions</i> , 2013 , 42, 10867-74	4.3	10
13	Reactivity of bulky tris(phenylpyrazolyl)methanesulfonate copper(I) complexes towards small unsaturated molecules. <i>Journal of Organometallic Chemistry</i> , 2012 , 714, 47-52	2.3	10
12	Photocatalytic properties of new cyclopentadienyl and indenyl rhodium(I) carbonyl complexes with water-soluble 1,3,5-triaza-7-phosphaadamantane (PTA) and tris(2-cyanoethyl)phosphine. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 3867-3872	2.3	10
11	Transformations of the Vaska-type complex trans-[RhCl(CO)(PTA) ₂] (PTA=1,3,5-triaza-7-phosphaadamantane) during stepwise addition of HCl: Synthesis, characterization and crystal structure of trans-[RhCl ₂ (PTA)(PTAH)]. <i>Inorganica Chimica Acta</i> , 2011 , 378, 342-346	2.7	8
10	1-Methyl-1-azonia-3,5-diaza-7-phosphatricyclo-[3.3.1.1]decane tetra-fluoro-borate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, o556		6
9	Synthesis, Structural, and Cytotoxic Properties of New Water-Soluble Copper(II) Complexes based on 2,9-Dimethyl-1,10-Phenanthroline and Their One Derivative Containing 1,3,5-Triaza-7-Phosphaadamantane-7-Oxide. <i>Molecules</i> , 2020 , 25,	4.8	5
8	New Microbe Killers: Self-Assembled Silver(I) Coordination Polymers Driven by a Cage-like Aminophosphine. <i>Materials</i> , 2019 , 12,	3.5	5
7	New water-soluble palladium(II) iodide complexes derived from N-protonated or N-alkyl-1,3,5-triaza-7-phosphaadamantanes: Synthesis, crystal structure and catalytic properties in aqua media. <i>Inorganica Chimica Acta</i> , 2017 , 455, 701-706	2.7	4
6	Three-dimensional hydrogen-bonded supra-molecular assembly in tetrakis-(1,3,5-triaza-7-phosphaadamantane)copper(I) chloride hexa-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 64, m603-4		4
5	Water-Soluble O-, S- and Se-Functionalized Cyclic Acetyl-triaza-phosphines. Synthesis, Characterization and Application in Catalytic Azide-alkyne Cycloaddition. <i>Molecules</i> , 2020 , 25,	4.8	4
4	Pentafluorophenyl Platinum(II) Complexes of PTA and its N-Allyl and N-Benzyl Derivatives: Synthesis, Characterization and Biological Activity. <i>Materials</i> , 2019 , 12,	3.5	4
3	Self-Assembly and Multifaceted Bioactivity of a Silver(I) Quinolate Coordination Polymer. <i>Inorganic Chemistry</i> , 2021 , 60, 15435-15444	5.1	4

- 2 1-Methyl-1-azonia-3,5-diaza-7-phospha-tricyclo-[3.3.1.1]decane 7-oxide triiodide. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o496-7 2
- 1 A 3D MOF based on Adamantoid Tetracopper(II) and Aminophosphine Oxide Cages: Structural Features and Magnetic and Catalytic Properties. *Inorganic Chemistry*, **2021**, 60, 9631-9644 5-1 2