# Piotr Smolenski

## List of Publications by Year in Descending Order



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| 55 papers | 1,688 citations | 26 h-index | 40 g-index |
| 55 ext. papers | 1,800 ext. citations | 3.7 avg, IF | 4.58 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 55 | 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 |
| 54 | Self-Assembly and Multifaceted Bioactivity of a Silver(I) Quinolinate Coordination Polymer. *Inorganic Chemistry*, **2021**, 60, 15435-15444 | 5.1 | 4 |
| 53 | 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 |
| 52 | 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. *Molecules*, **2020**, 25, | 4.8 | 5 |
| 51 | Water-Soluble O-, S- and Se-Functionalized Cyclic Acetyl-triaza-phosphines. Synthesis, Characterization and Application in Catalytic Azide-alkyne Cycloaddition. *Molecules*, **2020**, 25, | 4.8 | 4 |
| 50 | 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. *Dalton Transactions*, **2019**, 48, 11235-11249 | 4.3 | 10 |
| 49 | New Microbe Killers: Self-Assembled Silver(I) Coordination Polymers Driven by a Cagelike Aminophosphine. *Materials*, **2019**, 12, | 3.5 | 5 |
| 48 | Pentafluorophenyl Platinum(II) Complexes of PTA and its N-Allyl and N-Benzyl Derivatives: Synthesis, Characterization and Biological Activity. *Materials*, **2019**, 12, | 3.5 | 4 |
| 47 | Unique Copper–Organic Networks Self-Assembled from 1,3,5-Triaza-7-Phosphaadamantane and Its Oxide: Synthesis, Structural Features, and Magnetic and Catalytic Properties. *Crystal Growth and Design*, **2018**, 18, 2814-2823 | 3.5 | 11 |
| 46 | A novel 2D coordination network built from hexacopper(I)-iodide clusters and cagelike aminophosphine blocks for reversible "turn-on" sensing of aniline. *Journal of Materials Chemistry C*, **2018**, 6, 1670-1678 | 7.1 | 74 |
| 45 | 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 |
| 44 | 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 |
| 43 | 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. *Inorganica Chimica Acta*, **2017**, 455, 701-706 | 2.7 | 4 |
| 42 | 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 |
| 41 | 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 | 13 |
| 40 | From Sunscreen to Anticancer Agent: Ruthenium(II) Arene Avobenzone Complexes Display Potent Anticancer Activity. *Organometallics*, **2016**, 35, 3734-3742 | 3.8 | 33 |
| 39 | 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. *Inorganic Chemistry*, **2016**, 55, 5886-94 | 5.1 | 86 |

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| 38 | Bioactive Silver-Organic Networks Assembled from 1,3,5-Triaza-7-phosphaadamantane and Flexible Cyclohexanecarboxylate Blocks. *Inorganic Chemistry*, **2016**, 55, 1486-96 | 5.1 | 81 |
| 37 | 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]BF4. *Inorganic Chemistry*, **2015**, 54, 434-40 | 5.1 | 41 |
| 36 | Aliphatic Dicarboxylate Directed Assembly of Silver(I) 1,3,5-Triaza-7-phosphaadamantane Coordination Networks: Topological Versatility and Antimicrobial Activity. *Crystal Growth and Design*, **2014**, 14, 5408-5417 | 3.5 | 87 |
| 35 | 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 |
| 34 | New silver BioMOFs driven by 1,3,5-triaza-7-phosphaadamantane-7-sulfide (PTAS): synthesis, topological analysis and antimicrobial activity. *CrystEngComm*, **2013**, 15, 8060 | 3.3 | 82 |
| 33 | 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). *Dalton Transactions*, **2013**, 42, 10867-74 | 4.3 | 10 |
| 32 | New water-soluble polypyridine silver(I) derivatives of 1,3,5-triaza-7-phosphaadamantane (PTA) with significant antimicrobial and antiproliferative activities. *Dalton Transactions*, **2013**, 42, 6572-81 | 4.3 | 70 |
| 31 | 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. *Inorganic Chemistry*, **2013**, 52, 4534-46 | 5.1 | 47 |
| 30 | Reactivity of bulky tris(phenylpyrazolyl)methanesulfonate copper(I) complexes towards small unsaturated molecules. *Journal of Organometallic Chemistry*, **2012**, 714, 47-52 | 2.3 | 10 |
| 29 | 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 |
| 28 | 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 |
| 27 | Crystal engineering with 1,3,5-triaza-7-phosphaadamantane (PTA): first PTA-driven 3D metal–organic frameworks. *CrystEngComm*, **2011**, 13, 6329 | 3.3 | 26 |
| 26 | Synthesis, antimicrobial and antiproliferative activity of novel silver(I) tris(pyrazolyl)methanesulfonate and 1,3,5-triaza-7-phosphadamantane complexes. *Inorganic Chemistry*, **2011**, 50, 11173-83 | 5.1 | 71 |
| 25 | Microwave synthesis of bis(tetrazolato)-PdII 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 PdII Centre. *Journal of Organometallic Chemistry*, **2011**, 696, 3513-3520 | 2.3 | 24 |
| 24 | 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. *Journal of Organometallic Chemistry*, **2011**, 696, 3867-3872 | 2.3 | 10 |
| 23 | 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-[RhCl2(PTA)(PTAH)]. *Inorganica Chimica Acta*, **2011**, | 2.7 | 8 |
| 22 | 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 |
| 21 | 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=BF4, PF6) and [CoCl(bpy)2(N-PTA)]BF4 (PTA=1,3,5-triaza-7-phosphaadamantane). *Polyhedron*, **2010**, 29, 1561-1566 | 2.7 | 13 |

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| 20 | Syntheses and Crystal Structures of the First Zinc Complex with 1,3,5-Triaza-7-phosphaadamantane (PTA), [ZnCl2(PTA)2], and of the Hybrid Organic–Inorganic Salts of N-Methyl-1,3,5-triaza-7-phosphaadamantane with Tetrahalozinc [PTAMe]2[ZnI2X2] (X = I, Cl). *European Journal of Inorganic Chemistry*, **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). *Inorganica Chimica Acta*, **2009**, 362, 1645-1649 | 2.7 | 13 |
| 18 | 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 |
| 17 | Unprecedented Metal-Free C(sp3)–C(sp3) Bond Cleavage: Switching from N-Alkyl- to N-Methyl-1,3,5-triaza-7-phosphaadamantane. *Organometallics*, **2009**, 28, 1683-1687 | 3.8 | 42 |
| 16 | Engineering Coordination and Supramolecular Copper–Organic Networks by Aqueous Medium Self-Assembly with 1,3,5-Triaza-7-phosphaadamantane (PTA). *Crystal Growth and Design*, **2009**, 9, 3006-3010 | 3.5 | 62 |
| 15 | New water-soluble azido- and derived tetrazolato-platinum(II) complexes with PTA. Easy metal-mediated synthesis and isolation of 5-substituted tetrazoles. *Dalton Transactions*, **2008**, 6546-55 | 4.3 | 43 |
| 14 | 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. *Inorganic Chemistry*, **2008**, 47, 2922-4 | 5.1 | 40 |
| 13 | 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. *Inorganic Chemistry*, **2008**, 47, 10158-68 | 5.1 | 68 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 1-Methyl-1-azonia-3,5-diaza-7-phosphatricyclo-[3.3.1.1]decane tetra-fluoro-borate. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, o556 | | 6 |
| 8 | Three-dimensional hydrogen-bonded supra-molecular assembly in tetrakis-(1,3,5-triaza-7-phosphaadamantane)copper(I) chloride hexa-hydrate. *Acta Crystallographica Section E: Structure Reports Online*, **2008**, 64, m603-4 | | 4 |
| 7 | The First Copper Complexes Bearing the 1,3,5-Triaza-7-phosphaadamantane (PTA) Ligand. *European Journal of Inorganic Chemistry*, **2007**, 2007, 2686-2692 | 2.3 | 61 |
| 6 | 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. *Inorganic Chemistry*, **2003**, 42, 3318-22 | 5.1 | 57 |
| 5 | Structural, spectroscopic and catalytic properties of water-soluble hydride rhodium complexes [RhH(Rtpa+I)4]H2O (R=Me, Et). *Inorganica Chimica Acta*, **1999**, 293, 110-114 | 2.7 | 21 |
| 4 | 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 |
| 3 | Rhodium(I) acetylacetonato complexes with functionalized phosphines. *Journal of Organometallic Chemistry*, **1998**, 570, 63-69 | 2.3 | 57 |

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| 2 | 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 | 28 |
| 1 | Orthometalation of Tris(3-sodium sulfonatophenyl)phosphine with Dirhodium(II) Acetate. *Organometallics*, **1998**, 17, 3684-3689 | 3.8 | 13 |