Piotr Smolenski

List of Publications by Year
in descending order

55 papers	1,908 citations	201385 27 h-index	253896 43 g-index
55 all docs	55 docs citations	55 times ranked	1681 citing authors

#	Article	IF	Citations
1	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, 5886-5894.	1.9	100
2	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.	1.4	95
3	Bioactive Silverâ€“Organic Networks Assembled from 1,3,5-Triaza-7-phosphaadamantane and Flexible Cyclohexanecarboxylate Blocks. Inorganic Chemistry, 2016, 55, 1486-1496.	1.9	95
4	New silver BioMOFs driven by 1,3,5-triaza-7-phosphaadamantane-7-sulfide (PTAî€S): synthesis, topological analysis and antimicrobial activity. CrystEngComm, 2013, 15, 8060.	1.3	88
5	A novel 2D coordination network built from hexacopper(<scp>i</scp>)-iodide clusters and cagelike aminophosphine blocks for reversible â€œturn-onâ€•sensing of aniline. Journal of Materials Chemistry C, 2018, 6, 1670-1678.	2.7	85
6	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.	1.6	80
7	Synthesis, Antimicrobial and Antiproliferative Activity of Novel Silver(I) Tris(pyrazolyl)methanesulfonate and 1,3,5-Triaza-7-phosphadamantane Complexes. Inorganic Chemistry, 2011, 50, 11173-11183.	1.9	77
8	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, 10158-10168.	1.9	71
9	Engineering Coordination and Supramolecular Copperâ”Organic Networks by Aqueous Medium Self-Assembly with 1,3,5-Triaza-7-phosphaadamantane (PTA). Crystal Growth and Design, 2009, 9, 3006-3010.	1.4	66
10	The First Copper Complexes Bearing the 1,3,5-Triaza-7-phosphaadamantane (PTA) Ligand. European Journal of Inorganic Chemistry, 2007, 2007, 2686-2692.	1.0	62
11	Rhodium(I) acetylacetonato complexes with functionalized phosphines. Journal of Organometallic Chemistry, 1998, 570, 63-69.	0.8	61
12	New Rhodium(III) and Ruthenium(II) Water-Soluble Complexes with 3,5-Diaza-1-methyl-1-azonia-7-phosphatricyclo[3.3.1.13,7]decane. Inorganic Chemistry, 2003, 42, 3318-3322.	1.9	59
13	Oxorhenium Complexes Bearing the Water-Soluble Tris(pyrazol-1-yl)methanesulfonate, 1,3,5-Triaza-7-phosphaadamantane, or Related Ligands, as Catalysts for Baeyerâ€“Villiger Oxidation of Ketones. Inorganic Chemistry, 2013, 52, 4534-4546.	1.9	51
14	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, 434-440.	1.9	47
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.	1.6	45
16	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.	1.7	44
17	Unprecedented Metal-Free C(sp3)â”C(sp3) Bond Cleavage: Switching from N-Alkyl- to N-Methyl-1,3,5-triaza-7-phosphaadamantane. Organometallics, 2009, 28, 1683-1687.	1.1	43
18	Antiviral, Antibacterial, Antifungal, and Cytotoxic Silver(I) BioMOF Assembled from 1,3,5-Triaza-7-Phoshaadamantane and Pyromellitic Acid. Molecules, 2020, 25, 2119.	1.7	42

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19	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, 2922-2924.	1.9	40
20	Hydrosoluble Cu(<scp>i</scp>)-DAPTA complexes: synthesis, characterization, luminescence thermochromism and catalytic activity for microwave-assisted three-component azideâ€“alkyne cycloaddition click reaction. Dalton Transactions, 2018, 47, 7290-7299.	1.6	40
21	Cobalt and Zinc Compounds Bearing 1,10â€Phenanthrolineâ€5,6â€dione or 1,3,5â€Triazaâ€7â€phosphaadamantane Derivatives â€“ Synthesis, Characterization, Cytotoxicity, and Cell Selectivity Studies. European Journal of Inorganic Chemistry, 2013, 2013, 3651-3658.	1.0	39
22	From Sunscreen to Anticancer Agent: Ruthenium(II) Arene Avobenzone Complexes Display Potent Anticancer Activity. Organometallics, 2016, 35, 3734-3742.	1.1	38
23	Water-soluble and stable dinitrogen phosphine complexes trans-[ReCl(N₂)(PTA-H)_n(PTA)_{4â^'n}]ⁿ⁺ (n = 0â€“4), the first with 1,3,5-triaza-7-phosphaadamantane. Dalton Transactions, 2008, , 87-91.	1.6	36
24	Copper(I) Iodide Complexes Derived fromN-Alkyl-1,3,5-triaza-7-phosphaadamantanes: Synthesis, Crystal Structures, Photoluminescence, and Identification of the Unprecedented {Cu₃I₅}^{2â^'}Cluster. Organometallics, 2009, 28, 6425-6431.	1.1	31
25	Molybdenum Complexes Bearing the Tris(1â€pyrazolyl)methanesulfonate Ligand: Synthesis, Characterization and Electrochemical Behaviour. European Journal of Inorganic Chemistry, 2010, 2010, 2415-2424.	1.0	31
26	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.	1.4	30
27	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.	1.4	29
28	Crystal engineering with 1,3,5-triaza-7-phosphaadamantane (PTA): first PTA-driven 3D metalâ€“organic frameworks. CrystEngComm, 2011, 13, 6329.	1.3	27
29	Microwave synthesis of bis(tetrazolato)-PdII complexes with PPh3 and water-soluble 1,3,5-triaza-7-phosphaadamantane (PTA). The first example of Câ€“CN bond cleavage of propionitrile by a PdII Centre. Journal of Organometallic Chemistry, 2011, 696, 3513-3520.	0.8	25
30	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.	0.8	24
31	Structural, spectroscopic and catalytic properties of water-soluble hydride rhodium complexes [RhH(Rtpa+Iâ^')4]H2O (R=Me, Et). Inorganica Chimica Acta, 1999, 293, 110-114.	1.2	23
32	Dicationic Ruthenium(II)â€“Areneâ€“Curcumin Complexes Containing Methylated 1,3,5â€Triazaâ€7â€phosphaadamantane: Synthesis, Structure, and Cytotoxicity. European Journal of Inorganic Chemistry, 2017, 2017, 2905-2910.	1.0	23
33	Copper(II) and Sodium(I) Complexes based on 3,7â€Diacetylâ€1,3,7â€triazaâ€5â€phosphabicyclo[3.3.1]nonaneâ€5â€oxide: Synthesis, Characterization, and Catalytic Activity. Chemistry - an Asian Journal, 2018, 13, 2868-2880.	1.7	22
34	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.	1.1	20
35	Self-Assembly and Multifaceted Bioactivity of a Silver(I) Quinolinate Coordination Polymer. Inorganic Chemistry, 2021, 60, 15435-15444.	1.9	18
36	Ru(<scp>ii</scp>)-(PTA) and -mPTA complexes with N₂-donor ligands bipyridyl and phenanthroline and their antiproliferative activities on human multiple myeloma cell lines. Dalton Transactions, 2017, 46, 10073-10081.	1.6	17

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37	Unique Copperâ€“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.	1.4	17
38	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 ofN-Methyl-1,3,5-triaza-7-phosphaadamantane with Tetrahalozinc [PTA-Me]2Â[ZnI2X2] (X = I, Cl). European Journal of Inorganic Chemistry, 2009, 2009, 1181-1186.	1.0	14
39	Orthometalation of Tris(3-sodium sulfonatophenyl)phosphine with Dirhodium(II) Acetate. Organometallics, 1998, 17, 3684-3689.	1.1	13
40	Synthesis, characterization and molecular structures of the hybrid organicâ€“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.	1.2	13
41	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=2,2â€²-bipyridine;) Tj ETQq1 1 0.784314 rgB 1561-1566.	1.0	13
42	Light-stable polypyridine silver(i) complexes of 1,3,5-triaza-7-phosphaadamantane (PTA) and 1,3,5-triaza-7-phosphaadamantane-7-sulfide (PTAî€S): significant antiproliferative activity of representative examples in aqueous media. Dalton Transactions, 2019, 48, 11235-11249.	1.6	13
43	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.	1.6	12
44	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, 741.	1.7	12
45	Water-Soluble O-, S- and Se-Functionalized Cyclic Acetyl-triaza-phosphines. Synthesis, Characterization and Application in Catalytic Azide-alkyne Cycloaddition. Molecules, 2020, 25, 5479.	1.7	11
46	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.	0.8	10
47	Reactivity of bulky tris(phenylpyrazolyl)methanesulfonate copper(I) complexes towards small unsaturated molecules. Journal of Organometallic Chemistry, 2012, 714, 47-52.	0.8	10
48	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, 378, 342-346.	1.2	9
49	New Microbe Killers: Self-Assembled Silver(I) Coordination Polymers Driven by a Cagelike Aminophosphine. Materials, 2019, 12, 3353.	1.3	7
50	Pentafluorophenyl Platinum(II) Complexes of PTA and its N-Allyl and N-Benzyl Derivatives: Synthesis, Characterization and Biological Activity. Materials, 2019, 12, 3907.	1.3	7
51	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.	1.9	7
52	1-Methyl-1-azonia-3,5-diaza-7-phosphatricyclo[3.3.1.1^{3,7}]decane tetrafluoroborate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o556-o556.	0.2	6
53	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.	1.2	4
54	Three-dimensional hydrogen-bonded supramolecular assembly in tetrakis(1,3,5-triaza-7-phosphaadamantane)copper(I) chloride hexahydrate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m603-m604.	0.2	4

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55	1-Methyl-1-azonia-3,5-diaza-7-phosphatricyclo[3.3.1.1]decane 7-oxide triiodide. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o496-o497.	0.2	2