

Yauhen Y Karabach

List of Publications by Year in descending order

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1159
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#	ARTICLE	IF	CITATIONS
1	Supramolecular Assemblies of Trinuclear Triangular Copper(II) Secondary Building Units through Hydrogen Bonds. Generation of Different Metal-Organic Frameworks, Valuable Catalysts for Peroxidative Oxidation of Alkanes. <i>Inorganic Chemistry</i> , 2007, 46, 221-230.	4.0	188
2	An Aqua-Soluble Copper(II)-Sodium Two-Dimensional Coordination Polymer with Intercalated Infinite Chains of Decameric Water Clusters. <i>Crystal Growth and Design</i> , 2006, 6, 2200-2203.	3.0	118
3	Self-Assembled Copper(II) Coordination Polymers Derived from Aminopolyalcohols and Benzenepolycarboxylates: Structural and Magnetic Properties. <i>Inorganic Chemistry</i> , 2008, 47, 162-175.	4.0	113
4	Copper(II) coordination polymers derived from triethanolamine and pyromellitic acid for bioinspired mild peroxidative oxidation of cyclohexane. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1190-1194.	3.5	98
5	<i>ortho</i> -Hydroxyphenylhydrazo-1,2-Diketones: Tautomerism, Coordination Ability, and Catalytic Activity of Their Copper(II) Complexes toward Oxidation of Cyclohexane and Benzylic Alcohols. <i>Inorganic Chemistry</i> , 2011, 50, 918-931.	4.0	89
6	New coordination polymers based on the triangular $[Cu_3(\mu_3-OH)(\mu_4-pz)_3]^{2+}$ unit and unsaturated carboxylates. <i>Dalton Transactions</i> , 2009, , 4928.	3.3	86
7	Mild aerobic oxidation of benzyl alcohols to benzaldehydes in water catalyzed by aqua-soluble multicopper(II) triethanolamine compounds. <i>Journal of Molecular Catalysis A</i> , 2009, 305, 178-182.	4.8	84
8	Trinuclear Triangular Copper(II) Clusters – Synthesis, Electrochemical Studies and Catalytic Peroxidative Oxidation of Cycloalkanes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 666-676.	2.0	81
9	Topologically Unique 2D Heterometallic Cu^{II}/Mg Coordination Polymer: Synthesis, Structural Features, and Catalytic Use in Alkane Hydrocarboxylation. <i>Crystal Growth and Design</i> , 2012, 12, 1069-1074.	3.0	81
10	New copper(II) dimer with 3-(2-hydroxy-4-nitrophenylhydrazo)pentane-2,4-dione and its catalytic activity in cyclohexane and benzyl alcohol oxidations. <i>Journal of Molecular Catalysis A</i> , 2010, 318, 44-50.	4.8	79
11	Self-Assembled 3D Heterometallic Cu^{II}/Fe^{II} Coordination Polymers with Octahedral Net Skeletons: Structural Features, Molecular Magnetism, Thermal and Oxidation Catalytic Properties. <i>Inorganic Chemistry</i> , 2010, 49, 11096-11105.	4.0	74
12	Multicopper(II) Pyromellitate Compounds: Self-Assembly Synthesis, Structural Topologies, and Magnetic Features. <i>Crystal Growth and Design</i> , 2008, 8, 4100-4108.	3.0	70
13	Alkoxy-1,3,5-triazapentadien(e)ato Copper(II) Complexes: Template Formation and Applications for the Preparation of Pyrimidines and as Catalysts for Oxidation of Alcohols to Carbonyl Products. <i>Chemistry - A European Journal</i> , 2012, 18, 899-914.	3.3	54
14	Heterometallic Copper(II)-Potassium 3D Coordination Polymers Driven by Multifunctionalized Azo Derivatives of 1,2-Diketones. <i>Crystal Growth and Design</i> , 2011, 11, 4247-4252.	3.0	47
15	New diamondoid-like $[Cu_3B(\mu_4-O)_6]$ core self-assembled from Bis-Tris biobuffer for mild hydrocarboxylation of alkanes to carboxylic acids. <i>Dalton Transactions</i> , 2011, 40, 6378.	3.3	25
16	Nickel(η^2)-2-amino-4-alkoxy-1,3,5-triazapentadienate complexes as catalysts for Heck and Henry reactions. <i>RSC Advances</i> , 2016, 6, 29159-29163.	3.6	18
17	Expanding the family of substituted-at-core nickel(II) phthalocyanines. <i>Inorganica Chimica Acta</i> , 2017, 455, 696-700.	2.4	5