

Armando J.L. Pombeiro

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Homogeneous oxidation of C-H bonds with <i>m</i> -CPBA catalysed by a Co/Fe system: mechanistic insights from the point of view of the oxidant. <i>Catalysis Science and Technology</i> , 2022, 12, 282-299.	2.1	7
2	Urea and thiourea based coordination polymers and metal-organic frameworks: Synthesis, structure and applications. <i>Coordination Chemistry Reviews</i> , 2022, 453, 214314.	9.5	24
3	Halogen bonding in cadmium(II) MOFs: its influence on the structure and on the nitroaldol reaction in aqueous medium. <i>Dalton Transactions</i> , 2022, 51, 1019-1031.	1.6	22
4	Water-soluble Al(III), Fe(III) and Cu(II) formazanates: synthesis, structure, and applications in alkane and alcohol oxidations. <i>New Journal of Chemistry</i> , 2022, 46, 5002-5011.	1.4	7
5	Diastereomeric dinickel(II) complexes with non-innocent bis(octaazamacrocyclic) ligands: isomerization, spectroelectrochemistry, DFT calculations and use in catalytic oxidation of cyclohexane. <i>Dalton Transactions</i> , 2022, 51, 5151-5167.	1.6	5
6	C-Heterogenized Re Nanoparticles as Effective Catalysts for the Reduction of 4-Nitrophenol and Oxidation of 1-Phenylethanol. <i>Catalysts</i> , 2022, 12, 285.	1.6	2
7	Highly Efficient Adsorptive Removal of Organic Dyes from Aqueous Solutions Using Polyaromatic Group-Containing Zn(II)-Based Coordination Polymers. <i>Crystal Growth and Design</i> , 2022, 22, 2248-2265.	1.4	24
8	Polyaromatic Carboxylate Ligands Based Zn(II) Coordination Polymers for Ultrasound-Assisted One-Pot Tandem Deacetalization-Knoevenagel Reactions. <i>Catalysts</i> , 2022, 12, 294.	1.6	4
9	Heterogeneous Gold Nanoparticle-Based Catalysts for the Synthesis of Click-Derived Triazoles via the Azide-Alkyne Cycloaddition Reaction. <i>Catalysts</i> , 2022, 12, 45.	1.6	12
10	M ^{II} ·Â·Â·Cl Interaction Supported Heterometallic {Ni ^{II} Sn ^{II} }{Sn ^{IV} } and {Ni ^{II} Sn ^{II} }{Sn ^{II} } Complex Salts: Possibility of Ion-Pair-Assisted Tetrel Bonds. <i>Crystal Growth and Design</i> , 2022, 22, 341-355.	1.4	3
11	Ultrasound and photo-assisted oxidation of toluene and benzyl alcohol with oxidovanadium(V) complexes. <i>Applied Catalysis A: General</i> , 2022, 638, 118623.	2.2	7
12	Chalcogen bonding in coordination chemistry. <i>Coordination Chemistry Reviews</i> , 2022, 464, 214556.	9.5	61
13	Chalcogen and Hydrogen Bonds at the Periphery of Arylhydrazone Metal Complexes. <i>Crystal Growth and Design</i> , 2022, 22, 3932-3940.	1.4	12
14	Knoevenagel condensation reaction in supercritical carbon dioxide medium using a Zn(II) coordination polymer as catalyst. <i>Inorganica Chimica Acta</i> , 2022, 538, 120981.	1.2	9
15	Benzimidazole Schiff base copper(II) complexes as catalysts for environmental and energy applications: VOC oxidation, oxygen reduction and water splitting reactions. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 23175-23190.	3.8	8
16	Vanadium(V) complexes supported on porous MIL-100(Fe) as catalysts for the selective oxidation of toluene. <i>Microporous and Mesoporous Materials</i> , 2022, 341, 112091.	2.2	4
17	3,7-Diacetyl-1,3,7-triaza-5-phosphabicyclo[3.3.1]nonane (DAPTA) and derivatives: Coordination chemistry and applications. <i>Coordination Chemistry Reviews</i> , 2021, 429, 213614.	9.5	14
18	Catalytic effect of different hydroxyl-functionalised ionic liquids together with Zn(II) complex in the synthesis of cyclic carbonates from CO ₂ . <i>Molecular Catalysis</i> , 2021, 499, 111292.	1.0	4

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19	Microwave-assisted synthesis of fluoroorganics. , 2021, , 415-488.		2
20	Influence of anchoring moieties on new benzimidazole-based Schiff base copper(<i>II</i>) complexes towards estrogen dependent breast cancer cells. Dalton Transactions, 2021, 50, 3701-3716.	1.6	22
21	A new amido-phosphane as ligand for copper and silver complexes. Synthesis, characterization and catalytic application for azide-alkyne cycloaddition in glycerol. Dalton Transactions, 2021, 50, 6109-6125.	1.6	10
22	The Catalytic Activity of Carbon-Supported Cu(<i>I</i>)-Phosphine Complexes for the Microwave-Assisted Synthesis of 1,2,3-Triazoles. Catalysts, 2021, 11, 185.	1.6	17
23	Role of Halogen Substituents on Halogen Bonding in 4,5-DiBromo-3a,6-Epoxyisoindol-1(4H)-ones. Crystals, 2021, 11, 112.	1.0	10
24	1D Zn(<i>II</i>) Coordination Polymers as Effective Heterogeneous Catalysts in Microwave-Assisted Single-Pot Deacetalization-Knoevenagel Tandem Reactions in Solvent-Free Conditions. Catalysts, 2021, 11, 90.	1.6	13
25	A novel <i>VO</i> -vanillin Fe(<i>III</i>) complex catalytically active in C-H oxidation: exploring the magnetic exchange interactions and spectroscopic properties with different DFT functionals. Dalton Transactions, 2021, 50, 14782-14796.	1.6	5
26	Pyrene Carboxylate Ligand Based Coordination Polymers for Microwave-Assisted Solvent-Free Cyanosilylation of Aldehydes. Molecules, 2021, 26, 1101.	1.7	8
27	A Mixed Valence CoI/CoII ₂ Field-Supported Single Molecule Magnet: Solvent-Dependent Structural Variation. Molecules, 2021, 26, 1060.	1.7	4
28	Recent developments in molecular sensor designs for inorganic pyrophosphate detection and biological imaging. Coordination Chemistry Reviews, 2021, 431, 213744.	9.5	40
29	Non-Covalent Interactions in Enantioselective Organocatalysis: Theoretical and Mechanistic Studies of Reactions Mediated by Dual H-Bond Donors, Bifunctional Squaramides, Thioureas and Related Catalysts. Catalysts, 2021, 11, 569.	1.6	29
30	Immobilization of Rh(<i>I</i>)-N-Xantphos and Fe(<i>II</i>)-C-Scorpionate onto Magnetic Nanoparticles: Reusable Catalytic System for Sequential Hydroformylation/Acetalization. Catalysts, 2021, 11, 608.	1.6	6
31	Catalytic oxidation of a model volatile organic compound (toluene) with tetranuclear Cu(<i>II</i>) complexes. Inorganica Chimica Acta, 2021, 520, 120314.	1.2	8
32	Oxido- and Dioxido-Vanadium(<i>V</i>) Complexes Supported on Carbon Materials: Reusable Catalysts for the Oxidation of Cyclohexane. Nanomaterials, 2021, 11, 1456.	1.9	7
33	Recent Developments in Enantioselective Organocatalytic Cascade Reactions for the Construction of Halogenated Ring Systems. European Journal of Organic Chemistry, 2021, 2021, 3938-3969.	1.2	18
34	A benzimidazole-based new fluorogenic differential/sequential chemosensor for Cu ²⁺ , Zn ²⁺ , CN ⁻ , P2O7 ⁴⁻ , DNA, its live-cell imaging and pyrosequencing applications. Sensors and Actuators B: Chemical, 2021, 337, 129785.	4.0	31
35	Vanadium C-scorpionate supported on mesoporous apts-functionalized SBA-15 as catalyst for the peroxidative oxidation of benzyl alcohol. Microporous and Mesoporous Materials, 2021, 320, 111111.	2.2	7
36	Peroxides in metal complex catalysis. Coordination Chemistry Reviews, 2021, 437, 213859.	9.5	41

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37	Water oxidation with transition metal catalysts with non-innocent ligands and its mechanisms. <i>Coordination Chemistry Reviews</i> , 2021, 439, 213911.	9.5	27
38	Naphthalimide-phenanthroimidazole incorporated new fluorescent sensor for Cu^{2+} detection in living cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2021, 220, 111466.	1.5	16
39	A Bio-Based Alginate Aerogel as an Ionic Liquid Support for the Efficient Synthesis of Cyclic Carbonates from CO_2 and Epoxides. <i>Catalysts</i> , 2021, 11, 872.	1.6	7
40	Metal-free and iron(II)-assisted oxidation of cyclohexane to adipic acid with ozone: A theoretical mechanistic study. <i>Journal of Catalysis</i> , 2021, 399, 52-66.	3.1	17
41	Alkoxo bridged heterobimetallic $\text{Co}^{\text{III}}\text{Sn}^{\text{IV}}$ compounds with face shared coordination octahedra: Synthesis, crystal structure and cyanosilylation catalysis. <i>Journal of Organometallic Chemistry</i> , 2021, 949, 121949.	0.8	1
42	Noncovalent Interactions at Lanthanide Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 14370-14389.	1.7	19
43	Platinum and palladium complexes with tetrazole ligands: Synthesis, structure and applications. <i>Coordination Chemistry Reviews</i> , 2021, 446, 214132.	9.5	28
44	Spectroelectrochemical Properties and Catalytic Activity in Cyclohexane Oxidation of the Hybrid Zr/Hf -Phthalocyaninate-Capped Nickel(II) and Iron(II) tris-Pyridineoximates and Their Precursors. <i>Molecules</i> , 2021, 26, 336.	1.7	5
45	Synthesis of a Novel Series of $\text{Cu}(\text{I})$ Complexes Bearing Alkylated 1,3,5-Triaza-7-phosphaadamantane as Homogeneous and Carbon-Supported Catalysts for the Synthesis of 1- and 2-Substituted-1,2,3-triazoles. <i>Nanomaterials</i> , 2021, 11, 2702.	1.9	15
46	Frontispiece: Noncovalent Interactions at Lanthanide Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, .	1.7	0
47	Application of molybdenum complexes for the oxidation of cyclohexane in acetonitrile, ionic liquid and supercritical CO_2 media, a comparative study. <i>Molecular Catalysis</i> , 2020, 482, 100356.	1.0	15
48	Solvent-free oxidation of 1-phenylethanol catalysed by gold nanoparticles supported on carbon powder materials. <i>Catalysis Today</i> , 2020, 357, 22-31.	2.2	7
49	Commercial gold(III) complex supported on functionalized carbon materials as catalyst for cyclohexane hydrocarboxylation. <i>Catalysis Today</i> , 2020, 357, 39-45.	2.2	5
50	The role of nanoporous carbon materials in catalytic cyclohexane oxidation. <i>Catalysis Today</i> , 2020, 357, 46-55.	2.2	18
51	Well-defined nickel(II) tetrazole-saccharinate complex as homogeneous catalyst on the reduction of aldehydes: scope and reaction mechanism. <i>Pure and Applied Chemistry</i> , 2020, 92, 151-166.	0.9	6
52	ZnO nanoparticles: An efficient catalyst for transesterification reaction of α -keto carboxylic esters. <i>Catalysis Today</i> , 2020, 348, 72-79.	2.2	11
53	Role of substituents on resonance assisted hydrogen bonding <i>vs.</i> intermolecular hydrogen bonding. <i>CrystEngComm</i> , 2020, 22, 628-633.	1.3	45
54	New members of the polynuclear manganese family: $\text{Mn}^{\text{II}}\text{Mn}^{\text{III}}_2$ single-molecule magnets and $\text{Mn}^{\text{III}}\text{Mn}^{\text{III}}_8$ antiferromagnetic complexes. Synthesis and magnetostructural correlations. <i>Dalton Transactions</i> , 2020, 49, 13970-13985.	1.6	6

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55	Fe@Hierarchical BEA Zeolite Catalyst for MW-Assisted Alcohol Oxidation Reaction: A Greener Approach. <i>Catalysts</i> , 2020, 10, 1029.	1.6	5
56	Solvent-free oxidation of benzyl alcohols catalysed by a tetrazole-saccharinate Zn(II) complex under microwave radiation: The role of the ligand and the reaction mechanism. <i>Journal of Molecular Structure</i> , 2020, 1222, 128831.	1.8	14
57	C-scorpionate Au(III) complexes as pre-catalysts for industrially significant toluene oxidation and benzaldehyde esterification reactions. <i>Inorganica Chimica Acta</i> , 2020, 512, 119881.	1.2	9
58	Nickel(II), Copper(II) and Palladium(II) Complexes with Bis-Semicarbazide Hexaazamacrocycles: Redox-Noninnocent Behavior and Catalytic Activity in Oxidation and C–C Coupling Reactions. <i>Inorganic Chemistry</i> , 2020, 59, 10650-10664.	1.9	5
59	Mechanochemical and Conventional Synthesis of Copper(II) Coordination Polymers Bearing Arylhydrazone of Acetoacetanilide and Their Catalytic Activity in Conversion of Acetone to Acetic Acid. <i>ChemistrySelect</i> , 2020, 5, 7923-7927.	0.7	7
60	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, 5479.	1.7	11
61	Mechanochemical Preparation of Pd(II) and Pt(II) Composites with Carbonaceous Materials and Their Application in the Suzuki-Miyaura Reaction at Several Energy Inputs. <i>Molecules</i> , 2020, 25, 2951.	1.7	5
62	N-Formylation of amines using arylhydrazones of malononitrile and a Cu(II) complex under eco-friendly conditions at room temperature. <i>Inorganica Chimica Acta</i> , 2020, 513, 119938.	1.2	3
63	TEMPO in metal complex catalysis. <i>Coordination Chemistry Reviews</i> , 2020, 423, 213482.	9.5	59
64	Versatility of Amide-Functionalized Co(II) and Ni(II) Coordination Polymers: From Thermochromic-Triggered Structural Transformations to Supercapacitors and Electrocatalysts for Water Splitting. <i>Inorganic Chemistry</i> , 2020, 59, 16301-16318.	1.9	19
65	Equilibria in Aqueous Cobalt(II)-Reduced Schiff Base N-(2-hydroxybenzyl)alanine System: Chemical Characterization, Kinetic Analysis, Antimicrobial and Cytotoxic Properties. <i>Molecules</i> , 2020, 25, 3462.	1.7	8
66	A mechanistic insight into the rapid and selective removal of Congo Red by an amide functionalised Zn(ii) coordination polymer. <i>Dalton Transactions</i> , 2020, 49, 12970-12984.	1.6	12
67	Electrochemical asymmetric synthesis of biologically active substances. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7026-7055.	1.5	19
68	Novel H-Bonded Synthons in Copper Supramolecular Frameworks with Aminoethylpiperazine-Based Ligands. Synthesis, Structure and Catalytic Activity. <i>Materials</i> , 2020, 13, 5435.	1.3	8
69	Fe(III) Complexes in Cyclohexane Oxidation: Comparison of Catalytic Activities under Different Energy Stimuli. <i>Catalysts</i> , 2020, 10, 1175.	1.6	4
70	Green synthesis of zinc oxide particles with apple-derived compounds and their application as catalysts in the transesterification of methyl benzoates. <i>Dalton Transactions</i> , 2020, 49, 6488-6494.	1.6	7
71	Synthesis and catalytic activities of a Zn-based metallomacrocycle and a metal-organic framework towards one-pot deacetalization-Knoevenagel tandem reactions under different strategies: a comparative study. <i>Dalton Transactions</i> , 2020, 49, 8075-8085.	1.6	26
72	Cd coordination compounds as heterogeneous catalysts for microwave-assisted peroxidative oxidation of toluene and 1-phenylethanol. <i>New Journal of Chemistry</i> , 2020, 44, 9163-9171.	1.4	18

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73	New Trends in Enantioselective Cross-Dehydrogenative Coupling. <i>Catalysts</i> , 2020, 10, 529.	1.6	23
74	Resonance Assisted Chalcogen Bonding as a New Synthone in the Design of Dyes. <i>Chemistry - A European Journal</i> , 2020, 26, 14833-14837.	1.7	48
75	Zn(II)-to-Cu(II) Transmetalation in an Amide Functionalized Complex and Catalytic Applications in Styrene Oxidation and Nitroaldol Coupling. <i>Molecules</i> , 2020, 25, 2644.	1.7	9
76	1D Copper(II)-Aroylhydrazone Coordination Polymers: Magnetic Properties and Microwave Assisted Oxidation of a Secondary Alcohol. <i>Frontiers in Chemistry</i> , 2020, 8, 157.	1.8	21
77	Phenoxazinone synthase-like catalytic activity of novel mono- and tetranuclear copper(μ_2) complexes with 2-benzylaminoethanol. <i>Dalton Transactions</i> , 2020, 49, 4710-4724.	1.6	22
78	Multinuclear Zn(II)-arylhyazone complexes as catalysts for cyanosilylation of aldehydes. <i>Journal of Organometallic Chemistry</i> , 2020, 912, 121171.	0.8	12
79	Ultrasound and Radiation-Induced Catalytic Oxidation of 1-Phenylethanol to Acetophenone with Iron-Containing Particulate Catalysts. <i>Molecules</i> , 2020, 25, 740.	1.7	5
80	Biological Evaluation of Azo- and Imino-Based Carboxylate Triphenyltin(IV) Compounds. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 930-941.	1.0	7
81	Supported Gold Nanoparticles as Catalysts in Peroxidative and Aerobic Oxidation of 1-Phenylethanol under Mild Conditions. <i>Nanomaterials</i> , 2020, 10, 151.	1.9	7
82	The Stereoselective Nitro-Mannich Reaction in the Synthesis of Active Pharmaceutical Ingredients and Other Biologically Active Compounds. <i>Frontiers in Chemistry</i> , 2020, 8, 30.	1.8	18
83	Synthesis, Structures, Electrochemistry, and Catalytic Activity towards Cyclohexanol Oxidation of Mono-, Di-, and Polynuclear Iron(III) Complexes with 3-Amino-2-Pyrazinecarboxylate. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2692.	1.3	3
84	Aroylhydrazone Schiff Base Derived Cu(II) and V(V) Complexes: Efficient Catalysts towards Neat Microwave-Assisted Oxidation of Alcohols. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2832.	1.8	16
85	Recent developments in vanadium-catalyzed olefin coordination polymerization. <i>Coordination Chemistry Reviews</i> , 2020, 416, 213332.	9.5	54
86	Environmentally benign benzyl alcohol oxidation and C-C coupling catalysed by amide functionalized 3D Co(II) and Zn(II) metal organic frameworks. <i>Journal of Catalysis</i> , 2020, 385, 324-337.	3.1	59
87	Pnictogen bonding in coordination chemistry. <i>Coordination Chemistry Reviews</i> , 2020, 418, 213381.	9.5	110
88	Transition Metal-Based Prodrugs for Anticancer Drug Delivery. <i>Current Medicinal Chemistry</i> , 2020, 26, 7476-7519.	1.2	11
89	Noncovalent Interactions. <i>Chemistry International</i> , 2020, 42, 37-40.	0.3	0
90	1st International Conference on Noncovalent Interactions. <i>New Journal of Chemistry</i> , 2019, 43, 13312-13314.	1.4	5

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91	Nickel(II) Complexes with Redox Noninnocent Octaazamacrocycles as Catalysts in Oxidation Reactions. <i>Inorganic Chemistry</i> , 2019, 58, 11133-11145.	1.9	16
92	Ni(II)-Aroylhydrazone Complexes as Catalyst Precursors Towards Efficient Solvent-Free Nitroaldol Condensation Reaction. <i>Catalysts</i> , 2019, 9, 554.	1.6	12
93	Cu(II) complexes of N-rich aroylhydrazone: magnetism and catalytic activity towards microwave-assisted oxidation of xylenes. <i>Dalton Transactions</i> , 2019, 48, 12839-12849.	1.6	19
94	Structural characterization and biological properties of silver(I) tris(pyrazolyl)methane sulfonate. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110789.	1.5	11
95	Noncovalent interactions in the design of bis-azo dyes. <i>CrystEngComm</i> , 2019, 21, 5032-5038.	1.3	39
96	Hydrosoluble Complexes Bearing Tris(pyrazolyl)methane Sulfonate Ligand: Synthesis, Characterization and Catalytic Activity for Henry Reaction. <i>Catalysts</i> , 2019, 9, 611.	1.6	8
97	New Microbe Killers: Self-Assembled Silver(I) Coordination Polymers Driven by a Cage-like Aminophosphine. <i>Materials</i> , 2019, 12, 3353.	1.3	7
98	Highly Efficient Bifunctional Amide Functionalized Zn and Cd Metal Organic Frameworks for One-Pot Cascade Deacetalization-Knoevenagel Reactions. <i>Frontiers in Chemistry</i> , 2019, 7, 699.	1.8	18
99	Nitrogen ligands. <i>Dalton Transactions</i> , 2019, 48, 13904-13906.	1.6	7
100	Antiproliferative activity of heterometallic sodium and potassium-dioxidovanadium(V) polymers. <i>Journal of Inorganic Biochemistry</i> , 2019, 200, 110811.	1.5	15
101	Arylhydrazone ligands as Cu-protectors and -catalysis promoters in the azide-alkyne cycloaddition reaction. <i>Dalton Transactions</i> , 2019, 48, 1774-1785.	1.6	24
102	New palladium(II) complexes with 3-(2-pyridyl)-5-alkyl-1,2,4-triazole ligands as recyclable C-C coupling catalysts. <i>New Journal of Chemistry</i> , 2019, 43, 10973-10984.	1.4	14
103	Recent advances in amide functionalized metal organic frameworks for heterogeneous catalytic applications. <i>Coordination Chemistry Reviews</i> , 2019, 395, 86-129.	9.5	80
104	A copper-amidocarboxylate based metal organic macrocycle and framework: synthesis, structure and catalytic activities towards microwave assisted alcohol oxidation and Knoevenagel reactions. <i>New Journal of Chemistry</i> , 2019, 43, 9843-9854.	1.4	16
105	Synthesis and Structure of Copper Complexes of a N6O4 Macrocyclic Ligand and Catalytic Application in Alcohol Oxidation. <i>Catalysts</i> , 2019, 9, 424.	1.6	15
106	Distinctive coordination behavior of a pyrazole imine-oxime compound towards Co(II) and Ni(II). <i>Heliyon</i> , 2019, 5, e01623.	1.4	1
107	Cyanosilylation of Aldehydes Catalyzed by Ag(I)- and Cu(II)-Arylhydrazone Coordination Polymers in Conventional and in Ionic Liquid Media. <i>Catalysts</i> , 2019, 9, 284.	1.6	12
108	Syntheses, Structures, and Catalytic Hydrocarbon Oxidation Properties of N-Heterocycle-Sulfonated Schiff Base Copper(II) Complexes. <i>Inorganics</i> , 2019, 7, 17.	1.2	10

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109	Heterometallic CoII/ZnII Schiff Base Catalyst for Mild Hydroxylation of C(sp ³)-H Bonds of Unactivated Alkanes: Evidence for Dual Mechanism Controlled by the Promoter. <i>Catalysts</i> , 2019, 9, 209.	1.6	13
110	New Oxidovanadium(IV) Complexes with 2,2'-bipyridine and 1,10-phenanthroline Ligands: Synthesis, Structure and High Catalytic Activity in Oxidations of Alkanes and Alcohols with Peroxides. <i>Catalysts</i> , 2019, 9, 217.	1.6	24
111	Green oxidation of cyclohexane catalyzed by recyclable magnetic transition-metal silica coated nanoparticles. <i>Catalysis Communications</i> , 2019, 125, 15-20.	1.6	29
112	Vanadium complexes of different nuclearities in the catalytic oxidation of cyclohexane and cyclohexanol – an experimental and theoretical investigation. <i>New Journal of Chemistry</i> , 2019, 43, 17557-17570.	1.4	25
113	C-scorpionate iron(II) complexes as highly selective catalysts for the hydrocarboxylation of cyclohexane. <i>Inorganica Chimica Acta</i> , 2019, 489, 269-274.	1.2	6
114	Synergistic catalytic action of vanadia-titania composites towards the microwave-assisted benzoin oxidation. <i>Dalton Transactions</i> , 2019, 48, 3198-3203.	1.6	7
115	Cu(II) and Fe(III) Complexes Derived from N-Acetylpyrazine-2-Carbohydrazide as Efficient Catalysts Towards Neat Microwave Assisted Oxidation of Alcohols. <i>Catalysts</i> , 2019, 9, 1053.	1.6	13
116	In Vitro Assessment of Antimicrobial, Antioxidant, and Cytotoxic Properties of Saccharin-Tetrazolyl and Thiadiazolyl Derivatives: The Simple Dependence of the pH Value on Antimicrobial Activity. <i>Pharmaceuticals</i> , 2019, 12, 167.	1.7	13
117	Pentafluorophenyl Platinum(II) Complexes of PTA and its N-Allyl and N-Benzyl Derivatives: Synthesis, Characterization and Biological Activity. <i>Materials</i> , 2019, 12, 3907.	1.3	7
118	Integrated Green Chemical Approach to the Medicinal Plant <i>Carpobrotus edulis</i> Processing. <i>Scientific Reports</i> , 2019, 9, 18171.	1.6	8
119	Catalytic Activity of Polynuclear vs. Dinuclear Aroylhydrazone Cu(II) Complexes in Microwave-Assisted Oxidation of Neat Aliphatic and Aromatic Hydrocarbons. <i>Molecules</i> , 2019, 24, 47.	1.7	27
120	A new Cu(II)-O-Carvacrotinate complex: Synthesis, characterization and biological activity. <i>Journal of Inorganic Biochemistry</i> , 2019, 190, 31-37.	1.5	7
121	Pnicogen and chalcogen bonds in cyclometalated iridium(III) complexes. <i>Inorganica Chimica Acta</i> , 2018, 477, 31-33.	1.2	5
122	Evaluation of cell toxicity and DNA and protein binding of green synthesized silver nanoparticles. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 137-144.	2.5	42
123	In vitro characterization of arylhydrazones of active methylene derivatives. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 430-436.	1.2	3
124	High Catalytic Activity of Vanadium Complexes in Alkane Oxidations with Hydrogen Peroxide: An Effect of 8-Hydroxyquinoline Derivatives as Noninnocent Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 1824-1839.	1.9	51
125	Platinum Complexes with Chelating Acyclic Aminocarbene Ligands Work as Catalysts for Hydrosilylation of Alkynes. <i>ACS Omega</i> , 2018, 3, 863-871.	1.6	35
126	Heterogenized C-scorpionate Iron(II) Complex on Nanostructured Carbon Materials as Recyclable Catalysts for Microwave-Assisted Oxidation Reactions. <i>ChemCatChem</i> , 2018, 10, 1821-1828.	1.8	35

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127	Copper(II) complexes with an arylhydrazone of methyl 2-cyanoacetate as effective catalysts in the microwave-assisted oxidation of cyclohexane. <i>Inorganica Chimica Acta</i> , 2018, 471, 658-663.	1.2	15
128	Tetrel, halogen and hydrogen bonds in bis (4-((E)-1-(2,2-dichloro-1-(4-substitutedphenyl)vinyl)ethynyl)phenyl)ethane derivatives. <i>Inorganica Chimica Acta</i> , 2018, 471, 377-381.	2.0	47
129	Commercial Gold(I) and Gold(III) Compounds Supported on Carbon Materials as Greener Catalysts for the Oxidation of Alkanes and Alcohols. <i>ChemCatChem</i> , 2018, 10, 1804-1813.	1.8	25
130	A tetranuclear diphenyltin(IV) complex and its catalytic activity in the aerobic Baeyer-Villiger oxidation of cyclohexanone. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 193-200.	0.8	14
131	Commercial Gold(I) and Gold(III) Compounds Supported on Carbon Materials as Greener Catalysts for the Oxidation of Alkanes and Alcohols. <i>ChemCatChem</i> , 2018, 10, 1661-1662.	1.8	0
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390	Reactivity of bulky tris(phenylpyrazolyl)methanesulfonate copper(I) complexes towards small unsaturated molecules. <i>Journal of Organometallic Chemistry</i> , 2012, 714, 47-52.	0.8	10
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393	Redox potential parameterization in coordination compounds with polydentate scorpionate and benzene ligands. <i>Electrochimica Acta</i> , 2012, 82, 478-483.	2.6	15
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406	Copper(II)-mediated in-situ hydrolyses of pyrroline N-oxide and benzonitrile leading to a mixed ligand complex. <i>Inorganic Chemistry Communication</i> , 2012, 18, 69-72.	1.8	5
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408	New arylhydrazones of ^{1,2} -diketones and their optical and thermal properties. <i>Journal of Molecular Structure</i> , 2012, 1019, 16-20.	1.8	5
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416	Heterometallic Copper(II)-Potassium 3D Coordination Polymers Driven by Multifunctionalized Azo Derivatives of β -Diketones. <i>Crystal Growth and Design</i> , 2011, 11, 4247-4252.	1.4	47
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431	Tautomeric equilibria of para-bromophenyl substituted arylhydrazones of β -diketones. <i>Journal of Molecular Structure</i> , 2011, 1006, 576-579.	1.8	14
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438	Structural and thermal properties of three cyano-substituted azoderivatives of 1,2-diketones. <i>Journal of Molecular Structure</i> , 2011, 992, 72-76.	1.8	10
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442	PdII-Promoted Single-Pot Template Transformations of Benzonitriles, Cyanoguanidine and Sodium Dicyanamide with the Formation of Symmetrical and Asymmetrical (1,3,5-Triazapentadienate)palladium(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 377-383.	1.0	15
443	A Dianionic Dinickel(II) Complex and Its Oxidised Phenoxyl Radical States. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2791-2796.	1.0	13
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456	Molybdenum Complexes Bearing the Tris(1-pyrazolyl)methanesulfonate Ligand: Synthesis, Characterization and Electrochemical Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2415-2424.	1.0	31
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475	Metal-Mediated [2+3] Cycloaddition of Nitrones to Palladium-Bound Isonitriles. <i>Chemistry - A European Journal</i> , 2009, 15, 5969-5978.	1.7	57
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748	Chemical Society Dalton Transactions, 1995, , 1183-1191.		
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