

Yannick Coppel

List of Publications by Year in descending order

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papers

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citations

94381

37
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133188

59
g-index

150
all docs

150
docs citations

150
times ranked

5772
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Chemistry of InP Quantum Dots: A Comprehensive Study. <i>Journal of the American Chemical Society</i> , 2010, 132, 18147-18157.	6.6	208
2	Iron(II) Binding to Amyloid- β , the Alzheimer's Peptide. <i>Inorganic Chemistry</i> , 2011, 50, 9024-9030.	1.9	177
3	Structural and thermodynamical properties of Cu amyloid- β 16/28 complexes associated with Alzheimer's disease. <i>Journal of Biological Inorganic Chemistry</i> , 2006, 11, 1024-1038.	1.1	130
4	Deprotonation of the Asp115;Ala2 Peptide Bond Induces Modification of the Dynamic Copper(II) Environment in the Amyloid- β Peptide near Physiological pH. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9522-9525.	7.2	118
5	Gold(I) Complexes of Phosphanyl Gallanes: From Interconverting to Separable Coordination Isomers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3454-3457.	7.2	117
6	Importance of dynamical processes in the coordination chemistry and redox conversion of copper amyloid- β complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2009, 14, 995-1000.	1.1	116
7	Alkylation of heme by the antimalarial drug artemisinin. <i>Chemical Communications</i> , 2002, , 414-415.	2.2	110
8	Nanometric Sponges Made of Water-Soluble Hydrophobic Dendrimers. <i>Journal of the American Chemical Society</i> , 2004, 126, 2304-2305.	6.6	104
9	Tailored Control and Optimisation of the Number of Phosphonic Acid Termini on Phosphorus-Containing Dendrimers for the Ex Vivo Activation of Human Monocytes. <i>Chemistry - A European Journal</i> , 2008, 14, 4836-4850.	1.7	102
10	A single-step procedure for the preparation of palladium nanoparticles and a phosphine-functionalized support as catalyst for Suzuki cross-coupling reactions. <i>Journal of Catalysis</i> , 2010, 276, 382-389.	3.1	94
11	Amyloid-Beta Peptide Forms Monomeric Complexes With Cu and Zn Prior to Aggregation. <i>ChemBioChem</i> , 2007, 8, 163-165.	1.3	89
12	Solution Conformation of an Abasic DNA Undecamer Duplex d(CGCACXCACGC)-d(GCGTGTGTGCC): The Unpaired Thymine Stacks Inside the Helix. <i>Biochemistry</i> , 1997, 36, 4817-4830.	1.2	85
13	Octasubstituted Metal-Free Phthalocyanine as Core of Phosphorus Dendrimers: A Probe for the Properties of the Internal Structure. <i>Journal of the American Chemical Society</i> , 2005, 127, 15762-15770.	6.6	84
14	Characterization of the Zn Binding to the Peptide Amyloid- β 1-16 linked to Alzheimer's Disease. <i>ChemBioChem</i> , 2005, 6, 1663-1671.	1.3	79
15	Interfacial Oxidation and Photoluminescence of InP-Based Core/Shell Quantum Dots. <i>Chemistry of Materials</i> , 2018, 30, 6877-6883.	3.2	78
16	Methods and techniques to study the bioinorganic chemistry of metal-peptide complexes linked to neurodegenerative diseases. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2381-2396.	9.5	77
17	Full Characterization of Colloidal Solutions of Long-Alkyl-Chain-Amine-Stabilized ZnO Nanoparticles by NMR Spectroscopy: Surface State, Equilibria, and Affinity. <i>Chemistry - A European Journal</i> , 2012, 18, 5384-5393.	1.7	76
18	Hypervalent Silicon Compounds by Coordination of Diphosphine-Silanes to Gold. <i>Chemistry - A European Journal</i> , 2010, 16, 10808-10817.	1.7	64

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19	Conformational Control of Metallocene Backbone by Cyclopentadienyl Ring Substitution: A New Concept in Polyphosphane Ligands Evidenced by ^1H -Through-Space Nuclear Spin-Spin Coupling. Application in Heteroaromatics Arylation by Direct C-H Activation. <i>Organometallics</i> , 2009, 28, 3152-3160.	1.1	58
20	Complexes between β -Cyclodextrin and Aliphatic Guests as New Noncovalent Amphiphiles: Formation and Physicochemical Studies. <i>Langmuir</i> , 2003, 19, 5233-5239.	1.6	56
21	Heteroleptic Silver(I) Complexes Prepared from Phenanthroline and Bis-phosphine Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 14343-14354.	1.9	53
22	PTA-Stabilized Ruthenium and Platinum Nanoparticles: Characterization and Investigation in Aqueous Biphasic Hydrogenation Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1229-1236.	1.0	51
23	Interaction between a Bisphosphonate, Tiludronate, and Biomimetic Nanocrystalline Apatites. <i>Langmuir</i> , 2013, 29, 2224-2232.	1.6	50
24	Surface Chemistry on Small Ruthenium Nanoparticles: Evidence for Site Selective Reactions and Influence of Ligands. <i>Chemistry - A European Journal</i> , 2014, 20, 1287-1297.	1.7	50
25	Taxonomy, purification and chemical characterization of four bioactive compounds from new <i>Streptomyces</i> sp. TN256 strain. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 793-804.	1.7	49
26	Direct Evidence for Intermolecular Oxidative Addition of C-Si Bonds to Gold. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 747-751.	7.2	49
27	Zwitterionic amidinates as effective ligands for platinum nanoparticle hydrogenation catalysts. <i>Chemical Science</i> , 2017, 8, 2931-2941.	3.7	48
28	Stabilization of Colloidal Ti, Zr, and Hf Oxide Nanocrystals by Protonated Tri-n-octylphosphine Oxide (TOPO) and Its Decomposition Products. <i>Chemistry of Materials</i> , 2017, 29, 10233-10242.	3.2	47
29	Solvent effects on valence tautomerism: A comparison between the interconversion in solution and solid state. <i>Solid State Sciences</i> , 2009, 11, 793-800.	1.5	46
30	Guanine Oxidation: NMR Characterization of a Dehydro-guanidinohydantoin Residue Generated by a 2e-oxidation of d(GpT). <i>Journal of the American Chemical Society</i> , 2001, 123, 5867-5877.	6.6	43
31	NH_3 formation from N_2 and H_2 mediated by molecular tri-iron complexes. <i>Nature Chemistry</i> , 2020, 12, 740-746.	6.6	42
32	Imidazolium-based ionic liquids immobilized on solid supports: effect on the structure and thermostability. <i>Dalton Transactions</i> , 2010, 39, 7565.	1.6	41
33	Monitoring the Coordination of Amine Ligands on Silver Nanoparticles Using NMR and SERS. <i>Langmuir</i> , 2015, 31, 1362-1367.	1.6	41
34	Phosphonate terminated PPH dendrimers: influence of pendant alkyl chains on the in vitro anti-HIV-1 properties. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3491.	1.5	40
35	Ruthenium Agostic (Phosphinoaryl)borane Complexes: Multinuclear Solid-State and Solution NMR, X-ray, and DFT Studies. <i>Journal of the American Chemical Society</i> , 2011, 133, 17232-17238.	6.6	39
36	Knight Shift in ^{13}C NMR Resonances Confirms the Coordination of N-Heterocyclic Carbene Ligands to Water-Soluble Palladium Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 865-869.	7.2	38

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37	NMR characterization of covalent adducts obtained by alkylation of heme with the antimalarial drug artemisinin. <i>Inorganica Chimica Acta</i> , 2002, 339, 488-496.	1.2	37
38	Soluble Platinum Nanoparticles Ligated by Long-Chain N-Heterocyclic Carbenes as Catalysts. <i>Chemistry - A European Journal</i> , 2017, 23, 12779-12786.	1.7	36
39	Ring carbo-mers: From questionable homoaromaticity to bench aromaticity. <i>Pure and Applied Chemistry</i> , 2006, 78, 791-811.	0.9	35
40	Nature of Si-H Interactions in a Series of Ruthenium Silazane Complexes Using Multinuclear Solid-State NMR and Neutron Diffraction. <i>Inorganic Chemistry</i> , 2014, 53, 1156-1165.	1.9	35
41	Self-assembly of fullerene-rich nanostructures with a stannoxane core. <i>Chemical Communications</i> , 2007, , 516-518.	2.2	34
42	Synthesis of Water-Soluble Palladium Nanoparticles Stabilized by Sulfonated N-Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2017, 23, 13435-13444.	1.7	33
43	Liquid crystal based on hybrid zinc oxide nanoparticles. <i>Journal of Materials Chemistry</i> , 2011, 21, 6821.	6.7	32
44	Deciphering Ligands TM Interaction with Cu and Cu ₂ O Nanocrystal Surfaces by NMR Solution Tools. <i>Chemistry - A European Journal</i> , 2015, 21, 1169-1178.	1.7	32
45	Synthesis of Oxide-Free InP Quantum Dots: Surface Control and H ₂ -Assisted Growth. <i>Chemistry of Materials</i> , 2017, 29, 9623-9627.	3.2	32
46	Dithiopyrrolone Antibiotic Formation Induced by Adding Valeric Acid to the Culture Broth of <i>Saccharothrix algeriensis</i> . <i>Journal of Natural Products</i> , 2010, 73, 1164-1166.	1.5	31
47	Synthesis of mesoporous nano-hydroxyapatite by using zwitterions surfactant. <i>Materials Letters</i> , 2013, 107, 189-193.	1.3	31
48	Dihydrogen to Dihydride Isomerization Mechanism in [(C5Me5)FeH ₂ (Ph ₂ PCH ₂ CH ₂ PPh ₂)] ⁺ through the Experimental and Theoretical Analysis of Kinetic Isotope Effects. <i>Inorganic Chemistry</i> , 2006, 45, 10248-10262.	1.9	30
49	Antifungal properties of an actinomycin D-producing strain, <i>Streptomyces</i> sp. IA1, isolated from a Saharan soil. <i>Journal of Basic Microbiology</i> , 2015, 55, 221-228.	1.8	30
50	First Dibenzophospholyl(diphenylphosphino)methane [~] Borane Hybrid P [~] (i ² -BH ₃) ₃ Ligand: Synthesis and Rhodium(I) Complex. <i>Organometallics</i> , 2009, 28, 6288-6292.	1.1	29
51	Efficient Ruthenium Nanocatalysts in Liquid-Liquid Biphasic Hydrogenation Catalysis: Towards a Supramolecular Control through a Sulfonated Diphosphine-Cyclodextrin Smart Combination. <i>ChemCatChem</i> , 2013, 5, 3802-3811.	1.8	29
52	NMR and Molecular Modeling Studies of the Interaction of Artificial AP Lyases with a DNA Duplex Containing an Apurinic Abasic Site Model. <i>Biochemistry</i> , 1997, 36, 4831-4843.	1.2	28
53	Probing Highly Selective H/D Exchange Processes with a Ruthenium Complex through Neutron Diffraction and Multinuclear NMR Studies.. <i>Inorganic Chemistry</i> , 2013, 52, 7329-7337.	1.9	28
54	Evidence for Core Oxygen Dynamics and Exchange in Metal Oxide Nanocrystals from In Situ ¹⁷ O MAS NMR. <i>Journal of the American Chemical Society</i> , 2016, 138, 16322-16328.	6.6	28

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55	Micelleâ€“Vesicle Transition of Fatty Acid Based Ionâ€“Pair Surfactants: Interfacial Evidence and Influence of the Ammonium Counterion Structure. <i>ChemPhysChem</i> , 2007, 8, 2013-2018.	1.0	27
56	Selfâ€“Assembly of ZnO Nanocrystals in Colloidal Solutions. <i>ChemPhysChem</i> , 2009, 10, 2334-2344.	1.0	27
57	Versatile Coordination of 2-Pyridinetetramethylsilazane at Ruthenium: Ru(II) vs Ru(IV) As Evidenced by NMR, X-ray, Neutron, and DFT Studies. <i>Journal of the American Chemical Society</i> , 2009, 131, 7633-7640.	6.6	27
58	CH Bond Activation of Methane by a Transient $\hat{\text{I}}^{\text{2}}$ -Cyclopropene/Metallabicyclobutane Complex of Niobium. <i>Journal of the American Chemical Society</i> , 2015, 137, 12450-12453.	6.6	27
59	Câˆ“C Coupling Constants, JCC, Are Reliable Probes for $\hat{\text{I}}^{\pm}$ -Câˆ“C Agostic Structures. <i>Organometallics</i> , 2009, 28, 940-943.	1.1	26
60	<i>carbo</i> -Naphthalene: A Polycyclic <i>carbo</i> -Benzenoid Fragment of $\hat{\text{I}}^{\pm}$ -Graphyne. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15133-15136.	7.2	26
61	¹ H and ¹³ C NMR Characterization of Hemiamidal Isoniazid-NAD(H) Adducts as Possible Inhibitors Of InhA Reductase of <i>Mycobacterium tuberculosis</i> . <i>Chemistry - A European Journal</i> , 2003, 9, 2034-2038.	1.7	25
62	[Pd(H)(SnCl ₃)L ₂]: The key active species in the catalyzed alkoxyacylation reaction of terminal alkenes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2947-2951.	0.8	25
63	Aurasperone F â€“ a new member of the naphtho-gamma-pyrone class isolated from a cultured microfungus, <i>Aspergillus niger</i> C-433. <i>Natural Product Research</i> , 2005, 19, 653-659.	1.0	25
64	The Intricate Assembling of <i>gem</i> -Diphenylpropargylic Units. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5144-5156.	1.2	25
65	Purification and structure elucidation of three naturally bioactive molecules from the new terrestrial <i>Streptomyces</i> sp. TN17 strain. <i>Natural Product Research</i> , 2011, 25, 806-814.	1.0	25
66	Selfâ€“Assembly of ZnO Nanoparticles â€“ An NMR Spectroscopic Study. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2691-2699.	1.0	25
67	Colloidal Solutions of Organic Conductive Nanoparticles. <i>Langmuir</i> , 2013, 29, 8983-8988.	1.6	25
68	Antibiotic R2, a new angucyclinone compound from <i>Streptosporangium</i> sp. Sg3. <i>Journal of Antibiotics</i> , 2010, 63, 709-711.	1.0	24
69	Mutactimycin PR, a New Anthracycline Antibiotic from <i>Saccharothrix</i> sp. SA 103: II. Physico-chemical Properties and Structure Elucidation. <i>Journal of Antibiotics</i> , 2004, 57, 373-378.	1.0	22
70	Selective Functionalization of Chiral Ferrocenyl Acetals. Easy Access to Various Tri- and Tetrasubstituted Ferrocenes with Controlled Geometry. <i>Organometallics</i> , 2002, 21, 4552-4555.	1.1	21
71	Characterization and regulation of new secondary metabolites from <i>Aspergillus ochraceus</i> M18 obtained by UV mutagenesis. <i>Canadian Journal of Microbiology</i> , 2005, 51, 59-67.	0.8	21
72	Organotin chemistry for the preparation of fullerene-rich nanostructures. <i>Journal of Materials Chemistry</i> , 2008, 18, 1547.	6.7	21

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73	One-step synthesis of metallic and metal oxidenanoparticles using amino-PEG oligomers as multi-purpose ligands: size and shape control, and quasi-universal solvent dispersibility. <i>Chemical Communications</i> , 2011, 47, 988-990.	2.2	21
74	New dithiopyrrolone antibiotics induced by adding sorbic acid to the culture medium of <i>Saccharothrix algeriensis</i> NRRL B-24137. <i>FEMS Microbiology Letters</i> , 2011, 318, 41-46.	0.7	21
75	Direct Involvement of the Acetato Ligand in the Reductive Elimination Step of Rhodium-Catalyzed Methanol Carbonylation. <i>Inorganic Chemistry</i> , 2012, 51, 4-6.	1.9	21
76	Luminescent zinc oxide nanoparticles: from stabilization to slow digestion depending on the nature of polymer coating. <i>Polymer Chemistry</i> , 2019, 10, 145-154.	1.9	21
77	Oxidation of photochromic spirooxazines by coinage metal cations. Part I. Reaction with AgNO ₃ : formation and characterisation of silver particles. <i>New Journal of Chemistry</i> , 2001, 25, 1486-1494.	1.4	20
78	An efficient synthesis combining phosphorus dendrimers and 15-membered triolefinic azamacrocycles: towards the stabilization of platinum nanoparticles. <i>New Journal of Chemistry</i> , 2010, 34, 547.	1.4	20
79	Tuning the Reactivity of a Heterogeneous Catalyst using N-Heterocyclic Carbene Ligands for C-H Activation Reactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20879-20884.	7.2	20
80	Silica Nanoparticles Grown and Stabilized in Organic Nonalcoholic Media. <i>Langmuir</i> , 2009, 25, 7540-7546.	1.6	19
81	Nickel ethylene tetrathiolate polymers as nanoparticles: a new synthesis for future applications?. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	19
82	Carboxylic acid-capped ruthenium nanoparticles: experimental and theoretical case study with ethanoic acid. <i>Nanoscale</i> , 2019, 11, 9392-9409.	2.8	19
83	Thermotropic Liquid Crystals as Templates for Anisotropic Growth of Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12032-12035.	7.2	18
84	Thermoresponsive gold nanoshell@mesoporous silica nano-assemblies: an XPS/NMR survey. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 28719-28728.	1.3	18
85	A family of rhodium and iridium complexes with semirigid benzylsilyl phosphines: from bidentate to tetradentate coordination modes. <i>Dalton Transactions</i> , 2017, 46, 8827-8838.	1.6	18
86	C-H Bond Activation of Arenes by a Transient η^2 -Cyclopropene Niobium Complex. <i>Journal of the American Chemical Society</i> , 2006, 128, 15962-15963.	6.6	17
87	Enantiopure platinum(II) complexes with chiral diphosphine and diphosphinite ligands derived from 2,2-biphosphole: Synthesis, crystal structure and catalysis. <i>Inorganica Chimica Acta</i> , 2008, 361, 1861-1867.	1.2	17
88	Coordination-Driven Folding in Multi-Zn ^{II} -Porphyrin Arrays Constructed on a Pillar[5]arene Scaffold. <i>Chemistry - A European Journal</i> , 2017, 23, 11011-11021.	1.7	17
89	Dynamic equilibration of η^1 -carbene and η^2 -alkyne moieties within an alkynylcarbene dimanganese complex. <i>Chemical Communications</i> , 2001, , 1690-1691.	2.2	16
90	Occurrence of Naphtho-Gamma-Pyrones- and Ochratoxin A-Producing Fungi in French Grapes and Characterization of New Naphtho-Gamma-Pyrone Polyketide (Aurasperone G) Isolated from <i>Aspergillus niger</i> C-433. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8920-8927.	2.4	16

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91	Transfer of hydrophobic ZnO nanocrystals to water: an investigation of the transfer mechanism and luminescent properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 14538.	6.7	16
92	Identifying short surface ligands on metal phosphide quantum dots. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 17330-17334.	1.3	16
93	Hydrogen-Bonded Open Framework with Pyridyl-Decorated Channels: Straightforward Preparation and Insight into Its Affinity for Acidic Molecules in Solution. <i>Chemistry - A European Journal</i> , 2017, 23, 11818-11826.	1.7	16
94	Tuning the catalytic activity and selectivity of water-soluble bimetallic RuPt nanoparticles by modifying their surface metal distribution. <i>Nanoscale</i> , 2019, 11, 16544-16552.	2.8	16
95	ZnO/Liquid Crystalline Nanohybrids: From Properties in Solution to Anisotropic Growth. <i>Chemistry - A European Journal</i> , 2012, 18, 8084-8091.	1.7	15
96	Oligomeric and polymeric surfactants for the transfer of luminescent ZnO nanocrystals to water. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2158.	2.7	15
97	Alkyl phosphonic acid-based ligands as tools for converting hydrophobic iron nanoparticles into water soluble iron-iron oxide core-shell nanoparticles. <i>New Journal of Chemistry</i> , 2017, 41, 11898-11905.	1.4	15
98	Characterization of secondary phosphine oxide ligands on the surface of iridium nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21655-21662.	1.3	15
99	Ibuprofen loading into mesoporous silica nanoparticles using Co-Spray drying: A multi-scale study. <i>Microporous and Mesoporous Materials</i> , 2020, 291, 109689.	2.2	15
100	Bidimensional lamellar assembly by coordination of peptidic homopolymers to platinum nanoparticles. <i>Nature Communications</i> , 2020, 11, 2051.	5.8	15
101	Mixing Time between Organometallic Precursor and Ligand: A Key Parameter Controlling ZnO Nanoparticle Size and Shape and Processable Hybrid Materials. <i>Chemistry of Materials</i> , 2018, 30, 8959-8967.	3.2	14
102	Urea-stabilized air-stable Pt nanoparticles for thin film deposition. <i>Chemical Communications</i> , 2010, 46, 2683.	2.2	13
103	Insights into the Ligand Shell, Coordination Mode, and Reactivity of Carboxylic Acid Capped Metal Oxide Nanocrystals. <i>ChemPlusChem</i> , 2016, 81, 1216-1223.	1.3	13
104	Water-soluble platinum nanoparticles stabilized by sulfonated N-heterocyclic carbenes: influence of the synthetic approach. <i>Dalton Transactions</i> , 2018, 47, 4093-4104.	1.6	13
105	Characterization of two series of nitrogen-containing dendrimers by natural abundance ¹⁵ N NMR. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 493-496.	1.1	12
106	Improved Transversal Relaxivity for Highly Crystalline Nanoparticles of Pure Fe_2O_3 Phase. <i>Chemistry - A European Journal</i> , 2015, 21, 18855-18861.	1.7	12
107	Nanocatalysts for High Selectivity Enyne Cyclization: Oxidative Surface Reorganization of Gold Sub-2-nm Nanoparticle Networks. <i>Jacs Au</i> , 2021, 1, 187-200.	3.6	12
108	Malonodinitrile $\text{CH}_2(\text{CN})_2$ as Synthone for the Preparation of Unprecedented N-Metalla- and N-Phosphino- λ^2 -diimine Ligands. <i>Organometallics</i> , 2001, 20, 1716-1718.	1.1	11

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109	Photolysis and Thermolysis of Platinum(IV) 2,2'-Bipyridine Complexes Lead to Identical Platinum(II)-DNA Adducts. <i>Chemistry - A European Journal</i> , 2010, 16, 11420-11431.	1.7	11
110	Knight Shift in ¹³ C NMR Resonances Confirms the Coordination of N-Heterocyclic Carbene Ligands to Water-Soluble Palladium Nanoparticles. <i>Angewandte Chemie</i> , 2017, 129, 883-887.	1.6	11
111	¹ H and ¹³ C NMR characterization of pyridinium-type isoniazid-NAD adducts as possible inhibitors of InhA reductase of <i>Mycobacterium tuberculosis</i> . <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 670-673.	1.5	10
112	A viologen phosphorus dendritic molecule as a carrier of ATP and Mant-ATP: spectrofluorimetric and NMR studies. <i>New Journal of Chemistry</i> , 2014, 38, 6212-6222.	1.4	10
113	Oxidation of photochromic spirooxazines by coinage metal cations. Part II. Oxidation by gold(III) compounds and synthesis of gold colloids For part 1, see ref. 11.. <i>New Journal of Chemistry</i> , 2001, 25, 1495-1499.	1.4	9
114	Title is missing!. <i>Chemical Communications</i> , 2001, , 2636-2637.	2.2	9
115	Photocontrol of luminescent inorganic nanocrystals via an organic molecular switch. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22775-22783.	1.3	9
116	A combined theoretical/experimental study highlighting the formation of carbides on Ru nanoparticles during CO hydrogenation. <i>Nanoscale</i> , 2021, 13, 6902-6915.	2.8	9
117	Unprecedented rearrangement during the formation of P-homoatomic N-phosphino formamidine complexes. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 229-236.	0.8	8
118	Insight into the Role of Ligands in the Yellow Luminescence of Zinc Oxide Nanocrystals. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2056-2062.	1.0	8
119	Amphiphilic polymeric nanoreactors containing Rh-NHC complexes for the aqueous biphasic hydrogenation of alkenes. <i>Catalysis Science and Technology</i> , 2021, 11, 6811-6824.	2.1	8
120	Tuning the Reactivity of a Heterogeneous Catalyst using N-Heterocyclic Carbene Ligands for C-H Activation Reactions. <i>Angewandte Chemie</i> , 2020, 132, 21065-21070.	1.6	7
121	One-pot organometallic synthesis of well-controlled gold nanoparticles by gas reduction of Au(I) precursor: a spectroscopic NMR study. <i>Gold Bulletin</i> , 2013, 46, 291-298.	1.1	6
122	Adsorption capacity of sodic- and dendrimers-modified stevensite. <i>Clay Minerals</i> , 2018, 53, 525-544.	0.2	6
123	Prominence of the Instability of a Stabilizing Agent in the Changes in Physical State of a Hybrid Nanomaterial. <i>ChemPhysChem</i> , 2020, 21, 2454-2459.	1.0	6
124	Nanoscale Metal Phosphide Phase Segregation to Bi/P Core/Shell Structure. Reactivity as a Source of Elemental Phosphorus. <i>Chemistry of Materials</i> , 2020, 32, 4213-4222.	3.2	6
125	Characterization of hydrogenated dentin components by advanced ¹ H solid-state NMR experiments. <i>Acta Biomaterialia</i> , 2021, 120, 156-166.	4.1	6
126	Solution Layer Deposition: A Technique for the Growth of Ultra-Pure Manganese Oxides on Silica at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3027-3030.	7.2	5

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127	Insights into the chemistry of bismuth nanoparticles. <i>New Journal of Chemistry</i> , 2017, 41, 5960-5966.	1.4	5
128	Urea-assisted cooperative assembly of phosphorus dendrimer-zinc oxide hybrid nanostructures. <i>New Journal of Chemistry</i> , 2019, 43, 2141-2147.	1.4	5
129	Synthesis and NMR study of trimethylphosphine gold(<i>scpi</i>)-appended calix[8]arenes as precursors of gold nanoparticles. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 953-960.	3.0	5
130	Dynamic Behavior of an N-Metalated \hat{I}^2 -Enaminoimine Complex - Preparation of N-Phosphanylenamine and \hat{I}^2 -Enaminoimine Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 960-968.	1.0	4
131	(Terpyridine)(acetylacetonate)ruthenium(II) complex with a zwitterionic form of phosphoniophenylcyanamide ligand. <i>Inorganic Chemistry Communication</i> , 2003, 6, 1400-1405.	1.8	4
132	A Novel Method for the Metallization of 3D Silicon Induced by Metastable Copper Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32838-32848.	4.0	4
133	Effect of solvent on silicon nanoparticle formation and size: a mechanistic study. <i>Nanoscale</i> , 2019, 11, 4696-4700.	2.8	4
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