

Christophe Lescop

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5662915/publications.pdf>

Version: 2024-02-01

71
papers

2,719
citations

126907

33
h-index

189892

50
g-index

75
all docs

75
docs citations

75
times ranked

2324
citing authors

#	ARTICLE	IF	CITATIONS
1	Metallahelicenes: Easily Accessible Helicene Derivatives with Large and Tunable Chiroptical Properties. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 99-102.	13.8	144
2	Dibenzophosphapentaphenes: Exploiting P Chemistry for Gap Fine-Tuning and Coordination-Driven Assembly of Planar Polycyclic Aromatic Hydrocarbons. <i>Journal of the American Chemical Society</i> , 2012, 134, 6524-6527.	13.7	139
3	Mimicking [2,2]Paracyclophane Topology: Molecular Clips for the Coordination-Driven Cofacial Assembly of π -Conjugated Systems. <i>Journal of the American Chemical Society</i> , 2006, 128, 3520-3521.	13.7	111
4	Synthesis, Structures, and Magnetic and Optical Properties of a Series of Europium(III) and Gadolinium(III) Complexes with Chelating Nitronyl and Imino Nitroxide Free Radicals. <i>Inorganic Chemistry</i> , 2002, 41, 5566-5574.	4.0	99
5	Coordination-Driven Syntheses of Compact Supramolecular Metallacycles toward Extended Metallo-organic Stacked Supramolecular Assemblies. <i>Accounts of Chemical Research</i> , 2017, 50, 885-894.	15.6	91
6	Synthesis, Structures, and Magnetic Properties of a Series of Lanthanum(III) and Gadolinium(III) Complexes with Chelating Benzimidazole-Substituted Nitronyl Nitroxide Free Radicals. Evidence for Antiferromagnetic Gd(III)-Radical Interactions. <i>Inorganic Chemistry</i> , 2002, 41, 3375-3384.	4.0	87
7	Unprecedented Antiferromagnetic Metal-Ligand Interactions in Gadolinium Nitroxide Derivatives. <i>Inorganic Chemistry</i> , 1999, 38, 5472-5473.	4.0	86
8	Adaptive Coordination-Driven Supramolecular Syntheses toward New Polymetallic Cu(I) Luminescent Assemblies. <i>Journal of the American Chemical Society</i> , 2018, 140, 12521-12526.	13.7	81
9	Assembly of π -Conjugated Phosphole Azahelicene Derivatives into Chiral Coordination Complexes: An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2010, 16, 5976-6005.	3.3	79
10	Chemistry of Bridging Phosphanes: Cu ^I Dimers Bearing 2,5-Bis(2-pyridyl)phosphole Ligands. <i>Chemistry - A European Journal</i> , 2008, 14, 3391-3403.	3.3	68
11	Bridging Phosphanes: Exotic or Versatile Binucleating Ligands?. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4362-4365.	13.8	67
12	An aromatic-antiaromatic switch in P-heteroles. A small change in delocalisation makes a big reactivity difference. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 996.	2.8	67
13	Bis(pentamethylcyclopentadienyl)uranium(IV) thiolate compounds. Synthesis and reactions with CO ₂ and CS ₂ . <i>Journal of Organometallic Chemistry</i> , 1999, 580, 137-144.	1.8	66
14	A solid state highly emissive Cu(I) metallacycle: promotion of cuprophilic interactions at the excited states. <i>Chemical Communications</i> , 2016, 52, 11370-11373.	4.1	59
15	Synthesis, Electronic Properties, and Reactivity of Phospholes and 1,1-Biphospholes Bearing 2- or 3-Thienyl Substituents. <i>Chemistry - A European Journal</i> , 2009, 15, 4914-4924.	3.3	57
16	Ligand-Centered Near-Infrared Luminescence from Lanthanide Complexes with Chelating Nitronyl Nitroxide Free Radicals. <i>Inorganic Chemistry</i> , 2000, 39, 3740-3741.	4.0	53
17	C-H and C-S Bond Cleavage in Uranium(III) Thiolato Complexes. <i>Organometallics</i> , 2001, 20, 3698-3703.	2.3	51
18	2,2-Biphospholes: Building Blocks for Tuning the HOMO-LUMO Gap of π -Systems Using Covalent Bonding and Metal Coordination. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 214-217.	13.8	51

#	ARTICLE	IF	CITATIONS
19	Chemistry of Bridging Phosphanes: A Comparative Study within Cu ^I -Ag ^I -Au ^I Triad-Based Homonuclear Dimers. <i>Chemistry - A European Journal</i> , 2009, 15, 4685-4703.	3.3	46
20	Engineering New Metal-Organic Frameworks Built from Flexible Tetrapyridines Coordinated to Cu(II) and Cu(I). <i>Inorganic Chemistry</i> , 2009, 48, 2793-2807.	4.0	45
21	3,4-Dithiaphosphole and 3,3',4,4'-Tetrathia-1,1'-Biphosphole π -Conjugated Systems: S Makes the Impact. <i>Chemistry - A European Journal</i> , 2010, 16, 11340-11356.	3.3	45
22	Aurophilicity versus Mercuriphilicity: Impact of d ¹⁰ -d ¹⁰ Metallophilic Interactions on the Structure of Metal-Rich Supramolecular Assemblies. <i>Chemistry - A European Journal</i> , 2012, 18, 466-477.	3.3	45
23	Chiral and Extended π -Conjugated Bis(2-pyridyl)phospholes as Assembling N,P,N Pincers for Coordination-Driven Synthesis of Supramolecular [2,2]Paracyclophane Analogues. <i>Chemistry - A European Journal</i> , 2011, 17, 1337-1351.	3.3	43
24	Coordination-Driven Hierarchical Organization of π -Conjugated Systems: From Molecular to Supramolecular π -Stacked Assemblies. <i>Chemistry - A European Journal</i> , 2010, 16, 7143-7163.	3.3	42
25	Assembly of Helicene-Capped N,P,N,P-N-Helicands within Cu ^I Helicates: Impacting Chiroptical Properties by Ligand-Ligand Charge Transfer. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1968-1972.	13.8	41
26	Supramolecular assembly of a phosphole-based moiety into nanostructures dictated by alkynylplatinum(ⁱⁱ) terpyridine complexes through non-covalent Pt ⁻ Pt and π - π stacking interactions: synthesis, characterization, photophysics and self-assembly behaviors. <i>Chemical Science</i> , 2017, 8, 4264-4273.	7.4	40
27	Coordination chemistry of phosphole ligands: From supramolecular assemblies to OLEDs. <i>Comptes Rendus Chimie</i> , 2008, 11, 628-640.	0.5	39
28	Magnetic and optical properties of nitroxide radicals and their lanthanide complexes. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 773-779.	4.0	38
29	Molecular magnets based on two-dimensional Mn(II)-nitronyl nitroxide frameworks in layered structures. <i>Inorganica Chimica Acta</i> , 2008, 361, 3669-3676.	2.4	38
30	Ag ^I Bimetallic Molecular Clips with Adaptive Coordination Behavior for Supramolecular Chemistry. <i>Inorganic Chemistry</i> , 2008, 47, 8592-8594.	4.0	38
31	Palladium-Catalyzed Regioselective C-S Bond Cleavage of Thiophenes. <i>Organic Letters</i> , 2011, 13, 5252-5255.	4.6	37
32	Chiroptical Properties of Carbo[6]Helicene Derivatives Bearing Extended π -Conjugated Cyano Substituents. <i>Chirality</i> , 2013, 25, 455-465.	2.6	36
33	A New Family of P,N Chelates: Stereoselective Synthesis of 2-Pyridyl-2-phospholenes in the Coordination Sphere of Palladium(II) Complexes. <i>Organometallics</i> , 2004, 23, 6191-6201.	2.3	34
34	Organophosphorus π -conjugated materials: the rise of a new field. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2482-2487.	1.8	34
35	Coordination Polymers with π -Stacked Metalloparacyclophane Motifs: Φ -Shaped Mixed-Coordination Dinuclear Connectors. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8242-8245.	13.8	32
36	Intramolecular rearrangements guided by adaptive coordination-driven reactions toward highly luminescent polynuclear Cu(ⁱ) assemblies. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1334-1344.	6.0	31

#	ARTICLE	IF	CITATIONS
37	Functional phosphorus-based π -conjugated systems: Structural diversity without multistep synthesis. <i>Pure and Applied Chemistry</i> , 2007, 79, 201-212.	1.9	30
38	Solid-state absorption and luminescence spectroscopy of nitronyl nitroxide radicals. <i>New Journal of Chemistry</i> , 2003, 27, 1200-1206.	2.8	29
39	Phosphorus Centers of Different Hybridization in Phosphaalkene-Substituted Phospholes. <i>Chemistry - A European Journal</i> , 2014, 20, 8421-8432.	3.3	28
40	Dissymmetrical U-shaped π -Stacked Supramolecular Assemblies by Using a Dinuclear Cu_2 Clip with Organophosphorus Ligands and Monotopic Fully π -Conjugated Ligands. <i>Chemistry - A European Journal</i> , 2014, 20, 14853-14867.	3.3	27
41	Can Coordination-Driven Supramolecular Self-Assembly Reactions Be Conducted from Fully Aliphatic Linkers?. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 795-799.	13.8	26
42	Simultaneous End-On/Side-On Coordination Modes of a Diphosphorus Tetrahedral Complex Imposed by Preorganization of Oligometallic Cu_2 Acceptors. <i>Chemistry - A European Journal</i> , 2011, 17, 9130-9141.	3.3	21
43	Enantiomerically Pure P,N Chelates Based on Phospholene Rings: Palladium Complexes and Catalytic Applications in Allylic Substitution. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5583-5591.	2.0	19
44	Insights About the Mechanism of the Formation of Supramolecular π -Stacked Rectangles Based on Cu_2 Bimetallic Complexes Bearing a Bridging Phosphane Ligand. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1788-1796.	2.0	19
45	Structural and Luminescence Properties of Anthracene- and Biphenyl-Based Lanthanide Bisphosphonate Ester Coordination Polymers. <i>Inorganic Chemistry</i> , 2019, 58, 382-390.	4.0	19
46	Luminescent vapochromic single crystal to single crystal transition in one-dimensional coordination polymer featuring the first Cu_2 dimer bridged by an aqua ligand. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3402-3411.	6.0	19
47	A Study of Mono- and 1,1'-Diphosphaferrocenes as Building Blocks for π -Conjugated Systems. <i>Organometallics</i> , 2005, 24, 5369-5376.	2.3	18
48	Coordination Behaviour of a Hexadentate 1,1'-Ferrocenylene-Bridged Bisphosphole towards Coinage Metal Centres. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1751-1759.	2.0	18
49	Bimetallic Gold(I) Complexes with Ethynyl-Helicene and Bis-Phosphole Ligands: Understanding the Role of Auophilic Interactions in their Chiroptical Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 6075-6086.	3.3	18
50	Coordination-Driven Supramolecular Synthesis Based on Bimetallic Cu(I) Precursors: Adaptive Behavior and Luminescence. <i>Chemical Record</i> , 2021, 21, 544-557.	5.8	18
51	Folding of a Supramolecular Framework Based on a Tetrametallic Clip Driven by π - π Interactions. <i>Inorganic Chemistry</i> , 2011, 50, 3183-3185.	4.0	16
52	Self-Assembly of Reactive Linear Cu_3 Building Blocks for Supramolecular Coordination Chemistry and Their Reactivity toward E_n Ligand Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 2840-2854.	4.0	16
53	Coordination Complexes of P-Containing Polycyclic Aromatic Hydrocarbons: Optical Properties and Solid-State Supramolecular Assembly. <i>Organometallics</i> , 2017, 36, 2502-2511.	2.3	16
54	π -Conjugated derivatives containing phosphole rings: synthesis, properties and coordination chemistry. <i>Comptes Rendus Chimie</i> , 2005, 8, 1186-1193.	0.5	15

#	ARTICLE	IF	CITATIONS
55	Synthesis of Small Tetranuclear Cu(I) Metallacycles Based on Bridging Pseudohalogenide Ions. <i>Inorganic Chemistry</i> , 2013, 52, 1496-1503.	4.0	15
56	Hexalanthanide Complexes as Molecular Precursors: Synthesis, Crystal Structure, and Luminescent and Magnetic Properties. <i>Inorganic Chemistry</i> , 2017, 56, 14632-14642.	4.0	15
57	Self-assembled luminescent Cu(I) tetranuclear metallacycles based on 3,3'-bipyridine ligands. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2893-2902.	4.5	15
58	Supramolecular metallacycles with a "pseudo double-paracyclophane" structure based on flexible π -conjugated linkers. <i>Chemical Communications</i> , 2015, 51, 11560-11563.	4.1	14
59	π -Conjugated systems: Can phosphole offer more than pyrrole?. <i>Pure and Applied Chemistry</i> , 2005, 77, 2099-2104.	1.9	13
60	Discrete Polymetallic Arrangements of Ag ^I and Cu ^I Ions Based on Multiple Bridging Phosphane Ligands and π - π Interactions. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2934-2938.	2.0	12
61	Cleaned snapshots on the road to coordination polymers: heterometallic architectures based on Cu(I) metallaclips and 2,2'-bis-dipyrrin metalloligands. <i>Chemical Communications</i> , 2020, 56, 10501-10504.	4.1	8
62	Straightforward Preparation of a Solid-State Luminescent Cu ₁₁ Polymetallic Assembly via Adaptive Coordination-Driven Supramolecular Chemistry. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 754-760.	1.2	8
63	A Cu(I) cluster bearing a bridging phosphane ligand. <i>Comptes Rendus Chimie</i> , 2010, 13, 980-984.	0.5	7
64	Reaction of carbonyl trinuclear clusters with 2,5-bis(2-thienyl)-1-phenyl-phosphole as a ligand: a new pathway to ruthenacyclopentadiene and cyclopentadienone ruthenium complexes. <i>New Journal of Chemistry</i> , 2018, 42, 12234-12242.	2.8	6
65	Can Coordination-Driven Supramolecular Self-Assembly Reactions Be Conducted from Fully Aliphatic Linkers?. <i>Angewandte Chemie</i> , 2018, 130, 803-807.	2.0	5
66	High variety of coordination modes of π -conjugated phospholes in dinuclear rhenium carbonyls. Fluxional behavior of π - π -complexes. <i>Inorganica Chimica Acta</i> , 2019, 491, 118-127.	2.4	4
67	Coordination-driven supramolecular syntheses of new homo- and hetero-polymetallic Cu(I) assemblies: solid-state and solution characterization. <i>Inorganic Chemistry Frontiers</i> , 0, , .	6.0	4
68	Polymetallic Cu(I) complexes based on bridging phosphine ligands. , 2019, , 21-59.		3
69	Straightforward coordination-driven supramolecular chemistry preparation of a discrete solid-state luminescent Cu ₄ polymetallic compact assembly based on conformationally flexible building blocks. <i>Inorganica Chimica Acta</i> , 2021, 516, 120115.	2.4	3
70	Impact of Intermolecular Non-Covalent Interactions in a Cu ^I ₈ Pd ^{II} ₁ Discrete Assembly: Conformers' Geometries and Stimuli-Sensitive Luminescence Properties. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	2
71	Inside Cover: Coordination-Driven Hierarchical Organization of π -Conjugated Systems: From Molecular to Supramolecular π -Stacked Assemblies (Chem. Eur. J. 24/2010). <i>Chemistry - A European Journal</i> , 2010, 16, 7046-7046.	3.3	0