

Stéphane A Baudron

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3122034/publications.pdf>

Version: 2024-02-01

64
papers

1,988
citations

201385

27
h-index

253896

43
g-index

68
all docs

68
docs citations

68
times ranked

1818
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionothermal synthesis of calcium-based metal-organic frameworks in a deep eutectic solvent. <i>CrystEngComm</i> , 2022, 24, 601-608.	1.3	7
2	Construction of hydrogen bonding and coordination networks based on ethynylpyridine-appended nucleobases. <i>CrystEngComm</i> , 2021, 23, 944-954.	1.3	2
3	HKUST-1 MOF in reline deep eutectic solvent: synthesis and phase transformation. <i>Dalton Transactions</i> , 2021, 50, 4145-4151.	1.6	21
4	Deep eutectic solvents for the preparation and post-synthetic modification of metal- and covalent organic frameworks. <i>CrystEngComm</i> , 2021, 23, 5016-5032.	1.3	28
5	Coordination assemblies based on a flexible tetrathiafulvalene derivative. <i>Polyhedron</i> , 2021, 198, 115047.	1.0	1
6	Photocycloadditions of Arenes Derived from Lignin. <i>Journal of Organic Chemistry</i> , 2021, 86, 13310-13321.	1.7	6
7	Cleaned snapshots on the road to coordination polymers: heterometallic architectures based on Cu metallacaps and 2,2-bis-dipyrrin metalloligands. <i>Chemical Communications</i> , 2020, 56, 10501-10504.	2.2	8
8	Heterometallic coordination polymers based on homo- and heteroleptic Au(III) dithiolene complexes. <i>CrystEngComm</i> , 2020, 22, 5760-5767.	1.3	4
9	Interdigitated conducting tetrathiafulvalene-based coordination networks. <i>Chemical Communications</i> , 2020, 56, 2407-2410.	2.2	14
10	Dipyrrin based metal complexes: reactivity and catalysis. <i>Dalton Transactions</i> , 2020, 49, 6161-6175.	1.6	31
11	Tetrathiopyridyl-tetrathiafulvalene-based Cd coordination polymers: one ligand, one metal cation, many possibilities. <i>New Journal of Chemistry</i> , 2019, 43, 14291-14298.	1.4	8
12	Synthesis, crystal structure and optical properties of a series of dipyrrins bearing peripheral coordinating groups and their BODIPYs and Zn(II) complexes. <i>Inorganica Chimica Acta</i> , 2019, 494, 216-222.	1.2	4
13	Strapping a benzaldehyde-appended 2,2-bis-dipyrrin Zn double-stranded helicate using imine bond formation. <i>Dalton Transactions</i> , 2019, 48, 4105-4108.	1.6	8
14	Revisiting Ag interactions with bis((pyrrol-2-yl)methylene)hydrazine: CC versus CN bond complexation. <i>CrystEngComm</i> , 2019, 21, 1853-1856.	1.3	3
15	Ag(I)- interactions with pyrrolic derivatives. <i>Coordination Chemistry Reviews</i> , 2019, 380, 318-329.	9.5	20
16	Symmetrical and dissymmetrical 2,2-bis-dipyrrin ligands and Zn(II) binuclear helicates. <i>New Journal of Chemistry</i> , 2018, 42, 6997-7004.	1.4	8
17	AzaBODIPY based coordination polymers. <i>CrystEngComm</i> , 2017, 19, 897-900.	1.3	8
18	A Ni-2,2-bisdipyrinato complex as a potential sensitizer: synthesis and photoelectrochemical characterization. <i>New Journal of Chemistry</i> , 2017, 41, 15021-15026.	1.4	3

#	ARTICLE	IF	CITATIONS
19	Solvent and anion effects on the organization of a luminescent [2 + 2] BODIPY/Ag(<i>scp</i>) metallamacrocycle in the crystalline state. <i>CrystEngComm</i> , 2017, 19, 4393-4400.	1.3	16
20	Luminescent metal-organic frameworks based on dipyrromethene metal complexes and BODIPYs. <i>CrystEngComm</i> , 2016, 18, 4671-4680.	1.3	40
21	Pre-organization of clefts for Ag- interactions in Zn(ii) bisdipyrrin helicates for the construction of heterometallic networks. <i>Chemical Communications</i> , 2016, 52, 13000-13003.	2.2	21
22	Assembly, Disassembly, and Reassembly: Conversion of Homometallic Coordination Networks into Mixed Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2015, 54, 2032-2039.	1.9	32
23	On Zn(ii) 2,2-bisdipyrrin circular helicates. <i>Chemical Communications</i> , 2015, 51, 5906-5909.	2.2	32
24	Rigid yet flexible heteroleptic Co(<i>scp</i>) dipyrin complexes for the construction of heterometallic 1- and 2-D coordination polymers. <i>CrystEngComm</i> , 2014, 16, 4973-4980.	1.3	16
25	A Silver Bite: Crystalline Heterometallic Architectures Based on Ag- Interactions with a BisDipyrrin Zinc Helicate. <i>Chemistry - A European Journal</i> , 2014, 20, 2449-2453.	1.7	44
26	Ni(ii) dipyrin complexes bearing peripheral pyridyl or imidazolyl groups self-assemble into 2- and 3-D coordination polymers. <i>CrystEngComm</i> , 2013, 15, 5980.	1.3	15
27	From Sequential to One-Pot Synthesis of Dipyrin Based Grid-Type Mixed Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2013, 52, 14439-14448.	1.9	40
28	Luminescent Coordination Polymers Based on Self-Assembled Cadmium Dipyrin Complexes. <i>Chemistry - A European Journal</i> , 2013, 19, 3215-3223.	1.7	42
29	From discrete tricyanovinylene appended 7-azaindole copper(II) paddlewheel to an infinite 1D network: Synthesis, crystal structure and magnetic properties. <i>Polyhedron</i> , 2013, 52, 1329-1335.	1.0	6
30	Luminescent dipyrin based metal complexes. <i>Dalton Transactions</i> , 2013, 42, 7498.	1.6	134
31	Stepwise construction of grid-type Cu(ii)-Cd(ii) heterometallic MOFs based on an imidazole-appended dipyrin ligand. <i>Chemical Communications</i> , 2012, 48, 10313.	2.2	37
32	Heterometallic coordination polymers incorporating dipyrin based heteroleptic copper and cobalt complexes: to Ag- or not?. <i>Dalton Transactions</i> , 2012, 41, 7227.	1.6	58
33	Excited State Properties and Energy Transfer within Dipyrin-Based Binuclear Iridium/Platinum Dyads: The Effect of <i>ortho</i> -Methylation on the Spacer. <i>Chemistry - A European Journal</i> , 2012, 18, 4041-4050.	1.7	55
34	From insertion of rhodium acetate paddlewheels into functionalized 7-azaindole hydrogen-bonded dimers to infinite architectures. <i>Dalton Transactions</i> , 2011, 40, 7403.	1.6	10
35	Dipyrrin based silver [2 + 2] metallamacrocycles. <i>Dalton Transactions</i> , 2011, 40, 437-445.	1.6	24
36	Dithiolate-Appended Iridium(III) Complex with Dual Functions of Reducing and Capping Agent for the Design of Small-Sized Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2011, 133, 6501-6504.	6.6	22

#	ARTICLE	IF	CITATIONS
37	Dipyrrin based luminescent cyclometallated palladium and platinum complexes. Dalton Transactions, 2010, 39, 180-184.	1.6	87
38	Carboxylic Acid Appended Dipyrrin for the Formation of a Hexanuclear Iridium/Copper Paddlewheel Complex. Inorganic Chemistry, 2010, 49, 8659-8661.	1.9	47
39	Heterometallic Architectures Based on the Combination of Heteroleptic Copper and Cobalt Complexes with Silver Salts. Inorganic Chemistry, 2010, 49, 11231-11239.	1.9	54
40	Assembly of Heteroleptic Copper Complexes with Silver Salts: From Discrete Trinuclear Complexes to Infinite Networks. Inorganic Chemistry, 2010, 49, 331-338.	1.9	63
41	Dipyrrin based homo- and hetero-metallic infinite architectures. CrystEngComm, 2010, 12, 2288.	1.3	92
42	Combination of hydrogen and coordination bonding for the construction of one-dimensional networks based on a 7-azaindole appended dipyrrin. CrystEngComm, 2010, 12, 2238.	1.3	35
43	Combination of primary amide and dipyrrin for the elaboration of extended architectures built upon both coordination and hydrogen bonding. CrystEngComm, 2009, 11, 1245.	1.3	48
44	Modular construction of a series of heteronuclear metallamacrocycles. Chemical Communications, 2008, , 4558.	2.2	19
45	Many Faces of Dipyrrins: from Hydrogen-Bonded Networks to Homo- and Heteronuclear Metallamacrocycles. Inorganic Chemistry, 2008, 47, 766-768.	1.9	68
46	A stepwise approach to the formation of heterometallic discrete complexes and infinite architectures. Dalton Transactions, 2007, , 1129.	1.6	22
47	Arranging up to six ferrocene carboxamides around metal centres. Dalton Transactions, 2007, , 565-569.	1.6	14
48	Beyond classical coordination: silver-π interactions in metal dipyrrin complexes. Chemical Communications, 2007, , 2252-2254.	2.2	74
49	Sequential Generation of One-Dimensional Networks Based on a Differentiated Bischelate-Type Ligand Bearing Both 4,5-Diazafluorene and Dithiolene Units. Inorganic Chemistry, 2006, 45, 5260-5262.	1.9	42
50	Octanuclear Cu(i) cubic complex decorated with six peripheral chelates. New Journal of Chemistry, 2006, 30, 1083.	1.4	19
51	Water nanodroplets confined in molecular nanobeakers. Surface Science, 2005, 588, 41-48.	0.8	19
52	Functional π-donors with no symmetry and Mott physics. European Physical Journal Special Topics, 2005, 131, 307-311.	0.2	0
53	Crystalline patterns and band structure dimensionality in a series of conducting hybrids associating amide-functionalized EDT-TTF π-donors with the isosteric octahedral anions [FeNO(CN)5]2- and [M(CN)6]3- (M=Co, Fe). Synthetic Metals, 2005, 155, 527-538.	2.1	4
54	A Straightforward Synthesis of Diverse Nickel Dithiolene Complexes Appended with Hydrogen-Bond Donor/Acceptor Groups. Inorganic Chemistry, 2005, 44, 3380-3382.	1.9	30

#	ARTICLE	IF	CITATIONS
55	(EDT-TTF-CONH ₂) ₆ [Re ₆ Se ₈ (CN) ₆], a Metallic Kagome-Type Organic-Inorganic Hybrid Compound: Electronic Instability, Molecular Motion, and Charge Localization. <i>Journal of the American Chemical Society</i> , 2005, 127, 11785-11797.	6.6	80
56	Structural Isomerism in Crystals of Redox-Active Secondary ortho-Diamides: The Role of Competing Intra- and Intermolecular Hydrogen Bonds in Directing Crystalline Topologies. <i>Chemistry - A European Journal</i> , 2004, 10, 4498-4511.	1.7	47
57	Transport properties of monocrystalline microwires of EDT-TTF(CONHMe) ₂ and (TMTSF) ₂ ClO ₄ . <i>Synthetic Metals</i> , 2004, 146, 273-277.	2.1	9
58	Binuclear Manganese Compounds of Potential Biological Significance. 1. Syntheses and Structural, Magnetic, and Electrochemical Properties of Dimanganese(II) and -(II,III) Complexes of a Bridging Unsymmetrical Phenolate Ligand. <i>Inorganic Chemistry</i> , 2003, 42, 750-760.	1.9	74
59	Singular Crystalline 2D-Layered Topologies Directed by Ribbons of Self-Complementary Amide-Amide Ring Motifs in [EDT-TTF-(CONH ₂) ₂] ₂ X (X = HSO ₄ ⁻ , ClO ₄ ⁻ , ReO ₄ ⁻ , AsF ₆ ⁻): Coupled Activation of Ribbon Curvature, Electron Interactions, and Magnetic Susceptibility. <i>Journal of the American Chemical Society</i> , 2003, 125, 11583-11590.	6.6	66
60	Cluster-to-Metal Magnetic Coupling: Synthesis and Characterization of 25-Electron [Re ₆ -nOsnSe ₈ (CN) ₆](5-n)- (n = 1, 2) Clusters and {Re ₆ -nOsnSe ₈ [CNCu(Me ₆ tren)] ₆ } ⁹⁺ (n = 0, 1, 2) Assemblies. <i>Journal of the American Chemical Society</i> , 2003, 125, 15543-15553.	6.6	67
61	Interdependence of redox state, hydrogen bonding, anion recognition and charge partition in crystals of (EDT-TTF-CONHMe) ₆ [Re ₆ Se ₈ (CN) ₆](CH ₃ CN) ₂ (CH ₂ Cl) ₂ . <i>Chemical Communications</i> , 2003, , 1820-1821.	2.2	20
62	Interplay of Charge Transfer, Dimensionality, and Amide Hydrogen Bond Network Adaptability in TCNQF ₄ Complexes of EDO-TTF-CONH ₂ and EDT-TTF-CONH ₂ . <i>Journal of Solid State Chemistry</i> , 2002, 168, 668-674.	1.4	16
63	Bis(tetraphenylphosphonium) bis[<i>cis</i> -1,2-bis(methoxycarbonyl)ethylenedithiolato-2S, S ²⁻]nickelate(II) and bis(tetraphenylphosphonium) bis[<i>cis</i> -1,2-bis(methoxycarbonyl)ethylenedithiolato-2S, S ²⁻]nickelate(III) iodide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002, 58, m575-m577.	0.4	3
64	Jahn-Teller distortion of the open-shell 23-electron chalcogenide rhenium cluster cores in crystals of the series, {[Re ₆ Q ₈] ₃ +(X ⁿ⁻) ₆ } ₃ ⁿ⁻ (Q = S, Se; X = Cl, CN). <i>Chemical Communications</i> , 2002, , 2124-2125.	2.2	40