BÃ©atrice Delavaux-Nicot

List of Publications by Year
in descending order

45 papers	1,550 citations	331259 21 h-index	301761 39 g-index
52 all docs	52 docs citations	52 times ranked	1763 citing authors

#	Article	IF	Citations
1	PEG-cored phosphorus dendrimers: Synthesis and functionalization. Results in Chemistry, 2022, 4, 100304.	0.9	0
2	Mechanical Modulation of the Solidâ€State Luminescence of Tricarbonyl Rhenium(I) Complexes through the Interplay between Two Triplet Excited States. Chemistry - A European Journal, 2021, 27, 4191-4196.	1.7	11
3	Phenyl-pyta-tricarbonylrhenium(<scp>i</scp>) complexes: combining a simplified structure and steric hindrance to modulate the photoluminescence properties. Dalton Transactions, 2021, 50, 13686-13698.	1.6	6
4	Electron Transfer Inside a Decaferrocenylated Rotaxane Analyzed by Fast Scan Cyclic Voltammetry and Impedance Spectroscopy. ChemElectroChem, 2021, 8, 3506-3511.	1.7	4
5	Dendrimers and hyper-branched polymers interacting with clays: fruitful associations for functional materials. Journal of Materials Chemistry A, 2019, 7, 19634-19650.	5.2	25
6	Optimization of aggregation-induced phosphorescence enhancement in mononuclear tricarbonyl rhenium(<scp>i</scp>) complexes: the influence of steric hindrance and isomerism. Dalton Transactions, 2019, 48, 15906-15916.	1.6	16
7	Dinuclear Copper(I) Complexes Combining Bis(diphenylphosphanyl)acetylene with 1,10â€Phenanthroline Ligands. European Journal of Inorganic Chemistry, 2019, 2019, 2665-2673.	1.0	10
8	Frontispiece: Topological and Steric Constraints to Stabilize Heteroleptic Copper(I) Complexes Combining Phenanthroline Ligands and Phosphines. Chemistry - A European Journal, 2019, 25, .	1.7	0
9	Topological and Steric Constraints to Stabilize Heteroleptic Copper(I) Complexes Combining Phenanthroline Ligands and Phosphines. Chemistry - A European Journal, 2019, 25, 4543-4550.	1.7	19
10	Heteroleptic Copper(I) Pseudorotaxanes Incorporating Macrocyclic Phenanthroline Ligands of Different Sizes. Journal of the American Chemical Society, 2018, 140, 2336-2347.	6.6	85
11	A Rotaxane Scaffold for the Construction of Multiporphyrinic Lightâ€Harvesting Devices. Chemistry - A European Journal, 2018, 24, 133-140.	1.7	37
12	Preparation of Pillar[5]areneâ€Based [2]Rotaxanes by a Stopperâ€Exchange Strategy. Chemistry - A European Journal, 2018, 24, 169-177.	1.7	25
13	A Rotaxane Scaffold Bearing Multiple Redox Centers: Synthesis, Surface Modification and Electrochemical Properties. Chemistry - A European Journal, 2018, 24, 1701-1708.	1.7	17
14	Heteroleptic Copper(I) Complexes Prepared from Phenanthroline and Bis-Phosphine Ligands: Rationalization of the Photophysical and Electrochemical Properties. Inorganic Chemistry, 2018, 57, 15537-15549.	1.9	83
15	The unsuspected influence of the pyridyl-triazole ligand isomerism upon the electronic properties of tricarbonyl rhenium complexes: an experimental and theoretical insight. Dalton Transactions, 2018, 47, 8087-8099.	1.6	15
16	Coordinationâ€Driven Folding in Multiâ€Zn^{II}â€Porphyrin Arrays Constructed on a Pillar[5]arene Scaffold. Chemistry - A European Journal, 2017, 23, 11011-11021.	1.7	17
17	Efficient Photoinduced Energy and Electron Transfer in Zn^{II}â€“Porphyrin/Fullerene Dyads with Interchromophoric Distances up to 2.6â€…nm and No Wireâ€like Connectivity. Chemistry - A European Journal, 2017, 23, 14200-14212.	1.7	14
18	Coordination-Driven Folding in Multi-ZnII -Porphyrin Arrays Constructed on a Pillar[5]arene Scaffold. Chemistry - A European Journal, 2017, 23, 10935-10935.	1.7	0

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19	Frontispiece: Ordered Layered Dendrimers Constructed from Two Known Dendrimer Families: Inheritance and Emergence of Properties. Chemistry - A European Journal, 2016, 22, .	1.7	0
20	Conjugated Porphyrin Dimers: Cooperative Effects and Electronic Communication in Supramolecular Ensembles with C₆₀. Journal of the American Chemical Society, 2016, 138, 15359-15367.	6.6	49
21	Ordered Layered Dendrimers Constructed from Two Known Dendrimer Families: Inheritance and Emergence of Properties. Chemistry - A European Journal, 2016, 22, 10736-10742.	1.7	9
22	Removal of chromate from aqueous solutions by dendrimers-clay nanocomposites. Desalination and Water Treatment, 2016, 57, 14290-14303.	1.0	10
23	Electron Transfer Rates in an Adsorbed C₆₀â€Porphyrin Dyad. Electroanalysis, 2015, 27, 1010-1016.	1.5	2
24	Combining Topological and Steric Constraints for the Preparation of Heteroleptic Copper(I) Complexes. Chemistry - A European Journal, 2014, 20, 11961-11961.	1.7	0
25	Combining Topological and Steric Constraints for the Preparation of Heteroleptic Copper(I) Complexes. Chemistry - A European Journal, 2014, 20, 12083-12090.	1.7	24
26	Homoleptic Copper(I), Silver(I), and Gold(I) Bisphosphine Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 1345-1355.	1.0	69
27	Homoleptic and heteroleptic RuII complexes with extended phenanthroline-based ligands. Polyhedron, 2014, 82, 122-131.	1.0	9
28	Heteroleptic Copper(I) Complexes Prepared from Phenanthroline and Bis-Phosphine Ligands. Inorganic Chemistry, 2013, 52, 12140-12151.	1.9	202
29	A stable and strongly luminescent dinuclear Cu(i) helical complex prepared from 2-diphenylphosphino-6-methylpyridine. Chemical Communications, 2013, 49, 859-861.	2.2	30
30	Heteroleptic Silver(I) Complexes Prepared from Phenanthroline and Bis-phosphine Ligands. Inorganic Chemistry, 2013, 52, 14343-14354.	1.9	53
31	Fullerodendrimers with a perylenediimide core. New Journal of Chemistry, 2011, 35, 2234.	1.4	34
32	Photoinduced electron transfer in a clicked fullereneâ€“porphyrin conjugate. Journal of Materials Chemistry, 2011, 21, 1562-1573.	6.7	49
33	Molecular Motion Inside an Adsorbed [5:1] Fullerene Hexaadduct Observed by Ultrafast Cyclic Voltammetry. Angewandte Chemie - International Edition, 2011, 50, 2364-2367.	7.2	47
34	Photo-induced Energy Transfer in a Th-Symmetrical Hexakis-adduct of C60 Substituted with Ï€-Conjugated Oligomers. Australian Journal of Chemistry, 2011, 64, 153.	0.5	15
35	Synthesis and Photophysical Properties of Copper(I) Complexes Obtained from 1,10â€Phenanthroline Ligands with Increasingly Bulky 2,9â€Substituents. European Journal of Inorganic Chemistry, 2010, 2010, 164-173.	1.0	33
36	Fullerene Derivatives Functionalized with Diethylaminoâ€Substituted Conjugated Oligomers: Synthesis and Photoinduced Electron Transfer. Chemistry - A European Journal, 2009, 15, 8825-8833.	1.7	17

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37	Ground State Electronic Interactions in Macrocyclic Fullerene Bisâ€Adducts Functionalized with Bridging Conjugated Oligomers. European Journal of Organic Chemistry, 2009, 2009, 5779-5787.	1.2	9
38	Photoinduced electron transfer in a fullereneâ€“oligophenylenevinylene dyad. New Journal of Chemistry, 2009, 33, 2174.	1.4	14
39	Synthesis of fullerene building blocks bearing alkyne or azide groups and their subsequent functionalization by the copper mediated Huisgen 1,3-dipolar cycloaddition. Tetrahedron, 2008, 64, 11409-11419.	1.0	37
40	Organotin chemistry for the preparation of fullerene-rich nanostructures. Journal of Materials Chemistry, 2008, 18, 1547.	6.7	21
41	Click chemistry for the efficient preparation of functionalized [60]fullerene hexakis-adducts. Chemical Communications, 2008, , 2450.	2.2	105
42	Heteroleptic Copper(I) Complexes Coupled with Methano[60]fullerene: Synthesis, Electrochemistry, and Photophysics. Inorganic Chemistry, 2008, 47, 6254-6261.	1.9	60
43	Electrophosphorescent homo- and heteroleptic copper(i) complexes prepared from various bis-phosphine ligands. Chemical Communications, 2007, , 3077-3079.	2.2	161
44	Changes in electronic couplings of mixed-valence systems due to through-space intramolecular interactions. Chemical Communications, 2007, , 4345.	2.2	25
45	Heteroleptic Cu(I) complexes containing phenanthroline-type and 1,1â€²-bis(diphenylphosphino)ferrocene ligands: Structure and electronic properties. Inorganica Chimica Acta, 2007, 360, 1032-1042.	1.2	67